Annual Report

2014-15



Babasaheb Bhimrao Ambedkar University
(A Central University)
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	Dr. Sunita Chandra
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Controller of Examination	Dr. Sanjay Kumar Mishra
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Proctor	Prof. N.M.P. Verma
Dean Students Welfare	Prof. M.Y. Khan

Deans

School for Ambedkar Studies	Prof. S. Victor Babu
School for Biosciences & Biotechnology	Prof. M. Y. Khan
School for Environmental Science	Prof. D. P. Singh
School for Home Science	Prof. Sunita Mishra
School for Information Science & Technology	Prof. K.L. Mahawar
School for Legal Studies	Prof. Priti Saxena
School for Management Science (I/c)	Prof. R.P. Singh
School for Physical Sciences (I/c)	Prof. R. B. Ram

Heads/Coordinator

Department of Applied Animal Science	Prof. Kamal Jaiswal
Department of Applied Chemistry	Dr. Gajanan Pandey
Department of Applied Mathematics	Prof. Vipin Saxena
Department of Applied Physics	Dr. B. C. Yadav
Department of Applied Plant Science	Prof. Deepa H. Dwivedi
Department of Applied Statistics	Dr. Surinder Kumar
Department of Biotechnology	Prof. M. Y. Khan
Department of Computer Science	Prof. Sanjay Kumar Dwivedi
Department of Economics	Prof. Sanatan Nayak
Department of Environmental Microbiology	Dr. Naveen Kumar Arora
Department of History	Prof. S. Victor Babu
Department of Human Development & Family Studies	Prof. Sunita Mishra
Department of Human Rights	Prof. Preeti Saxena
Department of Information Technology	Prof. R.A. Khan
Department of Law	Prof. Sudarshan Verma
Department of Library & Information Science	Prof. K. L. Mahawar
Department of Mass Communication & Journalism	Dr. Gopal Singh
Department of Pharmaceutical Science	Prof. Shubini A. Saraf
Department of Political Science	Prof. Sartik Bagh
Department of Rural Management	Dr. Kushendra Mishra
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From the
Vice Chancellor's Desk



Knowledge is today's economy. It has become an extremely important resource vital to our societies and economies. It has become a catalyst in speeding up the engines of economic growth, individual prosperity and social mobility. Creation and distribution of knowledge is paramount responsibility of the society. It is my firm belief that a University has a major role to play across all processes involving intellectual capital. The babasaheb Bhimral Ambedkar University is one such University which strives endlessly to lead the other educational institutions on the road to knowledge optimisation.

The Babasaheb Bhimrao Ambedkar University uses the 'learning centered' approach in its programmes. This has enabled our University to create an environment that graduates students with well-developed intellectual skills in their field of specialization. They also have a foundation of broad knowledge, effective written and oral communication skills, a strong ethical base, a sense of civic responsibility, proficiency in the use of technology, a global perspective and desire to pursue lifelong learning. True to our tradition, the students are urged to cultivate a sense of independent thinking and responsible action.

I take the privilege of presenting the 18th Annual Report of the Babasaheb Bhimrao Ambedkar University, Lucknow for the Year 2014-15. The vision of the University is to promote global education across different disciplines. In the last few years, the University has witnessed remarkable developments relating to teaching, research and institution building. The University has forged a number of international collaborations and has played a leadership role in organizing seminars, lectures and conferences on major issues relating to law, business, international affairs and public policy. Through conscious and careful planning, BBAU aspires to reach the zenith of success by pursuing the path of value based quality education.

BBAU has crossed take off stage and is the front runner in many aspects from several years. With an unwavering commitment to academics, and the heightened realization that this is no ordinary time for higher education, BBAU is determined to grasp the extraordinary opportunities available to it by introducing innovation, accelerating growth and setting higher targets for achievements, both in academics as well as infrastructure development. In order to fulfil the goal of achieving academic excellence, our academic pursuits have gained immense momentum due to the extensive developments which have occurred in the last couple of years. 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 of grievance redressal systems for staff, faculty and students; establishing new hostels for students, initiating innovation in academic and extracurricular activities, increasing access and equity for all and especially the marginalized groups, all of which will enhance the University's strength and prepare it for further advancements towards excellence in the future.

In an effort to integrate the BBAU mission of shouldering social responsibilities, contributing the knowledge resources impartially, and serving the public purposes, various inclusive, society-oriented programs have been recently started such as; introduction of additional seats for single girl child, cancer

and thalassemia patients; free education for students belonging to the below poverty line/ BPL card holders, and orphans; adoption of underdeveloped, resource-limited colonies for dissemination of education and creation of awareness for social and environmental issues.

The faculties at our university accept their responsibilities conscientiously, share leadership in a democratic spirit, and are subject to the highest standards of public trust. Recently, provisions have been made to empower them by providing start-up grants and basic infrastructure for high quality research. A staff club has been established. A community hall has been proposed. The University is growing and so is its faculty and staff. The existing residential complexes are not enough to house the present strength of teachers/staff, therefore, new residential complexes have been proposed to accommodate the increasing no. of faculty/staff.

The foundation and hallmark of any University is its students. BBAU firmly believes that it is only through student empowerment that real success in all fields including academia can be achieved.

A framework has been proposed to enable all students to feel safe and valued through laying provisions for information and training which will encourage young people to make informed choices and achieve success; to utilize opportunities for service to and change; to strengthen students inter-connectedness, to maximize formal and community recognition of learning outcomes; and to pay special attention to the upliftment of the marginalized groups especially SC/ST/OBC/PH/Minorities & Women students. University has adopted the Choice Based Credit System for Semester Examination along with addition 1 credit course in Community Service, Remedial Languages, Ambedkar Studies and Moral Studies in each semester.

Besides academia, sporting activities are very much required for the youth to channelize their abundant energy, enthusiasm and imagination. We want sports to be seen as an opportunity for students to take their rightful place as future leaders of the country in myriad spheres of activity. Babasaheb Bhimrao Ambedkar University has set up a very strong and active Alumni Association with the mission of promoting a meaningful dialogue and exchange of ideas between the University and its alumni. The association is committed to strengthening alumni relations in support of the University's mission. An Innovation Club has been established to encourage young scientists/researchers in the university and the society to bring forth their innovative creations on a platform for widespread exposure and further development. A Centre for Innovative and Emerging Sciences has been established to encourage and implement new innovative courses for modern scientific education.

The Central library has been modernized and is now situated in a newly constructed state-of-the-art building. New Scientific journals, online journals, books encompassing almost all subjects, and internet facilities have been provided to add new dimensions to the learning and research output of the university. A Union Building along with a Sports Complex, state-of-the-art sports paraphernalia, a stadium, and a swimming pool is required to promote sports activities in the University campus.

To improve the quality, transparency and timely dissipation of tasks A Management Information System has been proposed, and will be implemented at the earliest, which will ensure efficient and effective academic, administrative and financial management relevant to the needs of students and the faculty. Our achievements in the past few months will leverage our capability and strength, as University has invested/plans to invest ambitiously in new disciplines that hold the potential to change the academics, extracurricular activities and research.

Babasaheb Bhimrao Ambedkar University believes in promoting innovations and technologies in various disciplines and transforming great visions into best practices. Backed with years of experience and committed team members BBAU produces highly focused and influential programs leading to the growth of the respective domains accordingly. One of the major aims of the Global Initiative for Academic Network (GIAN) is to provide a forum for discussion for all the international experts representing a wide range of disciplines. Babasaheb Bhimrao Ambedkar University is committed to attract the best international

experience into its system of education and to enable interaction of students and faculty members with the best academic and industry experts from all over the world through GIAN.

I am inspired with the Prime Minister Shree Narendra Modi Ji's ambitious e-governance initiative under Digital India Initiative. In the current higher education environment, paperless processes are at the forefront of discussion. In the spectrum of sustainability initiatives BBAU is undertaking an intitative to go fully functinal paperless University.

The emergence of MOOCs and on-line education could be one good method to implement green computing in Higher Education Institution (HEI). Babasaheb Bhimrao Ambedkar University, under MOOCs, will offer an unprecedented opportunity to revitalize education. These cause complete dis-intermediation of the university system, making them very affordable. Our vision is to explore, examine, and solve pedagogical and technical issues, and establish the best possible model of blended learning, for Indian education system.

BBAU is committed to making tangible contributions to society. It does so by sharing its knowledge and by collaborating with diverse partners in academia and across the public, private, and nonprofit sectors. BBAU believes the alignment of community and societal engagement with key institutional priorities and has taken several initiatives as mechanisms for making community and societal engagement an essential vehicle to accomplish higher education's more important goals. To fully incorporate community and societal engagement into all aspects of its mission, BBAU is seriously addressing issues related to structure, budget, and operation. Faculty involvement and support are being strengthening for furthering the institutionalization of community and societal engagement of BBAU.

The University participated in Swachh Bharat Abhiyan on 2nd October, 2014, and is regularly conducting cleaning programme in the campus at 4:00 pm, organized Run for Unity and Book Exhibition on 31st October, 2014 to celebrate the birth anniversary of Sardar Patel Ji. It further organized an open panel discussion on the topic Sikshit Bharat- Saksham Bharat and Quality Education to All. Also MoU for Gomti Gallery has been signed between NCSM, Kolkata and University to purify and beautify the Gomti River.

The idea is to ensure that the University works closely with governments and other stakeholders through active feedback and advisory mechanisms. The University will work in tandem with the government and will plan for other higher education initiatives. The University will also provide more focused and development related research in the future, again working with national systems of research.

With the full cooperation and hard work of faculty, officers and staff, I have represented the University externally, both within India and overseas. We have been able to secure a financial base sufficient to allow the delivery of the University's mission, aims and objectives. Most process have been stramlined and value additions have been made in the sphere of administrative and academic offshoots. I express my sincere thanks to the University Grants Commission (UGC) and other funding agencies for their magnanimous support and co-operation. I would like to especially thank the Ministry of Human Resource Development (MHRD) for its contributions which, despite the many challenging periods it has faced in the recent past, has remained strong and steadfast in its support of the University. The University is assesed by NAAC A grade. I hope the Annural Report 2014-15 prepared by the committee will be appreciated by all concerned.



(Prof. R.C. Sobti)
Vice Chancellor

Board of Mangement

Prof. R.C. Sobti
Vice Chancellor
BBAU, Lucknow

Prof. Priti Saxena
Deptt. of Human Rigthts,
BBAU, Lucknow

Dr. Sanatan Nayak
Associate Professor,
Deptt. of Economics, BBAU, Lucknow

Prof. N.M.P. Verma
Deptt. of Economics,
BBAU, Lucknow

Dr. Ripu Sudan Singh
Associate Professor,
Deptt. of Political Science, BBAU, Lucknow

Dr. Shikha
Assistant Professor,
Deptt. of Environmental Science,
BBAU, Lucknow

To be nominated
Member of Parliament (Rajya Sabha)

Smt. Anju Bala
Member of Lok Sabha

Shri Dharmendra Yadav
Member of Lok Sabha

Joint Secretary (CU&L),
Department of Higher Education
MHRD, New Delhi

Chairman,
University Grants Commission,
New Delhi

Shri Ashok Singh,
Chairman, C B W E,
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Prof. Arun Diwakar Nath Bajpai,
VC, HP University, Shimla

Dr. P.C. Jain, Principal
SR College of Commerce,
University of Delhi, Delhi

Prof. (Dr.) Shilpa Khatri Babbar,
Dean, Student Welfare,
Vivekanand Institute of Professional Studies

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

Academic Coucil

Prof. R.C. Sobti *(Chairman)*
Vice Chancellor
BabasahebBhimraoAmbedkar University
Lucknow

Prof. Subrata Sinha
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Gurgaon, Haryana-122051.

Dr. Rakesh Aggarwal
Professor, Deptt. of Gastroenterology
SGPGI. Lucknow

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Lucknow

Ms. Neha Gupta
Research Scholar
Department of Environmental Science
BBAU, LKO

Mr. Muddshir Ahamad
P.G. Student
Department of Sociology
Lucknow

Registrar (Ex-Officio Secretary)
Babasaheb Bhimrao Ambedkar University
Lucknow

Planning Board

Prof. R. C. Sobti
Vice Chancellor,
BBAU, Lucknow Chairman

Prof. Priti Saxena
Dean,
School for Legal Studies,
BBAU, Lucknow

Prof. Vipin Saxena
Dean,
School for Information Science & Technology,
BBAU, Lucknow

Dr. Deepa H. Dwivedi
Head,
Department of Applied Plant Science,
BBAU, Lucknow

Dr. Sudarshan Verma
Head,
Department of Law,
BBAU, Lucknow

Dr. S. K. Sarin
Director, Institute of L & B Sciences,
New Delhi – 110 070

Dr. Goverdhan Mehta
School of Chemistry,
University of Hyderabad,
Hyderabad – 500 046

Dr. V. M. Trehan
Chairman, 'MEKASTER'
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,
Lucknow – 226 001

Dr. Sharda Prasad
Additional Secretary,
Director General(E&T),
New Delhi – 110 001

Shri A. K. Maurya
Dy. Registrar,
BBAU, Lucknow

Dr Sunita Chandra
Registrar, BBAU

Finance Committee

Prof. R.C. Sobti, Chairman
Vice Chancellor
BBA University
Vidya Vihar Raebareli Road,
Lucknow

Shri Yogendra Tripathi
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
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Prof. Shahid Ashraf
Registrar
Deptt. of Economics
Jamia Millia Islamia (Central University)
New Delhi-110025

Shri Ashok Singh
Chairman
Central Board for Workers Education
Jam Nagar House,
New Delhi-110 011

Prof. Surinder Kumar
Director,
Giri Institute of Development Studies,
Sector- O, Aliganj Housing Scheme,
Lucknow-226024

Prof. R. B. Ram
Finance Officer, 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 1997-98. 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 Center for the Study of Social Exclusion and Inclusive Policy (CSSEIP) and Dr. Ambedkar Studies Centre. The School offers P.G. and Ph.D. programmes and has an inter-disciplinary 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 social significance.

I. DEPARTMENT OF ECONOMICS

Introduction

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

Department Level Academic Activities:

1. National Level Seminar:

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

2. Special Lecture:

1. Special Lecture organized by the Department on "Migration to Brick Kilns in Uttar Pradesh: Causes and Implications" 14th Nov., 2014 by Prof. Prof. Bhaskar Majumder, GPISS, Allahabad.
2. Special Lecture organized by the Department on "Addressing Causes of Maternal Mortality in Utter Pradesh" 25th Nov., 2014 by Dr. C.S. Verma, GIDS, Lucknow.
3. Special Lecture organized by the Department on "Understanding Discrimination and its Implication" 15th March, 2015 by Prof. Amitabh Kundu, JNU, New Delhi.
4. Special Lecture organized by the Department on "Land Acquisition Bill: Issues and Challenges" 24th March, 2015 by Prof. N.K. Chaudhary, Bihar University, Patna.

Faculty Details:

S.No.	Name	Designation	Qualification	Area of Specilization
1.	N.M.P. Verma	Professor	M.A. (JNU), Ph.D.(BU)	Development Economics of Marginalized Section, Macro Economics, Industrial Economics
2.	Sanatan Nayak	Associate 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.	L.C. Mallaiah (on leave)	Associate Professor	M.A. (SKU), M. Phil. Ph.D.(HU)	Micro Economics, Ambedkar Economics, Gender Economics, Economics of Discrimination
4.	D. K. Yadav	Assistant Professor	M.A. (Eco.), Ph.D. (AU)	Monetary Economics Econometrics Mathematical Economics, Statistics, Public Economics
5.	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

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

1. Award/Recognition:

Prof. NMP Verma

1) President, Association of the Socio-Economic Development Studies
2) Chairman, (NAAC Committee), BBAU, Lucknow
3) Member, Editorial Board, International Journal of Economics and Finance, Toronto, Canada
4) Member, Degree Research Committee, Amity University, Lucknow, Meeting, Feb. 19, 2015
5) Member, Board of Studies, Dr. Ram Manohar Lohia Avadh University, Faizabad
6) Subject Expert, Selection Committee (ICSSR Ph.D. Fellow), GIDS, Feb. 23, 2015
7) Screening Committee (Reappointment of Professor), GIDS, Lucknow
8) Subject Examiner, Ph.D. Viva Voce, Deptt. of Rural Economics and Cooperation, TM Bhagalpur University, March 21, 2015, for Dimpal Rani , SS Bhaumik
9) Member, Degree Research Committee, Board of Post Graduate Studies, School Board and any non-statutory Committee, BBAU, Lucknow
10) Member, Academic Council (AC), Board of Management (BoM), BBAU, Lucknow

Dr. Sanatan Nayak

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

Dr. D.K.Yadav

1) Member, Departmental Research Committee (DRC), Department of Economics, BBAU, Lucknow
2) Member, Admission Committee, Department of Economics, BBAU, Lucknow.
3) Member of Extracurricular Activities and Grievance Committee, BBAU, Lucknow

Dr. Surendra Meher

1) Member, Departmental Research Committee (DRC), Department of Economics, BBAU, Lucknow
2) Member, Admission Committee,

Department of Economics, BBAU, Lucknow.

3) Member/Nominee of the Department of Economics for Central Placement Cell, BBAU, Lucknow

4) Member (co-opted) Sports Committee, BBAU, Lucknow.

5) Member of Departmental Library Committee, Anti Ragging Cell, Extracurricular Activities and Grievance Committee

2. Book/Book Chapter/Authored/Edited Book/Monograph

Prof. NMP Verma

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

Dr. Sanatan Nayak

1) Land Degradation in India: Problems, Institutions and Sustainability**, Abhijeet Publication, New Delhi, 2014.**

3. Project Sanctioned/Executed:

Prof. NMP Verma

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

4. Research Publications

A). National Journal/Conference/ Presentation:-

Dr. Sanatan Nayak

1) Pricing of Drinking Water in Uttar Pradesh, along with Rashmi Tiwari, **Review of Development and Change**, Vol.16, No.1, 2014.

2) Inclusive Growth and Participatory Approach: Extent, Implementation and Accumulations of Benefits, **Journal of Social and Economic Studies**, Vol. XXII, No.2, July- December, 2013.

B). International Journal/Conference/ Presentation

Prof. NMP Verma

1) Peoples Perceptions on Public Distribution of Goods: A Study of Capital City of Biggest State of India, Journal of Empirical Economics, , Vol.3, No. 5 , PP. 296-305, Pakistan, Research Academy of Social Sciences, 2014.

Dr. Sanatan Nayak

1) Politics in Global Climate Change and Need of Alternative Economic Model, **South Asian Journal of Management Research**, Vol.6, No.2, 2014.

5. Participation in Seminar/conference/ workshop

Dr. Sanatan Nayak

1) Determinants of Agricultural Growth in Uttar Pradesh, A Paper presented in **18th Annual Conference of the Indian Political Economy Association (IPEA)** at Giri Institute of Development Studies, during 15-16th November, 2014.

2) Gender Discrimination in Wage and Employment: A Case Study in Lucknow and Raibarelly Districts in Uttar Pradesh, A paper presented in N**ational Seminar on "Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions"**, Organized by Department of Sociology, BBAU, Lucknow during 11-12 November, 2014

Dr. D. K. Yadav

1) Participated in International Training workshop on "**Village Social Accounting Matrix (SAM) and Computable General Equilibrium (CGE) Modelling: Application in Agricultural Research and Development Studies**", jointly organized by GIDR, Ahemdabad and ICRISAT, Hyderabad during November 3-10, 2014.

2) Paper entitled "**Fiscal Consolidation and efficiency in transmission mechanism of monetary policy: An Econometric study of Indian Economy in the post reform period**", presented in 51st conference of the Indian Econometric Society, being organised by Punjabi University, Patiala, during 12th to 14th December, 2014.

3) Paper entitled "**International Politics and Recent Financial Crisis: An Analysis of Efforts to Save U S Economy at the Cost of Developing Economies**", presented in

18th Annual Conference of Indian Political Economy Association, jointly organised by Indian Political Economy Association (IPEA) and Giri Institute of Development Studies (GIDS), Lucknow, during 15th-16th, November 2014.

4) Paper entitled , "**An Assessment of PMJDY on Yardstick of Financial Requirement of Poor: A Normative Analysis**", presented in National Seminar on "Implications of Pradhan Mantri Jan Dhan Yojana on Inclusive Development: Issues and Challenges", organised by Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, during 19-20th February, 2015.

Dr. Surendra Meher

1) "**Gender Discrimination in Employment and Wages in India: An Interstate Analysis**" presented at the National Seminar on Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions, organized by BBAU, Lucknow on 11-12 November 2014.

2) "**Theoretical and Empirical Perspective of Development of Capitalism in Indian Agriculture**" Paper presented at the 18th Annual Conference of The Indian Political Economy Association (IPEA), organized jointly by IPEA and Giri Institute of Development Studies (GIDS) Lucknow, during 15th and 16th November 2014.

3) "**Innovation and Exclusion in Agriculture: Are Small Farmers Benefitting from Agricultural Innovation and Growth in India**" paper presented at the National Social Science Conference-2014, organized by BBAU in academic Collaboration with ASEDS, Lucknow, during 16-17 December 2014.

4) "**Small Farm and Farm Credit: A Field Investigation from Odisha**" paper presented at the two day National Seminar on " Implications of Pradhan Mantri Jan Dhan Yojana (PMJDY) on Inclusive Development: Issues and Challenges" organized by Department of Economics, BBAU, Lucknow during February 19-20, 2015.

5) "**The Role of State in Ensuring Food and Livelihood Security in India during Post Reform Period**" paper presented at the National Seminar on Emerging Trends and Dynamics in Indian Politics organized by Department of Political Science, BBAU Lucknow, during March 21-22 2015.

6. Invited Speakers/Session Chaired

Prof. NMP Verma

1) Group Lead, Parallel Session: How to make NFSA Effective and Efficient in Bihar, 6-8-2014, A N Sinha Institute of Social Studies, Patna

2) Chairman, Technical Session on Food and Gender , IT College, October 30, 2014

3) Panelist, Lucknow Door Darshan, Pre-budget Review, 2014-15 Central Budget, June 27, 2014, 7.30 -8.00 PM

4) Panelist Lucknow Door Darshan , Union Budget: Govt. of India, A Review, June 28, 2014, 7.30- 8.00 PM

5) Conference Coordinator, National Social Science Conference, December 17-18, 2014

6) Chairman of a session on Population Dynamics, GB Pant Institute of Social Sciences, Allahabad, and February 27-28, 2015

7) Resource Person, Capacity Building Program for Teachers, Giri Institute of Development Studies, Lucknow, February 22, 2015(Sunday)

Dr. Sanatan Nayak

1) Delivered a lecture on Economic Development and Environmental Linkages, organized by UGC-Academic Staff College at Lucknow University in November, 2014.

2) Resource Persons, Capacity Building Programme for Teachers, GIDS, Lucknow

7. Research Guidance Ph. D. Supervised and Awarded

A. Post Doctoral Supervision

Sl. No.	Name	Name of Supervisor	Post Doctoral Supervision
01	Dr. Asha Srivastava	Prof. NMP Verma	Inclusive Innovation in Water Sector

B. Ph.D. Awarded

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
01	Mr. Vinit Kumar	Prof. NMP Verma	Employment and Income Effects of Multi Product Special Economic Zones (Sezs) in India: A Study with Special Reference to Noida in Uttar Pradesh.
02	Mr. Ajay Kumar	Prof. NMP Verma	An Economics Analysis of Returns on the Investment in Janani Suraksha Yojana (JSY): A Comparative Study of Eastern and Western, Uttar Pradesh.
03	Ms. Priyanka Singh Bhadoria	Prof. NMP Verma	Marketing of Handloom Garments: A Study with Reference to Varanasi.
04	Ms. Rashmi Tiwari	Dr. Sanatan Nayak	Water Sector in Uttar Pradesh: An Economic Analysis of Drinking Water and Sanitation

C. Ph.D. Submitted

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

D. Ph.D./M.Phil. Continuing

Sl. No.	Name of Scholars	Name of Supervisor	Ph.D. Topic
1	Shivani Tiwari (Part Time) **(Pre-Submission Presentation completed)**	Dr. Sanatan Nayak	Gender Inequality in Agricultural Sector in Uttar Pradesh
2	Shivani Singh **(Pre-Submission Presentation completed)**	Dr. Sanatan Nayak	An Economic Analysis of Environmental Externalities: A Study on Jajmau Leather Industrial Area of Kanpur, Uttar Pradesh
3	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
4	Naveed Ahmad Lone	Dr. D.K.Yadav	Determinants of Inflation in India: A Study of Compositional Shift in the Post Reform Period
5	Sanjay Kumar Upadhyay	Dr. L.C. Mallaiah	Impact of Agricultural Credit on Socio-Economic Condition of Small and Marginal Farmer in Uttar Pradesh

6	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
7	Rahul	Prof. NMP Verma	Employment and Wage Pattern in the Commercial Construction sector: A Case study of Noida Uttar Pradesh
8	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
9	Amit Singh	Dr. L.C. Mallaiah	Impact of Corporate Farming and Agricultural Development in Uttar Pradesh
10	Shweta Singh	Dr. L.C. Mallaiah	Micro Finance and Empowerment of Women- An Analysis of SHG in Uttar Pradesh
11	Ved Prakash	Dr. D.K.Yadav	An Analysis of Fundamental Variable And Exchange Rate Determination: A Comparative Study Of India, China And USA
12	Arvind Kumar	Dr. Surendra Meher	Trends and Patterns of Women Employment in the Unorganized sector: With Special Reference to Uttar Pradesh
13	Vandana Ahirwar	Dr. Sanatan Nayak	An Economic Analysis of Air Pollution: A Case Study of Lucknow, India
14	Ravindra Sah	Dr. Sanatan Nayak	Indoor Air Pollution and Poverty: Comparative Study of Rural Bihar and Rural Uttar Pradesh
15	Simta Rani	Dr. Surendra Meher	Livelihood Security of Landless Labours, Small and Marginal Farmers in India : A Case Study of Uttar Pradesh
16	Kanti Devi	Prof. NMP Verma	Innovation and Exclusion in Health Sector: A Study of Old Persons
17	Soma Samanta	Dr. Sanatan Nayak	River Degradation and its Impact on Livilihood: A Case Study in River Gomti, Lucknow
18	Vishal Pratap Singh	Dr. Sanatan Nayak	An Economic Analysis of Air Pollution and its Impact on Health: A case study of Traffic Police Personals in Lucknow
19	Suhail Ahmad Bhat	Dr. Surendra Meher	Trends and Patterns of Employment in Textile manufacturing in Lucknow, Uttar Pradesh with Reference to Muslims
20	Archana	Dr. Surendra Meher	Rural Women Labour in India with Special Reference to Uttar Pradesh
21	Shivangi Gupta	Dr. Surendra Meher	The Status of Human Capital and Labour Productivity in India: A State Wise Analysis

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	-	-

II. DEPARTMENT OF HISTORY

1. Introduction

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

Academic programme of the department

Courses Offered: Ph.D, M.A. Programmes

No. of Ph.D. Awarded: Nil

No. of Ph.D. Students during the current academic session: 22

No. of M.A. Students: 49

2. Academic activities of Department of History for the academic year 2014-15

Seminar/conference organized

An international seminar entitled ''Indian Buddhism from Sakyamuni Buddha to Present" was organized on March 27-28, 2014.

Seminar scheduled to be organized

An international seminar scheduled to be organized in February 2015

Special lectures organized

1) A special lecture delivered by Dr Gethin Rees on the topic entitled "Monastic Buddhism-recent discoveries in 2014 April

2) A special lecture delivered by Dr. Swadhin Sen on the topic entitled '' Buddhism and Archaeology in Bangladesh' 2014 April

3) A special lecture delivered by Dr. Kerthi on the topic entitled '' Recent Advances in Feminism Theory and Practice" October 2014

4) 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 International Buddhist Institute, Lucknow

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

Ph.D submissions

Three research scholars have submitted Ph.D theses

Publication of article by faculty members

Four articles were published by faculty members of the department.

Participation of faculty in seminar/ conferences

One international seminar and eight national seniors are being attended by faculty members.

3. Faculty Details

Name: Dr. S. Victor Babu .

Designation:Professor & Head

Qualification: **M.A., M.Phil (J.N.U) Ph. D, Central University of Hyderabad**

Experience: **Twenty years P.G level teaching, five years research experience.**

Specialization: **Late Medieval Indian History, Environmental History and Christianity inNorth East India and Historiography**

Experience of Research Guidance: **Two Ph.D thesis have been submitted** .

Publications (Books)

a. *Popular Culture and religion in Medieval India*, Kaveri Books, New Delhi.

b. 'Popular Culture and the Marginals in Medieval Andhra' in Yagati Chinna Rao (ed.) ***Perspectives on Economic Development and Social Change,*** Delhi.

c. Beliefs and Practices: A Perspective change among Nagas' in N.Venuh (ed.) ***Naga Society: Continuity and Change***, Abdul Kalam Azad Institute of Asian Studies, Kolkotta.

Presentations in Seminars/Conferences/ Workshop:

1. Clearing the Forest: Colonialism and Deforestation in Nagaland, Northeast India, IOSR Journal of Humanities and Social Science, Vol. 19, No. 6, 2014.
2. Great Tradition coming to terms with Little Tradition: Integration of Dalits and Tribals in Medieval Andhra Pradesh, Voice of Dalit, No.1, 2014.

Dr Shura Darapuri

Associate Professor

Research activities for the academic year 2014-15

Presented paper at National and International Conferences

International Conferences:

1. Two-day International Seminar on "Understanding Dr. Ambedkar's Concept of Dhamma: Transforming Self and Society" organized by School for Ambedkar studies,BBAU,on 14th and 15th April 2014 Name of the paper:" Dr Ambedkar and Buddhism"
2. An Interdisciplinary International Seminar on Buddhism, Culture/Literature & the Constitution of India, Department of English, Faculty of Arts, BHU Varanasi on 20th December 2014. Name of the paper: Ambedkar and Buddhism

National Conferences:

1) National Seminar on the theme "State, Society, Law and We the people of India"organized by All India Rights Organization, Indian Association of Social Scientists, Lucknow Law College, Lucknow University, on 12th November 2014. Name of the paper: Human Trafficking in India: Issues and Challenges s(Issues relating to child pornography and increase in cases of child abuse)

2) National Seminar on Appointment and Accountability of Judges in India organized by Department of Law, BBAU on13th -14thNovember2014. Name of the paper: Diversity in India and Inclusive Judiciary (with emphasis on women representation in judiciary)

3) National Seminar on Gender Discrimination and Inequalities in Contemporary India organized by Department of Sociology, BBAU, Lucknow on 11th-12thNovember2014 Name of the paper: Acid Violence against Women in India

4) National Seminar on Globalization, Law and Protection of Human Rights: Issues and Challenges, organized by Department of Human Rights, School for Legal Studies,BBAU,13th-14th October 2014.Name of the paper: Globalization and Human Trafficking in India

5) National Social Science Conference-2014, Development Challenges in Developing Nations During Post Globalization Period: Social Science Perspective, in Academic Collaboration with Association of the Socio-Economic Development Studies(ASEDS),BBAU,16thDecember-17thDecember,2014.Name of the paper: Issues Relating to Dalit Women in the Post-Globalization Era

6) National Seminar on the theme "State,Society, Law and We the people of India" Paper presented Human Trafficking in India Issues and Challenges(Issues relating to child pornography and increase in cases of child abuse)organized by All India Rights Organization, Indian Association of Social Scientists,Lucknow Law College,Lucknow University,on 12th November 2014

7) National Seminar on Appointment and Accountability of Judges in India organized by Department of Law, BBAU on13th-14thNovember 2014. Paper presented : Diversity in India and Inclusive judiciary (with emphasis on women representation in judiciary)

8) National Seminar on Gender Discrimination and Inequalities in Contemporary India organized by Department of Sociology, BBAU, Lucknow on 11th-12th November2014 Paper presented: Acid Violence against women in India

Participation in conference/workshop/ symposium

1. National Workshop on "Food Processing and Preservation Techniques: Traditional and Contemporary Approach" organized by School for Home Sciences, BBAU on 15th-16th October2014

2. "Empowering Women vs Dehumanising Society - Emerging Challenges" organized by AIRO on 8th March 2015 in Press Club, Quaiserbagh, Lucknow

Journals

1. Journal of Humanities and Culture-An International Research Refereed Journal to Higher Education,Vol.1 No.2 JHC 2014,BHU- Book Review "The Decline of Buddhism in India- a Fresh Perspective", KTS Sarao, New Delhi, ISSN No.2393-8285
2. Asian Resonance- A Peer Reviewed Multi Disciplinary International Research Journal,Vol-III, Issue II April 2014,ISSN No.0976-8602

"Understanding Social Exclusion and Inclusion with respect to women in early Buddhism"

Research Guidance:

Submitted:Thesis entitled, Colonialialism and Modern Education in India-A Study of Kashmir,1880-1947,

Students Name: Fayaz Ahmad Kotay(12.03.15)

Membership:

1) Indian History Congress
2) All India Rights Organization
3) Maha Bodhi Society

Name of Faculty: Dr. V.M. Ravi Kumar

Designation: Assistant Professor

Research activities for the academic year 2014-15

Chapter in edited volume:

Forests and Railways: History of Railways and their impact upon forests of South India, accepted in forthcoming volume edited by Dr. N.K. Nayak eititled Railways in South Asia, Orientblackswan.

Research Publications:

Inclusive Environmentalism: Relevance of Dr. Ambedkar for Indian Environmentalism, *Indian Journal of Dalit and Tribal Studies and Action*, 2014.

'Battle over Jungles: Colonial Forestry and the Revolt of 1857 in Oudh', *in Desh Vikas Journal*, 2015.

Articles accepted for publications:

'Contested Commons: History of colonial Grazing policies in South India", in International Journal of Social Sciences, forthcoming issue.

Seminars/Conferences

1) Women and Power: An Analysis of Community Forest Management in Andhra Pradesh, presented in a National Seminar Organized by Department of Sociology,Babasaheb Bhimrao Ambedkar University, Lucknow, 2014.
2) Blue Untouchablity: Dalits and Water from Human Rights Perceptive, presented in a National Seminar Organized by Department of human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow, 2014.
3) Non-Brahman India: Dalit Buddhist Movement in South India (Iyothi Thas), presented in one day National Conference entitled 'National Seminar on Anagarika Dharmapala and Revival of Buddhism", organized by International Buddhist Center, Lucknow on 17th September 2014.

Ph.D. Submission:

1) Miss. Meera ''Evolution of Historical Consciousness Dalits of United Provinces"
2) Miss. Rihca Trapathi, ''History of colonial Forest Policies in Awadh Region"
3) Mr. Om Prakesh Singh ''History of Lower Caste Associations in United Provinces"
4) These students have submitted their Ph.D theses and waiting for award.

Name: Birendra Nath Prasad

Designation: Assistant Professor

Research activities for the academic year 2014-15

Book Chapters:

- Published a paper titled ''Urbanization at Early Historic Vaisali, c. BCE 600-CE 400' in D.N. Jha (ed.), The Complex Heritage of Early India : Essays in Memory of *Professor R.S.Sharma* , Manohar Publishers , New Delhi, 2014 , pp. 213-243. .ISBN No. 978-93-5098-058-3.

Publication of research articles in International Peer-reviewed journals :

- Published a paper titled 'The Socio-Religious Dimensions of Dedicatory Inscriptions on Sculptures Donated to a

Buddhist Establishment in Early Medieval Magadha: Kurkihar, c. 800-1200 CE' in *Journal of the Oxford Centre for Buddhist Studies*, Vol.7 , 2014 : pp. 116-152. ISSN 2047-1076.

- Published a paper titled 'Some Observations on the Paschimbhaga Copper Plate Inscription of Srichandra' in Journal of Bengal Art, Dhaka, Vol. 19, 2014 ,pp.69-79. ISSN 1607-1344

Invited speaker in an International Conference :

- I was an invited speaker in the International Conference on 'Buddhism Rejoins the Great Conversation in India, jointly organized by the Oxford Centre for Buddhist Studies ,University of Oxford; and Indian Institute of Buddhist Studies, Pune (November 22-24 ,2014, Pune). I delivered the lecture on the topic ''Recent Buddhist Revival Movements in Uttar Pradesh'.

Paper presented in a National Seminar :

- Presented a paper titled ''Some Aspects of Buddhist Revival in Uttar Pradesh, 1950-1980' in the National Seminar on Angarika Dharmapala and Revival of Buddhism, Organized by International Research Institute of Buddhist Studies, Lucknow, September 17,2014.

Name: Dr. Renu Pandey

Designation: Assistant Professor

Research activities for the academic year 2014-15

Publications: Books

- Revisiting Gandhian Thought on gender issues" in 2015 , Meena Book Publications, New Delhi, ISBN : 978-81-93035-56-6

Research Papers

- Gandhian views on the Malady of Enforced Widowhood International Journal of Humanities & social sciences, Khurja (Vol-JHSS-VIII-XV) 0974-8806 2013
- Phule on Twin Evils; Enforced widowhood and Child Marriage Samaj Vigyansodh Patrika, Amroha (Vol.2, Pt.III, No.XXV) 0973-7626 2014
- Mahatma Jotirao Phule's panacea to Women Liberation; Education International journal of Arts,Humanities, management & Law,Lucknow (Vol.4, No-14-15) 2229-3620 2014
- Social Ideologies of Jotirao Phule and M.K. Gandhi on Gender Equality: A Comparative Analysis International Journal of Research in Social Sciences (Vol.5, Issue 1) 2249-5894 2014
- Social Ideologies of Jotirao Phule and M.K. Gandhi on Gender Equality: A Comparative Analysis

International Journal of Research in Social Sciences (Vol.5, Issue 1) 2249-5894 2014

- The social philosophy of Jotiba Phule on gender issues Samajvigyansodh Patrika, Amroha (Vol-2 , Pt.III, No. XXXI) 0973-7626 2014
- Krantijyot, Pantita &Ba: Extent and intent on women Emancipation International Journal of Arts, Humanities,management & Law, Lucknow (Vol-5) 2229-3620 2015
- Gendered Social Practices in Colonial India: A Historical Perspective International Journal of Humanities & social sciences, Khurja (Vol- JHSS-V16) 0974-8806 2015
- Thoughts of Phule and Gandhi on Women Education Voice of Dalits Accepted for publication
- Crusaders for development of female education in colonial India: A case study of Savitri bai Phule International Journal of Social Science and Development Policy published by BBAU Accepted for publication
- Contesting Patriarchy and Caste: A case study of Savitri Bai Phule Economic and Political Weekly (EPW) 2349-8846 Ref. No 405/2015

Research Projects:

2014 Savitribai Phule and Pandita Ramabai: A comparative study of social thoughts and works" funded by ICHR New Delhi.

III. DEPARTMENT OF POLITICAL SCIENCE

About the Department

The Department of Political Science in the University is a new Department established in 2008. The department is dedicated to promote teaching and research in the emerging fields of political science like public policy and governance, comparative politics, international relations and human rights while maintaining the scholarship in some of the conventional fields like political theory, political philosophy etc. The department has four permanent teachers and two guest faculty and around fifty students. Since its inception, the department has been concentrating on maintaining global standards in its teaching as well as research programmes. 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.

Faculty details:-

S.No.	Name	Designation	Qualification	Area of Specialization
1.	**Prof. Sartik Bagh**	Professor and Head of the Department	M.A, M.Phil, PhD	Political Theory/Philosophy, Indian Politics, Public Policy (Education Policies and Food Security), Panchyati Raj Institutions in India
2.	**Prof. Ripu Sudan Singh**	Professor	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
3.	**Dr. Shashi Kant Pandey**	Assistant Professor (Sr. Scale)	M.A, M.Phil, PhD	Human Rights, Indian Government and Politics, Minority Issues
4.	**Dr. Sidhartha Mukerji**	Assistant Professor	M.A, M.Phil., PhD	Comparative Politics, Industrial Policy, Public Administration and E-Governance

Departmental-Level Academic Activities

Seminar, Lectures and other activities during the year.

Seminar/Conference participating by faculty		Seminar/Conference/Lecture Organized by Department		Research paper Presentation by faculty		Research Paper Published by faculty		Book Published by faculty	
National	International	National	International	National	International	National	International	National	International
06	--	08	--	04	02	06	-	-	-

Academic Activities of the Faculty:

Prof. Sartik Bagh

Professor and Head of the Department

Conferences/Seminars

1. Paper presented in International conference on "School Education in the Era of Globalization: Vernacular versus English medium" at the University of Delhi from 16-18 November 2014 organized by Comparative Education Society of India.
2. Paper presented in International conference on "Can we have an alternative perspective on model of development in Asia" organized by NAPSIPAG on December 05th to 07th 2014 at Dhaka, Bangladesh.

Publications

1. Market Vs Democracy in Post-Liberalisation India, South Asian Journal of Socio-Political Studies, ISSN 0972-463
2. Education of Marginalized Group in India: The Role of Caste, State and Market, Indian Journal of Politics, ISSN:0303-9957

Prof. Ripu Sudan Singh:

Information not available

Dr. Shashi Kant Pandey

Assistant Professor

Research Publication

Article/Book Published (Ongoing) no

- India's Representative Democracy: How Far is it Responsive?" *Azad Academy Journal,* Lucknow, Vol.xxx No. 10, October, 2014, pp31-40
- Editing a Volume*"India's Tryst with Democracy"*(Ongoing)
- E-PG Pathsala (Political Science), MHRD project, New Delhi (Ongoing); one of the team members
- Submitted Article for aVolume being edited by Prof, R.R. Jha (Dean, F.S.S., BHU) on the Topic "*Public Policy Monitoring Mechanism in India: A Critical Analysis"* Jointly written with Dr. Sudhir Kumar Suthar and Shashi Kant Pandey (Orient Blackswan)

Seminar Participation

- Participated and Presented Paper in a National Seminar organized by Department of Sociology, BBAU on the Topic 'Women Rights as Human Rights: Beijing and after on 11-12 November, 2014.'

Organized Seminar

- Organized Two Day National Seminar on "Emerging Trends and Dynamics of Indian Politics" (21-22 March,2015).

Foreign Visit/Project

- Visited Stockholm University, Sweden (October, 2014) to work out Joint Collaborative Project
- Major Research Project submitted to the U.G.C. On the Topic "***Poverty, Education and Child Labour: A Study of Carpet Industry of Bhadohi***".

Dr. Siddhartha Mukerji

Assistant Professor

Seminars/Conferences

- Presented a paper entitled **Gendered Workplaces: Forms of Exclusion and Insecurities in India's IT-BPO Industry** in a national seminar organized by Department of Sociology, BBA University, Lucknow in November 2014
- Presented a paper entitled **Information Technology and E-Governance in India: Issues of Public Accessibility, Social**

Inclusion and Labour Rights in a national seminar on Governance and Human Rights in India and West Asia by Jamia Millia Islamia University, New Delhi from 25-26 November 2014.

- Presented a paper entitled **Look East Policy of India: Moving Towards a New Asian Age** in a national seminar on India's Foreign Policy organized by Department of Political Science, Banaras Hindu University, Varanasi from 30 April- 1 May 2015.

IV. DEPARTMENT OF SOCIOLOGY

A. 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. Department-Level Academic Activities

1. Organized ICSSR sponsored a two day National Seminar on "Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions" at Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow, Nov. 11-12, 2014.
2. Special Lecture delivered by Prof. K. Radha Krishna Murty under UGC-SAP, 2014-15

C. Faculty Details

Sr. no.	Name	Designation	Qualification	Area of Specialization	E-mail
1.	**Kameshwar Choudhary**	Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Globalization; Development Perspectives; Sociology of Education; Sociological Theory	kames.c@gmail.com
2.	**Manish Kumar. Verma**	Associate Professor & Head	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Environment and Development, Leisure and Tourism, Social Thinkers, Urbanization and Rural Ecology	mkvbbau@gmail.com
3.	**Bibhuti Bhushan Malik**	Associate 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
4.	**Birendra Narain Dubey**	Assistant Professor	M.A., M.Phil., Ph.D. (JNU, New Delhi)	Sociology of Education; Tribal Sociology; Sociology of Knowledge	dubeybbau@gmail.com
5.	**Brajesh Kumar**	Assistant Professor	M.A., Ph.D. (BHU, Varanasi)	Globalization and Youth; Social Demography; Quantitative Analysis using SPSS, Sociology of Education	bksocio@gmail.com
6.	**Jaya Shrivastava**	Assistant 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

E. Academic details /activities of the Faculty of Department of Sociology.

1. Award & recognition

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2. Book (s) /Book Chapter (s) Authored/ Edited Book/ Monograph (s)

Dr. Manish Kumar Verma

1) "Globalization and Environment: Discourse, Policies and Practices", book under publication by Manish K. Verma (ed.) Rawat Publications, Jaipur

Dr. Bibhuti Bhushan Malik

a) "Globalization, Social Exclusion and Social Justice: Some Reflections on Dalits of India", in Ishwar Modi (ed.), Gender, Identity and Multiple Marginalities. {Essays in Honour of Prof. Yogendra Singh}, Rawat Publisher, Jaipur, 2015, ISBN No-978-81-316-0667-4.

b) "Caste Based Exclusion and Inclusion of Dalits in Eastern Uttar Pradesh: A Sociological Interpolation", Caste Based Exclusion, Jagan Karade (ed.), Rawat Publisher, Jaipur, 2015, ISBN No-978-81-316-0633-9

c) "Poverty Alleviation Measures and Dalits of Eastern Uttar Pradesh: The Need for Structural Transformation", in Jagan Karade (ed.) Caste Discrimination in Modern India, Rawat Publisher, Jaipur, 2015, ISBN No-978-81-316-0568-4.

1. Details of Project Sanctioned/ Executed (during 01.04.2014-to 31.03.2015)

Dr. Bibhuti Bhushan Malik

1. "Mapping Buddhist Religious Leaders and Faith Based Organisations in India" Sponsored by UNICEFF, 2014.

2. "Uttar Pradesh State Level Nutrition Report and Report Card" Sponsored by Centre for Alternative Dalit Media (CADAM) and NACDORE, New Delhi, 2014.

Research Publication(s)

Dr. Manish Kumar Verma

a. "Health, Tradition and Awareness: A Perspective on the Tribal Health Care Practices". Published in International Journal Research Process, Aurangabad, Maharastra, Vol 2, No. 2, July-December 2014 (ISSSN-2321-211X)

b) "Modernization of Indian Tradition: Introspecting Equitable Development Paradigm". Published in I. P. Modi edited book, "Polity, Civil Society and Development" from Rawat Publications, Jaipur, 2014.

c) "Gandhi and Modernity: An Inquest in the 21st century". Chapter under publication in Prof. Anand Kumar edited book, Gandhian Way in the Era of Globalization, Rawat Publication, Jaipur

d) "Sanskritization", Course Material for Rural Sociology, M.A. Program, under publication from IGNOU, N. Delhi.

e) "Introduction", Chapter under publication in Globalization and Environment: Discourse, Policies and Practices, book under publication by Manish K. Verma (ed.) Rawat Publications, Jaipur

f) "Development Induced Displacement: Policy, Information, Awareness and Tribulations." Chapter under publication in Globalization and Environment: Discourse, Policies and Practices, book under publication by Manish K. Verma (ed.) Rawat Publications, Jaipur

g) "Environmental Health of the Communities of Fringe Areas: A Study of Lucknow City". Published in International Multidisciplinary Research Journal, Indian Streams Research Journal, Maharastra, Vol. 4, Issue 11, Dec' 2014 (ISSN No. 2230-7850)

h) "Relevance of Gandhian Modernity in the Contemporary Era." Article published in Research Process, International Journal of Social Research Foundation, Vol. 2, No. 1', January-June 2014. (ISSN-2321-211X)

Dr. Bibhuti Bhushan Malik

a. Book Review:"Handbook of European Societies: Social Transformations in the 21st Century, by Immerfall, Stefan & Göran Therborn (ed.), New York, Dordrecht, Heidelberg & London: Springer, 2010" *Comparative Sociology Vol.13, Issue* 2,2014,ISSN 1569-1322, E-ISSN: 1569-1330 (pp 255 – 257).

b. "RTE and Marginal Communities: A Perspective from the Field", *Economic & Political Weekly*, Vol. L No 5, 31 January 2015 (pp 25-27).

Dr. Birendra Narain Dubey

a) Globalization, Mass media and Culture: The Changing Scenario in India, (pp43-45), Journal of Research, Extension and Development, ISSN 2319-1899, Vol.2, No.7, March 2015, pp 42-45.

b) Bharat Me Samajik Bahiskaran Evam Anusuchit Jati ke Bachho Ka Swathya, Shodh Vimarsh, ISSN094-990X, Vol. 13, January 2015, pp 1-9.

c) Exclusion of Children from Primary School System: A Micro level Study of Lucknow Urban, UPSTREAM International Journal, ISSN 2320-768X, Vol. III, Issue II March-April, 2015, pp.51-65, Global Impact Factor: 0.725, Index Copernicus Value: 6.48.

d) Exclusion of Children from Primary School System: A Micro level Study of Lucknow Urban, UPSTREAM International Journal (Online Issue), ISSN 2321-0567, Vol. III, Issue II March-April, 2015, pp.51-65, Global Impact Factor: 0.725, Index Copernicus Value: 6.48.

e) Human Rights of Sexual Minorities in Neo liberal India, International Journal for Research and Development, ISSN 2321-3434, Vol. 2, No.6, March-April 2015, pp 40-44

Dr. Jaya Shrivastava

a) "Population Ageing and Affirmative Policy for the Elderly in India: A Need for Policy Reorientation", *Indian Journal of Gerontology*, A quarterly Journal (ISSN 0971-4189), Vol. 28 No. 2, 2014.

4. Participation in Orientation/Refresher course/ Workshop/ seminar/ Conferences

Dr. Manish Kumar Verma

- Presented a paper on the topic, "Social reality from the Perspective of a Differently-Abled Person: Some Specific Issues of Concern" in a National Seminar on the topic, Differently-Abled Person in India: Reality and Challenges organized by Centre for the Study of Social Exclusion and Inclusive Policy, Babasaheb Bhimrao Ambedkar University Lucknow on 10-11 March, 2014.

Dr. Birendra Narain Dubey

- Presented a paper titled "Potential VS Realized Access: Social Challenges of Economic Inclusion of Tribes Through PMJDY" at National Seminar on Implications of Pradhanmantri Jan Dhan Yojna on Inclusive Development: Issues and Challenges organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, February 19-20, 2015.
- Presented a paper titled "Neo-liberal India, Transgender and Human Rights: A Sociological Analysis" at National Conference on Development Challenges in Developing Nations During Post Globalised period: Social Science perspective organized by National Social Science Conference , Babasaheb Bhimrao Ambedkar University, Lucknow, December 16-17, 2014.
- Presented a paper titled "Deprivation of Scheduled Caste: A Study Based on Health Status and Access to Health care Services" at National Seminar on Development Challenges in Developing Nations During Post Globalised period: Social Science perspective organized by National Social Science Conference , Babasaheb Bhimrao Ambedkar University, Lucknow, December 16-17, 2014.
- Presented a paper titled "Youth and Vulnerability in Higher Education: A Study of Lucknow University" at 40th All India Sociological Conference on the theme of Development, Diversity and Democracy organized by the Department of Sociology, Mahatma Gandhi Kashi Vidyapeeth, Varanasi November 29-30 and December 01, 2014.
- Presented a paper titled "Out of gender Box: Exploring Gender Equality for Transgender" at national Seminar on Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions organised by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow, 19-20 January, 2014.

5. Invited Speaker/Session Chaired/in National/International Conferences detail

Prof. Kameshwar Choudhary

- Delivered a lecture in Symposium on "Samkalin Bharatiya Samaj ki Chunautiyan", at Seminar organised by Deptt. of Sociology, Lucknow University, Lucknow, 23 August 2014.
- Delivered two lectures on "Globalisation and Social Transformation: Society and Institutions", in Refresher Course in Sociology, Anthropology and Social Work on Society and Institution in India, coordinated by Deptt. of Sociology and organised by Academic Staff College, Lucknow University, Lucknow, in Nov. 2014.
- Delivered a lecture in Panel Discussion on "Development Challenges in Developing Nations during Post Globalisation Period: Social Science Perspective - Sociological Issues", on 16th Dec 2014, at National Social Science Conference, held at B.B. Ambedkar University, Lucknow, 16-17 Dec. 2014.
- Delivered Keynote Address in the Inaugural Session at National Seminar on "Status of Tribal Women in Central India: Issues and Challenges", organised by Department of Sociology & Social Anthropology, Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh, on 13-14 February 2015.
- Delivered a lecture as chief guest on the theme "Empowering Women vs. Dehumanising Society: Emerging Challenges", at One-day Symposium organised by All-India Rights Organisation in Press Club, Lucknow, 8 March 2015.
- Delivered a lecture at Symposium on "Gandhi and Ambedkar" organised under the auspices of Manyavar Kanshiram Peeth, Deptt. of Political Science, Lucknow University, Lucknow, 25 March 2015.
- Chaired Panel Discussion on "Implications of Pradhan Mantri Jan Dhan Yojana on Inclusive Development: Issues And Challenges", at National Seminar on Implications of Pradhan Mantri Jan Dhan Yojana on Inclusive Development: Issues And Challenges, organised by Department of Economics, B.B. Ambedkar University, Lucknow, February 19-20, 2015.
- Chaired Technical session on "Impact of Globalization on Human Rights, Marginalized Sections and Social Exclusion" at National Seminar on Globalization, Law & Protection of Human Rights: Issues &Challenges, organised by Deptt. of Human Rights, B.B. Ambedkar University, Lucknow, 13-14 October 2014.
- Chaired a session in National Seminar organised by Deptt. of History, B.B. Ambedkar University, Lucknow, 2014.
- Chaired Technical Session 4-B on "Political Economy of Social Development", on 16th November at 18th Annual Conference of Indian Political Economy Association, organised by Giri Institute of Development Studies, Lucknow, 15-16 Nov. 2014.

Dr. Manish Kumar Verma

- Chaired a session on, "Green Communication and Sustainable development: Social Perspective" in the National seminar on, "Green Communication and Sustainable development: Prospects and Challenges" held at Department of Journalism and Mass Communication, Babasaheb Bhimrao Ambedkar University, Lucknow on Jan' 28-29, 2015.
- Delivered a Lecture as Resource Person on the topic, "Environment in Peri-Urban Areas", at UGC-Academic Staff College, University of Lucknow, Lucknow on Nov' 19, 2014.
- Delivered a Lecture as Resource Person on the topic, "Environment & Society", at UGC-Academic Staff College, University of Lucknow, Lucknow on Nov' 19, 2014.
- Chaired a session on, "Social and Cultural Dimensions of Gender Discrimination and Inequalities in India" in the National seminar on, "Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions" held at Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on Nov' 11-12, 2014
- Delivered a Lecture as Resource Person on the topic, "Environmental Movements:

Some Pertinent Issues with Glaring Examples", at UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharastra on 23rd Aug' 2014 for the participants of Refresher Course in Sociology/Social Work/Geography held from 5th to 27th Aug' 2014.

- Delivered a Lecture as Resource Person on the topic, "Social Movements: Issues and Glaring Examples", at UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharastra on 23rd Aug' 2014 for the participants of Refresher Course in Sociology/Social Work/Geography held from 5th to 27th Aug' 2014.
- Delivered a Lecture as Resource Person on the topic, "Research Methodology in Social Sciences", at Department of Economics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharastra on 23rd Aug' 2014 for the participants of pre Ph.D. Course Work.
- Delivered a Lecture as Resource Person on the topic, "Development : An Overview", at UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharastra on 22nd Aug' 2014 for the participants of Refresher Course in Sociology/ Social Work /Geography held from 5th to 27th Aug' 2014.
- Deivered a Lecture as Resource Person on the topic, "Development, Displacement and Resettlement: Issues of Just Compensation and Adequate Resettlement", at UGC-Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharastra on 22nd Aug' 2014 for the participants of Refresher Course in Sociology/Social Work/Geography held from 5th to 27th Aug' 2014.
- Delivered a Lecture as Resource Person on the topic, "Introduction to Sociology: An Overview", at Department of Sociology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharastra on 22nd Aug' 2014 for the M.A.

Dr. Bibhuti Bhushan Malik

- Delivered Ambedkar Memorial Lecture on *Ambedkar Today*, at Kishan P.G. College, Behraich, Uttar Pradesh on 30th March 2015.
- Delivered Lectures on *Concept of Science and Scientific Research in Social Sciences* in two sessions as Resource Person at Seven Days Research Methodology Course for Ph.D. Students (SC/ST Category) on Research Methodology in Social Sciences, organized by Babasaheb Ambedkar National Institute of Social Sciences, Mohow, M.P., 28 March 2015
- Chaired a session and delivered lecture on *Interaction of Tribes with Mainstream Indian Society and Culture: Issues of Identity and Problems* at a National Seminar on "Tribal Development, Discontent, Exclusion and Tribal Identity in Contemporary Northeast India, organized by Department of Sociology, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, 27-28 February, 2015
- Presented paper on *Social Exclusion of Tribal Communities – Alternative Development Strategy for Inclusion* at a National Seminar on "Tribal Development, Discontent, Exclusion and Tribal Identity in Contemporary Northeast India, organized by Department of Sociology, Rajiv Gandhi University, Rono Hills, Doimukh, Arunachal Pradesh, 27-28 February, 2015
- Delivered a special lecturer on *Environment, Development and the Question of Ethical Principles* at the Centre for Society and Development, Central University of Gujarat on 30th January 2015.
- Co-chaired a session and delivered a lecture on "Tourism and Environmental Communication" at the National Seminar on organized by Department of Mass-Communication and Journalism, Babasaheb Bhimrao Ambedkar University, Lucknow, 29th January, 2015.
- Presented Paper *Nutritional Status of Dalits of Uttar Pradesh: A Sociological Analysis* at All-India Sociological Conference, Organized by Department of Sociology, M.G.Kashi Vidyapeeth, Varanasi, 29-30 November to 1 December 2014.
- Delivered two lectures as a Resource Person on *Poverty and Social Exclusion* at the Refresher Course in Sociology & Social Work, Organized by Academic Staff

College, Lucknow University, Lucknow, Uttar Pradesh on 25th November 2014.

- Chaired a session and delivered lecture on *Annihilation of Caste and the Philosophy of Dr. Ambedkar* at the National Seminar on "The Social Philosophy of Dr. Ambedkar" organized by Deptt. of Sociology, Banaras Hindu University, Varanasi, 15-16th November 2014.
- Chaired a session and delivered a lecture on *State, Society and Law: Ambedkar and Indian Constitution* at a National Seminar on "Society, State, Law and We the People of India" Jointly Organised by All India Rights Organization, Indian Association of Social Scientist, Lucknow Law College on 12-13th November 2014.
- Co-chaired a session and delivered a lecture on "Gender Discrimination: A Sociological Viewpoint" at the National Seminar on"Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions" organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow, November 11th – 12th, 2014.
- Presented State Advocacy Brochure on *Nutrition for Dignity: A Case of Uttar Pradesh* as a Panelist at a State Convention on 'Nutrition and Dignity' held at Gandhi Bhawan, Lucknow Organised by National Confederation of Dalit Organisation (NACDOR), New Delhi in partnership with Global Alliance for Improved Nutrition (GAIN) on 7th November 2014.
- Chaired a session and delivered a lecture on "Marginalisation, Social Exclusion and Human Rights" at the National Seminar on *Globalisation, Law and Protection of Human Rights: Issues and Challenges,* organized by Department of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow, 13th - 14th October 2014.
- Delivered Lectures on *Thinking Like a Researcher* in two sessions as Resource Person at 'Research Methodology Workshop in Social Sciences' (for ten days) organized by Deptt. of Sociology, Banaras Hindu University, Varanasi, 20-21 October 2014.
- Delivered a lecture as a Panellist on *Union Budget 2014-15 and the Marginalized Communities in India*, at a national level Discussion on *Battle for Union Budget 2014-15,* at Deputy Speaker's Hall, Constitution Club, Rafimarg, New Delhi, Organised by National Confederation of Dalit Organisation (NACDOR), New Delhi on 15th July 2014.
- Delivered a lecture as a Panellist on *Sarbshikhya Abhijan and Inclusive Uttar Pradesh* at a State Convention on 'Towards Inclusive Uttar Pradesh: Addressing Exclusion Issues in Flagship Programmes' held at Hotel Gomati, Lucknow Organised by National Confederation of Dalit Organisation (NACDOR), New Delhi, 3rd- 4th June 2014.

Dr. Birendra Narain Dubey

- Chaired a session on PMJDY, Empowerment and Corruption at National Seminar on **Implications**of Pradhanmantri Jan Dhan Yojna on Inclusive Development: Issues and Challenges organized by Department of Economics, Babasaheb Bhimrao Ambedkar University, Lucknow, February 19-20, 2015.
- Co-chaired a session on Social and Cultural Dimension of Gender Discrimination and Inequalities in India on Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions organised by Department of Sociology Babasaheb Bhimrao Ambedkar University, Lucknow, November 11-12, 2014.
- Delivered a lecture on the theme of Social Movements in India in Refresher Course organized by Academic Staff College, University of Lucknow, November19, 2014.
- Delivered a lecture on the theme of Environmental Movements in India in Refresher Course organized by Academic Staff College, University of Lucknow, November19, 2014.

Dr. Brajesh Kumar

- Presented a paper titled *Pattern of Gender Differences in Work Satisfaction in Information Technology Industry* in National Seminar on 'Gender Discrimination & Inequalities in Contemporary India: Status, Causes and Solutions' organised by the Department of Sociology, B. B. Ambedkar University, Lucknow, 11-12 November, 2014.

- Co-chaired a session in National Seminar on 'Gemder Discrimination & Inequalities in Contemporary India: Status, Causes and Solutions' organised by the Department of Sociology, B. B. Ambedkar University, Lucknow, 11-12 November, 2014.

Dr. Jaya Shrivastava

- "Dalit Women's Quest for Justice: Cases from India and Bangladesh" at the International Symposium on "Networking and Collaboration to Achieve Gender Justice: Challenges for the Strategic Roles of Women's Studies" at the Korea-ASEAN Cooperation Project (KACP) for Young Scholars in Women's Studies Universitas Indonesia, Jakarta, Indonesia, February 12-14, 2015.
- "The Role of Green Communication in Gender-Responsive Sustainable Development" in the National Seminar on "Green Communication and Sustainable Development: Prospects & Challenges", organized by Dept. of Journalism and Mass Communication, BBAU, January 28-29, 2015.
- "PMJDY and Women's Empowerment: A Sociological Analysis" at National Seminar on "Implications of Pradhan Mantri Jan Dhan Yojana (PMJDY) on Inclusive Development: Issues and Challenges", organized by Dept. Of Economics, BBAU, Feb. 19-20, 2015.
- "Consumerism in Medical Profession" presented at the National Seminar on "Rights of Consumers: Law and Policy" organized by School for Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow on February 02, 2014.
- "Social Inequalities in Health in India: Need for Transformative Innovations" at the International Workshop on "Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation" organized by the DST-Centre for Policy Research, BBAU, January 16-17, 2015.
- "Gender Gaps in Health Sector in Uttar Pradesh: Trends, Issues and Challenges", paper presented at the National Social Science Conference 2014 on "Development Challenges in Developing Nations During Post Globalisation Period: Social Science Perspective" organized by BBAU, 16-17 December, 2014.
- "Mapping the Trends of Rape in Punjab & Haryana" presented at the National Conference on "The Gender Question in Punjab and Haryana-Legal, Political and Cultural Dimensions" at Centre of Excellence, "Cultural Fixation on Honour", CPEPA, UGC, Panjab University, Chandigarh on November 27-28, 2014.
- "Dalit Women's Struggle for Justice: The Case of Dalit Mahila Smaiti" presented at the National Seminar on "Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions" organized by Department of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on November 11-12, 2014.
- "Mapping the Prevalence of Rapes in India" presented at Women's Worlds Congress organized by University of Hyderabad, Hyderabad on August 17-22, 2014.

6. Research guidance

Prof. Kameshwar Choudhary

Yes

Dr. Manish Kumar Verma

Yes

Dr. Bibhuti Bhushan Malik

Yes

Dr. Birendra Narain Dubey

Yes

Dr. Brajesh Kumar

Yes

Dr. Jaya Shrivastava

Yes

7. Membership/Fellowship of Professional/ Academic Bodies

Prof. Kameshwar Choudhary

Indian Sociological Society (ISS)

Indian Social Science Association(ISSA)

Indian Academy of Social Sciences

Dr. Manish Kumar Verma

Member, International Sociological Association (ISA)

Life Member, Indian Sociological Society (ISS)

Life Member, Rajasthan Sociological Association (RSA)

Deputy Coordinator, UGC-SAP, BBAU, Lucknow

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

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

Dr. Bibhuti Bhushan Malik

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

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

Member, Advisory Board, Journal of Social Reality, Darbghanga.

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

Indian Sociological Society

Marathi Samaj Shashtra Parishad

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. Brajesh Kumar

Member, Indian Sociological Society, New Delhi

Member, Indian Association of Teacher Educators, Bareilly

Member, DRC, Department of Sociology, B. B. Ambedkar University, Lucknow.

Dr. Jaya Shrivastava

Member, Indian Sociological Society

Member, American Sociological Society

Member, Asian Association of Women's Studies

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

Member, Editorial Board, Research Post Journal, Jaipur.

8. Google Scholar Profile

Prof. Kameshwar Choudhary

Yes

Dr. Jaya Shrivastava

Yes

Dr. Manish Kumar Verma

Yes

Dr. Birendra Narain Dubey

Yes

CENTER FOR THE STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY (CSSEIP)

Vision

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.

Academic Activities Details:

1. Award&Recognition(if any): **NA**
2. Book(s)/Book Chapter(s)Authored/ Edited/Monograph(s)(if any):
3. Details of the Project Sanctioned/ Executed(during 1.42014 to 31.3.2015)
4. Research Publication(s)
   a. National Conference/Journal/Paper Presentation(if any)
   b. International Conference/Journal/ Paper Presentation(if any)

A. Academic Staff Details

Faculty Details:

(a) Name — **Dr. PrasamitaMohanty**
(b) Designation — **Reader cum Dy. Director**
(c) Contact — **9005050810**
(d) Qualification — **M.A(Edn.),M.Phil.(Edn.),Ph.D(Edn.),MBA(Edn.Mgmt.)**
(e) Specialization — **Education(Elementary)/Scheduled Caste Girls/Correlates of Academic Achievement**.

S. No	Title with page nos.	Journal	ISSN/ ISBN No	Whether peer reviewed impact factor, if any	No. of Co-authors	Level
1.	**From Exclusion to Cohesion: Critical Reviews on Fundamental Social Issues**	**European Academic Research:An International Journal** Vol.II,Iss.1,April.2014	**ISSN-2286-4822**	Yes,3.1	-	**International**
2.	**Scholarship promotes Inclusion of Educationally Backward Girls: A case study of Ambedkar Villages**	**An International** Conflux Journal of Education,Vol-1,April,2014	**ISSN-2320-9305**	-	-	**International**
3.	**Why Deprivation Matters for Girls and women from Pre-natal to Geriatric Stage?**	**European Academic Research**:An**Internatio nal Journal** Vol.II,Iss.6,Sept..2014, ISSN-2286-4822,imact factor-3.1	**ISSN-2286-4822**	Yes,3.1	-	**International**
4.	**Futurology of Indian Education-Positivist Approach**	**European Academic Research**:An International Journal Vol.II,Iss.6,Sept..2014, ISSN-2286-4822,imact factor-3.1	**ISSN-2286-4822**	Yes,3.1	One	**International**
5.	**Conceptualizing Professional Development of Teachers-Constructivist Approach**	**An International Conflux Journal ofEducation,**Vol-2,March,2015	**ISSN-2320-9305**	-	-	**International**

1. Participation in Orientation/Refresher Course/Workshop/Seminar/Conference(if any): **NA**
2. Invited Speaker/Session Chaired in National/International Conference details(if any):**NA**
3. Research Guidance: **M.A Education Dissertation:03**

Book

a. Women Social Exclusion and Inclusion, Kalpaz Publications, New Delhi 2015, ISBN No.978-93-5128-072-9

3. Details of the Project Sanctioned and Executed(during 01/04/2014-31/03/2015):

S.N	Name	Title	Year
1	Akansha Swami	Role of Parental Income on Gender Discriminationn in Education: A Study in Lucknow District	2014-15
2	Anshuma Sharma	A Comparative Study of Learning Achievement in Mathematics among First Generation and other Generation Learners of Primary Grades in Lakhimpur District.	2014-15
3	Minakshi Pandey	Study the Effect of Examination Anxiety on Academic Achievement of 8th Grade Students of Lucknow District.	2014-15

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

Membership in Professional Bodies -

a. All India Association for Educational Research, Bhubaneswar, Orissa;

b. Indian Association of Teacher Education, New Delhi;

c. Association of Socio- Economic Development Studies, BBAU, Lucknow

d. Indian Adult Education Association, New Delhi

e. Global Educational Research Association,Jalandhar, Punjab

9. Google Scholar Profile(if available):**NA**

Faculty Detail

Name: DR. SANGEETA KRISHNA

Designation: Assistant Professor cum Assistant Director,Centre for the Study of Social Exclusion and Inclusive Policy (CSSEIP)

Contact : Mobile No: 9450710973
Email: krishna.nld@gmail.com

Qualification: MA., Ph. D

1. Awards & Recognition: Nil

2. Books/ Book Chapters /Edited Book/ Monographs(if any):

1. Folk lore and Oral Tradition in History Writing with special reference to folk songs of Marginalized Communities in India" (1857-1947)funded by Indian Council of Historical Research (ICHR),New Delhi.**(Submission Stage)**
2. 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**(Submission by July 2015)**

4. Research Publication (s)

1. 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*
2. Itihas Lekhan:Dalit Samaj Aur Vaikalpik Sroton ki Bhumika, *Hasiye ki Awaz Vol 10, No 2 January 2015* ISSN No 2277-5331.
3. Asymmetrical Rights and Responsibilities and Exclusion of Women in Economy: A Case Study of Women Vendors, *Asian Economic Review Vol 56, No.2 June 2014* ISSN No-9004-4555
4. Dalit Itihas LekhanAur Lok Sanskriti: Sanskritik Badlao Se Asmitavadi Andolan Tak, *Nirnayan* **(Accepted)**

2.(a) National Conference/Journal /Paper Presentation(if any)

1. Consumers and The Need For Awareness of Consumer Protection Act Protection in National seminar on Rights of Consumers:Law and Policyorganized by School for Legal Studies, BBAU, Lucknow on February 2, 2015
2. Innovation and Inclusion in Health in India: A Historical and Contemporary Perspective in National Social Science Congress organised by Babasaheb Bhimrao Ambedkar University, Lucknow on December 16-17, 2014.
3. The Trajectory of Democratic Social Order and Dalits: An Empirical Observation of Uttar Pradesh in National Seminar on Society State Law and We the People of India organized by AIRO,IAOSS and Lucknow Law College, Lucknow on November 12-13,2014
4. Judicial Activism in India : A Road Towards Justice to People on the Margins National Seminar on Globalization, Law & Protection of Human Rights: Issues & Challenges organised by Department of Human Rights, BBAU, Lucknow on October 13-14 ,2014
5. Dalit Women Assertion Against Systemic Discrimination, Violence and Impunity in National Seminar on Globalization, Law & Protection of Human Rights: Issues & Challenges organised by Department of Human Rights, BBAU, Lucknow on October 13-14 ,2014

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

1) Women and Culture in India: Voice of Consensus or Contestation in Women's World Congress on Gender in a Changing World , organised by University of Hyderabad, Hyderabad, August 17-12, 2014

5. Participation in Orientation, Refresher, Workshop Seminar /Conferences(if any)

1) Three weeks Refresher Course in History organised by NEHU /ASC, Shillong from November 26-December 15,2014

6. Invited Speakers/Session Chaired in National and International Conferences detail(if any): Nil

7. Research Guidance : Two(02)

One Year LLM in CPGLS, School for Legal Studies.

8. Membership /Fellowship of Professional / Academic Bodies(if any)
   1) Life Member , North Eastern Hill University Association(NEHA) (2014
   2) Life Member, Centre For Scientific & Innovative Research Studies (CSIRS) (2015)

9. Google Scholar Profile(if any) N.A

Name (in Block letters): BIBEKANANDA NAYAK

ASST.PROFESSOR –CUM- ASST. DIRECTOR, Center for the study of social exclusion and inclusive policy, Telephone no. 9451529276, Email :bibekcsss@gmail.com

Area of specialization: Sociology of Health, Ecology And Development, Social Exclusion of Dalit And Tribal

E.3.projects:

1.	Tribal Women's Livelihood Security Through The MGNREGA: A Case Study Of Kandhamal District, Orissa	UGC	2011-13	Rs.130.000/
2.	Influence Of NRHM On The Health Status Of Scheduled Caste And Scheduled Tribe Women: A Case Study In Odisha.	ICSSR, New Delhi	2014-2016	800000/

5. Seminar /Conferences

S. No.	Titled of Paper presented	Titled of conferences/seminar	Organized by	Whether international /national/state/region/college or university level
1	Women in Indian politics: issues of political participation and empowerment	Emerging trends and dynamics in Indian politics (21-22nd March, 2015	Department of political Science, Babasaheb Bhimrao Ambedkar University, Lucknow	National Seminar
2	Social exclusion of mushar community in uttar Pradesh: some reflection	Third northern regional social science congress (26th -28th February 2015)	Northern regional center-ICSSR, new Delhi & Doon university, Dehradun	national Seminar
3	PMJDY an initiative to social inclusion & empowerment: a perspective from field	Implications of PMJDY on inclusive development: issues and challenges (19-20th February,2015	Department of economics,, Babasaheb Bhimrao Ambedkar University, Lucknow	national Seminar
4	Technology and health : a discussion on tele-medicine in India	Green communication & sustainable development : prospects and challenges (28th -29th January , 2015)	Department of journalism & mass communication, Babasaheb Bhimrao Ambedkar University, Lucknow	National seminar
5	Industrialization, social exclusion and tribe: some reflection from tribe	Development challenges in developing nations during post globalization period: social science perspective (16-17, December, 2014	BBAU & collaboration with association of socio-economic development studies	national Seminar
6	Influence Of NRHM In Tribal Women Health: Some Reflection From Kandhamal District Odisha	On "Health, Gender And Development: Multidisciplinary Perspective "	*Twelfth Conference Of IASSH & University Of Lucknow,21-23 November, 2014.*	*National seminar*
7	Women Empowerment Through Information Technology	Gender Discrimination And Inequality In Contemporary India : Status, Cause And Solution" , (11-12 November, 2014)	Deparment Of Sociology, School For Ambedkar Studies, Babasaheb Bhimrao Ambedkar University, Lucknow	national conference
8	Information technology and its impact on women empowerment	Empowerment of women in India: opportunities and challenges(22 november 2014	Department of law, K.S. Saket P.G College, Ayodhya	national seminar
9.	Globalization and its impact on tribe	Globalization, law & protection of human rights: issues & challenges (13-14 oct, 2014)	Department of human rights, School for legal studies, Babasaheb Bhimrao Ambedkar University, Lucknow	national seminar
10	Ambedkar On Religion	Angarika Dharmapal & Revival Of Buddhism,((17 Semptember,2014)	International Research Institute Of Budhist Studies & Practicing Buddhist	national seminar

6. Invited Lecture and Chairmanship at national or International conference/seminar etc.

S. No.	Titled of Lecture /Academic Session	Title of Conference/ seminar	Organized by	Whether international /national/
1	Dr.Ambedkar and women empowerment	Relevance of Ambedkar philosophy	Ambekar Study Center, Kishan P.G. College, Behrachi,29-30 March,2015	national

8. Members:

- Life member- Indian sociological society
- Life member-Indian association for social sciences and health
- Life member- association for socio-economic development studies
- Life Member: Indian Political Economic Association

Dr. Md. Reyaz Ahmad

Seminar/ Conference/Workshop/ Symposia e.t.c.

1. **" In Pursuit of an Inclusive Religion: Dr. Ambedkar`s Investigation of Non- Hindu Religions"** Presented a Paper in the International Seminar on " Indian Buddhism in its Social Context : From Sakyamuni Buddha to the Present" organised by the Department of History, Babasaheb Bhimrao Ambedkar University, Lucknow, dated on 27-28 March 2014.

2. **"Concept of Good Governance ; a Need for Reforms in India."** Presented a Paper in the International Seminar on "Global Politics and Governance in 21st Century : Emerging Trends and Global Concerns" organised by the Department of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow, dated on 22 & 23 March 2014.

3. " **Reconciling the 'Irreconcilable' : Dr, Ambedkar on Religion, Modernity and Social Democracy**" Presented a Paper in the International Seminar on 'Understanding Dr. Ambedkar's Concept of Dhamma : Transforming Self and Society' organised by the School for Ambedkar Studies, Babasaheb Bhimrao Ambedkar University, Lucknow, dated on 14-15 April 2014.

4. "***Administrative reforms For Good Governance and Inclusive Growth : A Task Unfinished***" Presented a Paper in the National Seminar on 'Challenges of Good Governance in India: Problem and Prospects'. organised by the deptt. of Political Science, Mahatma Gandhi Kashi Vidyapith, Varanasi, Sponsored by University Grand Commission, New Delhi, dated on 15-16 Feb. 2014.

5. "***Inclusion of Persons with disability in Education: An evaluation of National Policy for Persons with Disabilities***" Presented a Paper in the National Seminar on Differently-Abled Person in India : Reality & challenges organised by the CSSEIP, Babasaheb Bhimrao Ambedkar University, Lucknow, Sponsored by ICSSR dated on 10-11 March 2014

6. **"Effectiveness of Financial Inclusion Through PMJDY ; A Study of Two Villages Under Minority Concentrated District (MCD)"** presented a paper in the National Seminar on Implications of Pran Mantri Jan-Dhan Yojna (PMJDY) on inclusive Development: Issues and Challenges, organised by Dept. of Economics, BBAU, 19-20 Feb-2015.

Invited/ Special Lecture Delivered

1. " ***Working of Secularism in India***" organised by the Khwaja Moinuddin Chhisti Urdu, Arabi-Farsi University, Department of Political science is conducted extension lecture on **"Secularism and Indian Democracy in 21st Century"** on 26thMarch 2015 Lucknow.

2. Chaired a session in the National Seminar on ***Implications of Pran Mantri Jan-Dhan Yojna (PMJDY) on inclusive Development: Issues and Challenges,*** organised by the Dept. of Economics, BBAU, 19-20 Feb-2015.

Research Paper Publications

1. "***Exclusion of Muslims Minority in India: Issues and Challenges for Inclusiveness",*** (Accepted for publication),BAUDDHIK BHARAT (ISSN 2320-9844) Department of

Public Administration, University of Lucknow, Lucknow-226007, (U.P), INDIA.

2. ***"Reinventing Higher Civil Services: Necessities of Administrative Reforms in India"***, (Communicated for Publication), Review of Politics, (ISSN: 0972-1436) A bi-annual research journal of Department of Political Science, Ara, Bihar.

Dr.Jogender Kumar (Research Associate)

Publication

S.N.	Publication type	Year	Title	Publisher	ISBN/ISSN
1	Research Paper	2014	Bhartiya Samaj Vyavastha ke Purvagrah Aur Samajik Parivartan.	A Journal of Asia for Democracy & Development, Morena	ISSN 0973-3833

Papers Presented in Seminars/ Conferences/ Workshop/Symposiums etc.

S. No.	Name of the Faculty	Year	Title of Paper	Seminar Theme	Organised by	International /National/Local	Dated On
1	Dr. Jogendra Kumar	2014	Bharat Mein Striyon Ko Samajik Nayay Dilane Mein Dr. Bhimrao Ambedkar ka Yogdan.	Gender, Peace, Education & Development.	Vivek College of Education, Bijnor,	International Conference	29-30 November, 2014
2	Dr. Jogendra Kumar	2014	Bharat Mein Manvadhikar: Mudde Avam Chunautian	Development Challenges in Developing Nations During Post Globalisation Period: Social Science Perspective	BBAU &ASEDS, Lucknow	National Seminar	16-17,Dec., 2014
3	Dr. Jogendra Kumar	2015	Manav Adhkar Aur Mahilaoin Ke Swasthya Sambandhi Chunautian	Population Studies & Public, Health	Department of Social Work M.G.K.V.Varanasi	National Seminar	Jan.24-25 2015
4	Dr. Jogendra Kumar	2015	Mulaya Aadharit Shiksha Avam Uski Vertman Aavshyakta	Role of Education in World Peace	Durga Prasad Baljeet College Bulanshahar	National Seminar	1 Feb.2015
5	Dr. Jogendra Kumar	2015	Grameen Samaj Ke Badalte Swarup Mein Vridhon Ka Sthan	Rural Social Structured and Change	G.T. Government P.G. College, Chitrakoot	National Seminar	22-23 Feb.2015
6	Dr. Jogendra Kumar	2015	Bharat Sarkar Ki Jandhan Yojana Aur Samajik Chunoutian	Development Country and Economic Challenges'	S.S.P.G. College, Shahjanpur	International Conference	26-27 Feb.2015

VI. 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"**, 8th -9th 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

I. DEPARTMENT OF APPLIED ANIMAL SCIENCES

Sl. No.	Name of Department	Faculty members	Page No.
01	Department of Applied Animal Sciences	**1.** Dr. Kamal Jaiswal	**02**
		2. Dr. V. Elangovan	**05**
		3. Dr. Venkatesh Kumar R.	**07**
		4. Dr. Suman Mishra	**09**
		5. Dr. Abha Mishra	**13**
02	Life Sciences	**1.** Dr. Leena Rastogi	**16**
		2. Dr. Syed Faiz Mujtaba	**16**
		3. Ms. Dilpreet Kaur	**17**
03	Basic Sciences	**1.** Dr. Santosh Kumar Singh	**19**
		2. Dr. Mohd. Tabish Qidwai	**21**
		3. Dr. Amit Dwivedi	**23**
		4. Dr. Shivesh Mani Tripathi	**23**

1. Dr. Kamal Jaiswal

Name	:	**KAMAL JAISWAL**
Designation	:	Associate Professor, Head Department of Applied Animal Sciences, B.B.A.University, Lucknow
Contact	:	Mobile: 9450413971
Qualification	:	Ph.D
Specialization	:	Parasitology
Awards and Recognition (if any)	:	1. **Silver Zubilee Medal**, Zoological Society of India, Gaya, 2014 2. **Swami Mahesha Nand Giri Gold Medal**, Indian Academy of Environmental Sciences, Hardwar, 2014

Book(s)/Book Chapter(s)/Authored/ Monograph(s)(if any)	:	**1. Edited book "Water: Past, Present & Future"** Published by Narendra Publishing House, Delhi. 2014 **ISBN: 978-93-84337-00-1** **2. Edited book "Economic Zoology (Apiculture, Sericulture, Aquaculture)"** Published by Narendra Publishing House, Delhi. 2014 **ISBN: 978-93-82471-41-7** **3.** Book Chapter in **"Water: Past, Present & Future"** titled "Bottled Water"Published by Narendra Publishing House, Delhi. 2014 **ISBN: 978-93-84337-00-1** **4.** Book Chapter in **"Water: Past, Present & Future"** titled "Water Policy Of India"Published by Narendra Publishing House, Delhi. 2014 **ISBN: 978-93-84337-00-1**
Details of the project sanctioned/executed during 1.4.2014 to 31.3.2015	:	**N.A**
Research Publication(s): **a) International Conference/Journal/Paper Presentation (if any)** **b) National Conference/ Journal/ Paper Presentation (if any)**	: : <

		6. Verma Richa and Jaiswal Kamal, " **"Study of the acricide resistance in ticks; A review"** 25th National Congress of Zoology and National Seminar on Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change during 17-19 November, 2014 at Gurukula Kangri University, Haridwar. **7. Angare R., and Jaiswal K., "Ethnoveterinary medicine; a critical review of its evolution"** 25th National Congress of Zoology and National Seminar on Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change during 17-19 November, 2014 at Gurukula Kangri University, Haridwar.
Participation in Orientation Programme / Refresher course/Workshop/Seminar/ conferences (if any)	**:**	**Conference/Symposium organized:** 1. International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions" 30th -31th October, 2014 at BBAU, Lucknow 2. Indo US symposium on "Contemporary Issues in Cell Kinetics" 29th -30th October, 2014 at BBAU, Lucknow **Participation in Orientation Programme /Refresher course/ Workshop/Seminar/conferences:** 1. National Seminar on Implications of Pradhan Mantri Jan Dhan Yojna on Inclusive Development: Issues and Challenges.19-20 February,2015 2. Global Biodiversity Meet on Parasites and Aquatic Ecosystem Health and International Satellite Workshop on Biotechnological approaches for Environmental Sustenance, from12-15 December, 2014 organized by Department of Zoology, Parasitology Laboratory, Allahabad Central University, Allahabad 3. National Social Science Conferene-2014, 16-17 December, 2014
Invited Speaker/Session chaired in National/International Conference detail (if any)	**:**	Session chaired in "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
Research Guidance (if any)	**:**	**Thesis Awarded: 06**
Membership/fellowship of Professional/Academics bodies(if any)	**:**	
Google Scholar Profile (if available)	**:**	

2. Dr. V. Elangovan

A.	Name of the Department	:	Department of Applied Animal Sciences
B.	Introduction of the Department	:	1997
C.	Department level Academic Activities	:	M Sc and Ph D Teaching programs
D.	Faculty Details		
a.	Name	:	Dr. V. Elangovan
b.	Designation	:	Associate Professor
c.	Contact		
d.	Email	:	elango70@yahoo.com
e.	Mobile	:	9235565647
f.	Qualification	:	Ph. D.
g.	Specialization	:	Behavioural Ecology and Conservation Biology
1.	Award & Recognition	:	Nil
2.	Books Published	:	Nil
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

4. 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.		ISBN/ ISSN No.	Impact Factor
1	Scanning electron microscopy study of guard hair of three Indian pteropodid bats	Mammalia	Kumar, M., Mathur, V., Priya, Y. S., Kumar, H and Elangovan, V	78(4): 533 - 537.	2014	ISSN 1864-1547	0.824
2	Scanning electron microscopy study of guard hair of three Indian pteropodid bats	Mammalia	Kumar, M., Mathur, V., Priya, Y. S., Kumar, H and Elangovan, V	78(4): 533 - 537.	2014	ISSN 1864-1547	0.824
3	Studies on Biochemical Changes of Fungal Infected Mulberry Leaves and their Effect on Growth and Cocoon Characteristics of the Silkworm (*Bombyxmori*) (Lepidoptera: Bombycidae)	Entomologia Generalis	Harendra K., Yuvana, S. P. Mukesh, K and Elangovan, V	35(1): 1–10	2014	ISSN 0171-8177	0.286

4	Rearing Performance of Eri Silkworm (Philosamiaricini) during autumn Season of Uttar Pradesh.	Indian Journal of Sericulture	Rajesh Kumar and Elangovan, V	52(2): 131 - 138.	2013	ISSN 0445-7722	H Index: 8
5	Foraging ecology and behaviour of bats.	Advances in Life Sciences	Mathur, V., Kumar, M., Kumar, H., Yuvana, S. P and Elangovan, V	3(1): 36-40.	2014	ISSN: 2278-3849	-
6	Roost selection and roosting ecology of fulvous fruit bat, *Rousettus leschenaulti* (Pteropodidae)	International Journal of Advanced Biological Research	Mukesh Kumar, YuvanaSatyaPriya, VirendraMathur and Vadamalai Elangovan	5(1): 62-68	2015	ISSN 2250 – 3579	-

5. Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences: 01

   Vadamalai Elangovan and Mukesh Kumar (2014) Hair morphology of furit bats.National symposium on behavioural ecology on molecules to organisms and 38th Annual conference of Ethological Society of India, organized by the Dept of Zoology, BHU between 7 and 9 November 2014.

6. Invited Speakar/Session Chaired in National/International Conferences detail: Nil

7. Research guidance:01

8. 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)

9. Google Scholar Profile: Dr. Vadamalai Elangovan

Citation indices	All	Since 2010
Citations	237	126
h-index	10	7
i10-index	10	5

3. Dr. Venkatesh Kumar R.

A. Faculty Details:

Name- Dr. Venkatesh Kumar R.

Designation- Assistant Professor

Contact- 9838616937

Qualification- M.Sc., Ph.D.

Specialization- Sericulture

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

1. **Awards & Recognition-** Recognized for contribution in "World Event on Essay Writing" Organized by Karnataka State Pollution Control Board, Karnataka and Shristi International, Bangalore.
2. **Book(s)/ book chapter(s) Authored/ Edited Book/ Monograph(s) (if any)-** N.A.
3. **Projects sectioned / Executed-** N.A.
4. **Research publication(s) – (a)** International- 06

Sl. No.	Authors name	Title	Name of the Journal	Page no	Year of Publication	ISSN No.	Impact Factor
1.	Dhiraj Kumar and Ram Pher Venkatesh Kumar R	Varietal influence of mulberry on Silkworm, Bombyx mori L. growth and development	International Journal of Advance Research	pp 11-18	2014	ISSN: 2320-5407	Peer reviewed IF.1.659
2.	Dhiraj Kumar and R. Venkatesh Kumar	Efficacy of bio-foliar spray on growth and biochemical parameters of different mulberry varieties	Online journal of Biological Sciences	Vol. 14 pp 64-69	2014	ISSN: 1608-4217	Peer reviewed
3.	N. A. VyryWouatsa, LaxminarainMis ra, and R. Venkatesh Kumar	Antibacteril Activity of Essantial Oils, Ocimumcanum and Xylopiaaethiopica	Journal of Food Science	Vol. 79, pp 972-977	2014	ISSN: 1750-3841	Peer reviewed IF.1.791
4.	Sunil G Babu, Abhishek Pandeya, Neelam Verma, Nikita Shukla, R Venkatesh Kumar, Sangeeta Saxena	Role of HCMV miR-UL70=3p and miR-UL148D in overcoming the cellular apoptosis:	Molecular and cellular biochemistry	Vol. 393 pp 89-98	2014	ISSN: 0300-8177	Peer reviewed IF:2.33
5.	Seema Chauhan, Uma Devi, Venkatesh R Kumar, Vikas Kumar, Firoz Anwar, Gaurav Kaithwas	Dual inhibition of arachidonic acid pathway by mulberry leaf extract	Inflammopharma cology	Vol. 23 (1) pp1-6	2014	ISSN: 0925-4692	Peer reviewed
6.	Venkatesh Kumar R, Nandkishore More, Sushila Kannougia, Param Dev, Brijesh Ranjan and Yashwant Kumar	Chromium Accumulation by Eisenia foetida in Modified Vermicompost Supplemented with Tannery Sludge	Journal of Agroecology and Natural Resource Management (JANRM)	Vol. 1(4) pp. 291-293	2014	ISSN: 2394-0786	Peer reviewed

(b) National- Nil

5. Participation in Orientation/Refresher Course/Workshop/ Seminar/ Conferences

a. Attended in the DST-Sponsored workshop on Mass Spectrometry for Proteomics held on 6-8thAugust, 2014, organized by Advanced Instrumentation Research Facility, JNU,New Delhi 67.

b. Participated and presented a paper in the World Congress on AFHAFBC-2014, organized by Krishi Sanskriti on 6-7 December, 2014 held at JNU,New-Delhi,India.

6. Invited speaker/ Session Chaired in National/ International conference – Nil

7. Research Guidance- Presently 04 students working under my supervision

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

9. Google Scholar Profile (if available)- Yes

Google Scholar Profile of Dr. Venkatesh Kumar R.

Citation indices	All	Since 2010
Citations	96	93
h-index	5	5
i10-index	2	2

4. Dr. Suman Mishra

Name	:	**SUMAN MISHRA**
Designation	:	Assistant Professor Department of Applied Animal Sciences, B.B.A.University, Lucknow
Contact	:	drsumanmishra@gmail.com Mobile: 9450413971
Qualification	:	Ph.D
Specialization	:	Parasitology
Awards and Recognition (if any)	:	1. **S. P. Gupta Medal**, Zoological Society of India, Gaya, 2014 2. **Dr. K. K. Tyagi Memorial Gold Medal**, Indian Academy of Environmental Sciences, Hardwar, 2014 **Patents Granted to Dr. Suman Mishra (*nee* Tiwari) :** Patent Granted in India A process for the preparation of antigen useful for early diagnosis diagnosis of visceral leishmaniasis G.K. Jain, **Suman Tiwari,** S. Gupta and J.C. Katiyar **Indian Patent No 187039** (Grant Date 16 August 2002) **Patent Granted Abroad** Composition useful for early diagnosis of visceral leishmaniasis and a process for preparing the same. G.K. Jain, **Suman Tiwari,** S. Gupta and J.C. Katiyar Europe Patent No. 0997734 (Grant Date-20/12/2006) Israel Patent No.-126852 (Grant Date-06/05/2006) US Patent No.-6423529 (Grant Date-23/7/2002) Bangladesh Patent No.-1003158 (Grant Date-27/7/2000)
Book(s)/Book Chapter(s)/Authored/ Monograph(s) (if any)	:	**Edited book "Water: Past, Present & Future"** Published by Narendra Publishing House, Delhi. 2014 **ISBN: 978-93-84337-00-1** Book Chapter in **"Water: Past, Present & Future"** titled "Water Borne Diseases" **ISBN: 978-93-84337-00-1** 2014, Published by Narendra Publishing House, Delhi. Book Chapter in **"Water: Past, Present &Future"** titled "Future of Water in India" **ISBN: 978-93-84337-00-1** 2014, Published by Narendra Publishing House, Delhi.

Details of the project sanctioned/ executed during 1.4.2014 to 31.3.2015	**:**	**N.A**
Research Publication(s): International Conference/Journal/ Paper Presentation (if any)	**:**	**1. Mishra, S. and** Kaur, Dilpreet**, "**A Review of Ectoparasites and their Effect on Livestock Production" **2.** Kaur, Dilpreet **and Mishra, S., "** Studies on Selected Ethnoveterinary Plants for their Repellant Properties against Ixodid Ticks**"** 3. Mukta Mayee Kumbhar and **Suman Mishra.** Screening of Hymenopteran Insects for Microsporidian Infection". Abstract No.- PP-117.
National Conference/Journal/Paper Presentation (if any)	**:**	**3.** Singh, Anita and **Mishra, Suman, "**Population Dynamics of Trematode Parasite in Freshwater Fish *Channapunctatus* from Lucknow Region, Uttar Pradesh, India**"** **International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions" 30th -31th October, 2014 at BBAU, Lucknow.** **4. Kaur, Dilpreet and Mishra, S., "**Evaluation of the Acaricidal Effect of *Aegle Marmelos* Against the Cattle Tick" **. (Abstarct No: PP 094, Page No: 162)** **25th National Congress of Parasitology on "Global Challenges in the Management of Parasitic Diseases" 16th – 18th October, 2014 at CSIR-CDRI, Lucknow** **5.** Kaur, Dilpreet and **Mishra, S., "** Studies on Prevalence of Ticks in Cattle and Evaluation of Selected Ethnoveterinary Plants for theirAnti-tick Properties". **6.** Singh, Anita and **Mishra Suman, "**Survey of Helminth Parasites of two freshwater catfishes from Lucknow Region, Uttar Pradesh, India". **7.** Mukta Mayee Kumbhar and **Suman Mishra.** "Polar Tube: A Diagnostic Tool for Characterization of Microsporidia". Abstract No.- 176 **25th National Congress of Zoology and National Seminar on Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change during 17-19 November, 2014 at Gurukula Kangri University, Haridwar**. **8. Mishra, S**. and Kaur, Dilpreet**,"** A Study on Prevalence of Ticks in Livestock **Prospects of Life Science for Human Welfare with Special Reference to Chhattisgarh & First Chhattisgarh Congress of Zoology** **9. Mishra, S.** and Kaur, Dilpreet "Ethnoveterinary Plants with Anti-Tick Effect: An Alternative to Synthetic Acaricide" **Global Biodiversity Meet on Parasites and Aquatic Ecosystem Health and International Satellite Workshop on Biotechnological approaches for Environmental Sustenance, 12-15 December, 2014**

Participation in Orientation Programme /Refresher course/Workshop/Seminar/conferences (if any)	:	**Conference/Symposium organized:** International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions" 30th -31th October, 2014 at BBAU, Lucknow Indo US symposium on "Contemporary Issues in Cell Kinetics" 29th -30th October, 2014 at BBAU, Lucknow **Participation in Orientation Programme /Refresher course/ Workshop/Seminar/conferences:** National Seminar on Implications of Pradhan Mantri Jan Dhan Yojna on Inclusive Development: Issues and Challenges.19-20 February,2015 Global Biodiversity Meet on Parasites and Aquatic Ecosystem Health and International Satellite Workshop on Biotechnological approaches for Environmental Sustenance, from12-15 December, 2014 organized by Department of Zoology, Parasitology Laboratory, Allahabad Central University, Allahabad National Social Science Conferene-2014, 16-17 December, 2014 UGC sponsored "**Special Summer School/Refresher Course**" from 2-21 June, 2014 at UGC-Academic Staff College, University of Lucknow, Lucknow, and successfully completed the programme with Grade 'A'.
Invited Speaker/Session chaired in National/International Conference detail (if any)	:	**Mishra, S., "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 from 12-14 April, 2015
Research Guidance (if any)	:	**Thesis Awarded: 02**
Membership/fellowship of Professional/Academics bodies(if any)	:	
Google Scholar Profile (if available)	:	

5. Dr. Abha Mishra

Name : Abha Mishra

Designation : Assistant Professor

Contact No : 9450710387

Qualification : MSc, PhD

Specialization : Fish and Fisheries

Academic Detail:

Award and Recognition: Nil

Book/Book Chapter:

1) **Abha Mishra**, Sarita Gupta, Sneha Verma, Anurag Rawat (2014). Comparative study of fish guano and fertilizer formulations on vegetative growth of temperate crop (Tomato). In, ***Functional Biology and Biotechnology***. Eds. Serajuddin, Tripathi and Arshad, Published by Excellent Publishing House, New Delhi. Page No. 61-63, ISBN: 978-93-83083-58-9.

2) **Abha Mishra**, Harshita Pandey (2014). Histopathological effects of chlorpyrifos, an organophosphate insecticide, on ovary of

fresh water teleost *Channa punctatus* during pre-spawning season. In, ***Biodiversity and Environment***. Eds. Serajuddin, Tripathi, Kanaujia and Arshad.Published by Excellent Publishing House, New Delhi.Page No. 86-88, ISBN: 978-93-83083-57-2.

3) Akhilesh Kumar, **Abha Mishra**, Amita Kanaujia (2014). Effect of sub-lethal concentration of cadmium sulphate on behavior and morphology of fresh water catfish, Heteropneustes fossilis (Bloch) in Lucknow, India.In, ***Biodiversity and Environment***. Eds. Serajuddin, Tripathi, Kanaujia and Arshad.Published by Excellent Publishing House, New Delhi.Page No. 189-194, ISBN: 978-93-83083-57-2.

4) **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.

Project sanctioned/excuted:

1. Project sanctioned/excuted: DBT in collaboration with NBFGR as co-investigator: "Identification and evaluation of reproductive traits and genetic structure of *Ompok bimaculatus* in India" of total cost in Rs. 55,31,000/- for three years (27 Sept 2011 to 26 Dec 2014). **Final report submitted**

2. DST – SARC - FAST TRACK – SERB-Young Scientist as principal investigator: "Teratogenic effects of Hilban®, an organic insecticide, on fresh water fish *Channa punctatus* (Bloch, 1793)" of total cost in Rs. 24,00,000/- for three years (28 May 2012 to 27 May 2015).

3. CST,UP as principal investigator: "Toxicological effect of chlorpyrifos, an insecticide, on the behavioral, physiological and biochemical aspects of fresh water fish *Channa punctatus*during its life span" of total cost in Rs. 8,40,000/- for three years (awarded on12.9.12, started on14.2.13 to 13.2.16).

Research publication:

A. National conference:

1. KC Yadav, **A Mishra**, S Raizada, V Sahu, PP Srivastava.Influence of formulated diet on survival and growth of giant snakehead, *Channa marulius* reared in pond condition. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* 2014. (IF 0.396) Doi 10.1007/s40011-014-0414-8. ISSN 0369-8211.

B. International conference:

1. **Abha Mishra** and Yogita Devi. Histopathological alterations in the brain (optic tectum) of the fresh water teleost *Channa punctatus* in response to acute and subchronic exposure to the pesticide Chlorpyrifos. ***Acta Histochemica 2014, 116:176-181. (IF 1.608)***

2. **A. Mishra**, N. Mishra, A. Rawat, S. Verma. Effect of an organophosphate insecticide, chlorpyriphos on mortality and haematology of freshwater butter catfish *Ompok bimaculatus* (Bloch, 1794). ***Pensee Journal 2014, 76(5) 452-461. (IF 0.09)***

Participation in Orientation/refresher course/ workshop/Seminar /Conference:

1. Work shop on "Use of Post Harvest Management Techniques in Horticultural Crops" held on 31st March and 1st April, 2014 by Department of Applied Plant Science (Horticulture), BBAU, Lucknow.

2. Hands-on-Training on SEM, FTIR, FPLC and Ion Chromatography by University Science Instrumentation center, Babasaheb Bhimrao Ambedkar University, Lucknow, February 18-20, 2015.

3. 101st Indian Science Congress, by The Indian Science Congress Association, Kolkata at University of Jammu, Jammu. 3-7 February 2014.

4. National Symposium on Frontiers in Modern Biology 'Innovations in Science and Technology for Inclusive Development". The Indian Science Congress Association, Sagar Chapter By Department of Zoology, Dr H.G.C. University, Sagar, India. 24-25 March 2014.

5. 2nd Lucknow Science Congress, Leveraging Science and Innovation for Development

BBAU, Lucknow, India, 27-28 March, 2014.

6. The Indian Science Congress Association 14, Dr Biresh Guha Street, Kolkata-700017, University of Mumbai, 3-7 January 2015.

7. International Conference on Environmental Technology and sustainable development: Challenges and Remedies. By Department of Environmental Science, BabaSaheb Bhimrao Ambedkar University, Lucknow. 21-23 February 2014.

8. National Conference on Information Security Challenges (NCISC-2014). By Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow on 28th March 2014

9. International Conference on Faunal Biodiversity and their Conservational Strategies. By Zoology Department, Lucknow University, Lucknow. 22-23 March 2014.

10. 10th International Symposium on Reproductive Physiology of Fish. Olhao,Portugal, 25-30 May 2014.

11. International Symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions", by Babasaheb Bhimrao Ambedkar University, Lucknow. 30-31 October, 2014.

12. International symposium on Reproductive Biology and Comparative Endocrinology, by Department of Zoology, Banaras Hindu University, Varanasi, India, 25-27 February 2015.

Invited Speaker/Session chaired in national/international conference:

1. Abha Mishra. Toxicological effect of organophosphorous pesticide, chlorpyrifos, on fresh water teleost *Channa punctatus* (Bloch). In, The Indian Science Congress Association - Sagar Chapter, "National symposium on Frontiers in Modern Biology (Technology Transfer, knowledge Translation and social Transformation) "Innovations in Science and Technology for Inclusive Development" March 24-25, 2014.
2. Abha Mishra. Teratogenic effect of chlorpyrifos in fresh water fish. The Indian Science Congress Association 14, Dr Biresh Guha Street, Kolkata-700017, University of Mumbai, 3-7 January 2015.
3. Member of organizing committee of "International Symposium on Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions" organized by BBAU in collaboration with the Indian Academy of Environmental Sciences, Haridwar, Uttarakhand from 30-31st October 2014.
4. Rapporteur in "International Symposium on Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions" organized by BBAU in collaboration with the Indian Academy of Environmental Sciences, Haridwar, Uttarakhand from 30-31st October 2014.
5. Rapporteur in "International Symposium on Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation" organized by Department of Applied Plant Sciences, BBAU in collaboration with the Indian Society of Horticultural Research and Development (ISHRD) from 16-18th October 2014.

Research Guidance:

1. **Seasonal distribution of helminth parasites and their effect on biochemical profile of scaly and catfish.**Krishna Singh, Enrolment No. 1311/07, 2011.(2014)
2. **Toxicological effect of organophosphorous pesticide, chlorpyrifos on survival, histology and biochemical aspects of fresh water teleost, *Channa punctatus* (Bloch).**Ms. Yogita Devi, Enrolment No. 1267/08, (2014).
3. **A comparative study of sublethal effect of cadmium composition on different tissues of freshwater fish *Channa punctatus*.**Bela Turkey Kaushal,Enrolment Number: 124/08.(2014).

Membership/fellowship of professional/Academic Bodies: Nil

Google Scholar Profile:

Citation indices	All	Since 2010
Citations	118	78
h-index	6	5
i10-index	5	4

LIFE SCIENCE

GUEST FACULTY

1. Dr. Leena Rastogi

A. Name of Department : Department of Applied Animal Sciences

B. Introduction of the Department : Life Sciences

C. Department Level Academic Activities : Introduction of course of MSc Life Sciences in academic year 2014-2015.

D. Faculty Detail (Name, Designation, Contact, Qualification, Specialization)

Name : Dr Leena Rastogi

Designation : Guest Faculty

Contact : mobile no: 9452966507

Qualification : MSc, PhD in Biochemistry

E. Academic details/activities of the faculty of your department under the following heads

1. Award & recognition: **Nil (during 1.4. 2014- 31.3.2015)**
2. Books/book chapters authored/edited book/monograph: **Nil (during 1.4. 2014-31.3.2015)**
3. Details of project sanctioned/executed (during 1.4.2014 to 31.3.2015): **Nil**
4. Research publications

a. National conference/journal/ paper presentation : **Nil**

b. International conference/ journal/paper presentation: **Nil**

5. Participation in orientation/refresher course/workshop/seminar conference: **Nil**
6. Invited speaker/session chaired in national/international conference detail: **Nil**
7. Research guidance: **Nil**
8. Membership/ Fellowship of Professional /Academic Bodies: **Nil**
9. Google scholar profile:**Not created**

2. Dr. Syed Faiz Mujtaba

Department - Dept. of Applied Animal Sciences

Name - Dr. Syed Faiz Mujtaba

Designation - Assistant Prof. (Guest Faculty)

Contact - 09415576928

Qualification - M.Sc. (Zoology), Ph.D (Phototoxicology)

Specialization - Environmental Toxicology

Publications - 11

(1) Photochemistry & Photobiology; B Biology-1

(2) Toxicology Letters-1

Participation in conference- 05

(1) International Conference on Biodiversity

Membership- Associate Member of American Photobiology Society

3. Dilpreet Kaur

Name	:	**DILPREET KAUR**
Designation	:	Guest Faculty/Research Scholar in the Department of Applied Animal Sciences, B.B.A.University, Lucknow
Contact	:	dp.zology@gmail.com
Qualification	:	M.Sc. Zoology CSIR-UGC NET-2012,2010,2009
Specialization	:	Parasitology and Fisheries
Awards and Recognition (if any)	:	**Young Scientist Gold Medal from Zoological Society of India** on the occasion of 25th National Congress of Zoology and National Seminar on Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change during 17-19 November, 2014 at Gurukula Kangri University, Haridwar. Won 3rd Prize in the "**Inter Departmental Quiz competition**" organized by the Department of Environment Science on the occasion of "World Environment Day" on 5th June 2014.
Book(s)/Book Chapter(s)/Authored/ Monograph(s)(if any)	:	Book Chapter in **"Water: Past, Present & Future"** titled **Tourism, Water and Sanitation in India. ISBN: 978-93-84337-00-1** 2014, Published by Narendra Publishing House, Delhi.
Details of the project sanctioned/ executed during 1.4.2014 to 31.3.2015	:	**N.A**
Research Publication(s): **International Conference/Journal/Paper Presentation (if any)**	:	**1. Kaur, Dilpreet and Mishra, S.," Studies on Selected Ethnoveterinary Plants for their Repellant Properties against Ixodid Ticks"** International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions" 30th -31th October, 2014 at BBAU, Lucknow. (Abstarct No: 257, Page No: 171)
National Conference/Journal/Paper Presentation (if any)	:	**1.Kaur, Dilpreet and Mishra, S.," Evaluation of the Acaricidal Effect of *Aegle Marmelos* Against the Cattle Tick"** 25th National Congress of Parasitology on "Global Challenges in the Management of Parasitic Diseases" 16th – 18th October, 2014 at CSIR-CDRI, Lucknow. (Abstarct No: PP 094, Page No: 162)

		2.Kaur, Dilpreet and Mishra, S.," Studies on Prevalence of Ticks in Cattle and Evaluation of Selected Ethnoveterinary Plants for their Anti-tick Properties 25th National Congress of Zoology and National Seminar on Threats to Biodiversity and Ecosystems: Impact of Developmental Projects and Climate Change during 17-19 November, 2014 at Gurukula Kangri University, Haridwar. **(Abstarct No: OP 257, Page No: 171)**
Participation in Orientation Programme /Refresher course/Workshop/Seminar/ conferences (if any)	:	1. Hands on Training on SEM, FPLC, FTIR and Chromatography from 18th -20th February, 2015 at BBAU, Lucknow 2. Indo US symposium on "Contemporary Issues in Cell Kinetics" 29th -30th October, 2014 at BBAU, Lucknow
Invited Speaker/Session chaired in National/ International Conference detail (if any)	:	**N.A**
Research Guidance (if any)	:	**N.A**
Membership/fellowship of Professional/ Academics bodies(if any)	:	Life Member of Zoological Society of India. Membership No: D-45
Google Scholar Profile (if available)	:	**N.A**

BASIC SCIENCES
GUEST FACULTY

1. Dr. Santosh Kumar Singh

A. Name of the Department : Applied Animal Science (Basic Science)

B. Department Level Activity: Only teaching till Date

C. Faculty Details:

1. **Name** -Dr. Santosh Kumar Singh
2. **Designation-**Guest Faculty
3. **Contact-**F-75, South City, Lucknow (9455137512)
4. **Qualiication**

Name of the Degree	Year of passing	Name of Institute/ University/ Board	Marks Obtained	Subjects
High School (10th)	1996	**UP** Board	73%	Hindi, Eng., Maths, Science, Biology
Intermediate (10+2)	1998	**UP** Board	69%	Hindi, Eng., Maths, Physics, Chemistry
B.Sc. (Hons)	2002	Banaras Hindu University, Varanasi. **(BHU)**	62%	Physics, MathsChemistry.
M.Sc.(Phys)	2004	Indian Institute of Technology , Mumbai **(IITBombay)**	6.33 (out of scale 10)	Physics
Ph.D.	2011	**Physical Research Laboratory** (**PRL**), Ahmedabad.**Degree Awarded by**: Mohanlal Sukhadia University, Udaipur (Date 21/03/2011) **Thesis Title** : Neutrino Masses and Leptogenesis **Thesis Supervisor**- Prof. UtpalSarkar, PRL, Ahmedabad		Neutrino Physics, Astroparticle Physics, Grand Unification.
JRF & NET	2004	CSIR-UGC **JRF** Awarded		Physical Science

5. Specialization Elementary Particle Physics.

A. Academic Details :

1. Research publication:

S. No	Title	Journal	ISSN No.	Impact Factor
1	Neutrino dark energy in grand unified theories	Phys.Rev.D 80:073013,2009	1550-7998	4.558
2	Left-right symmetric model of neutrino dark energy	Phys.Lett.B 663:83-85,2008	0370-2693	3.955
3	CP Violation in neutrino mass matrix	Nucl.Phys.B 771:28-39,2007	0550-3213	4.642
4	Leptogenesis and low energy CP phases with two heavy Neutrinos	Phys.Rev.D 74:093001,2006	1550-7998	4.558

2. Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences

Name	Organization	Duration
Main SERC school on 'Theoretical High Energy Physics'	Physical Research Laboratory Ahmedabad	February 11-March 3, 2006
DAE-BRNS High Energy Physics Symposium	IIT Kharagpur	December 11-15, 2006
Main SERC school on 'Theoretical High Energy Physics'	IIT Bombay, Mumbai	February 6-26, 2008
DAE-BRNS High Energy Physics Symposium	Banaras Hindu University, Varanasi	December 14-18, 2008
Workshop on High Energy Physics Phenomenology (WHEPP XI)	PRL, Ahmedabad	January 2-12, 2010
Nu HoRIzons IV (Neutrinos in Physics, Astrophysics and Cosmology)	HRI, Allahabad	February 23-25, 2011

2. Dr. Mohd. Tabish Qidwai

Name of the Department: Applied Animal Sciences (Basic Science)

Introduction of the Department: B.Sc./M.Sc. Basic Science

Department level Academic Activities: NIL

Faculty Details

Name: Dr. Mohd. Tabish Qidwai

Designation: Guest Faculty

Contact: 9451025175

Email: tabish.qidwai@gmail.com

Qualification: M.Tech. & Ph.D. in Biotechnology Engineering

Specialization: Functional Genomics and Drug Designing

Academic Details/activities

1. Award & Recognition: Rashtriya Gaurav Award
2. Book/Book chapter/edited book: NIL

3. Details of the project sanctioned: NIL
4. Research Publication
   (a) National conference/journal/paper presentation: NIL
   (b) International conference/journal/paper presentation: 04(International papers in journal)
5. Participation in Orientation/ Refresher course, workshop/ seminar/conferences:01(workshop)
6. Invited speakers/session chaired in national/International conferences: NIL
7. Research guidance: NIL
8. Membership/ fellowship of professional/academic bodies:01
9. **Google scholar profile**

Molecular Biology, Immunology, Bioinformatics

Citations	**260**
h-index	**10**
i10-index	**11**

Title	Cited by	Year
Tumour necrosis factor gene polymorphism and disease prevalence T Qidwai, F Khan, Scandinavian journal of immunology 74 (6), 522-547	53	2011
Inducible nitric oxide synthase (iNOS) gene polymorphism and disease prevalence T Qidwai, F Jamal, Scandinavian journal of immunology 72 (5), 375-387	31	2010
CR1 levels and gene polymorphisms exhibit differential association with falciparum malaria in regions of varying disease endemicity S Sinha, GN Jha, P Anand, T Qidwai, SS Pati, S Mohanty, SK Mishra, Human immunology 70 (4), 244-250	31	2009
Variations in host genes encoding adhesion molecules and susceptibility to falciparum malaria in India S Sinha, T Qidwai, K Kanchan, P Anand, GN Jha, SS Pati, S Mohanty, Malar J 7 (250), 250	23	2008
Potential of peroxidase enzyme from Trichosanthes diocia to mediate disperse dye decolorization in conjunction with redox mediators F Jamal, PK Pandey, T Qidwai, Journal of Molecular Catalysis B: Enzymatic 66 (1), 177-181	21	2010
Distinct cytokine profiles define clinical immune response to falciparum malaria in regions of high or low disease transmission S Sinha, T Qidwai, K Kanchan, GN Jha, P Anand, SS Pati, S Mohanty, European cytokine network 21 (4), 232-240	15	2010
Azo and anthraquinone dye decolorization in relation to its molecular structure using soluble Trichosanthes dioica peroxidase supplemented with redox mediator F Jamal, T Qidwai, PK Pandey, R Singh, S Singh, Catalysis Communications 12 (13), 1218-1223	14	2011
Antimalarial drugs and drug targets specific to fatty acid metabolic pathway of Plasmodium falciparum T Qidwai, F Khan, Chemical biology & drug design 80 (2), 155-172	11	2012
Deletion of the APOBEC3B gene strongly impacts susceptibility to falciparum malaria P Jha, S Sinha, K Kanchan, T Qidwai, A Narang, PK Singh, SS Pati, Infection, Genetics and Evolution 12 (1), 142-148	11	2012
Biocatalytic activity of immobilized pointed gourd (Trichosanthes dioica) peroxidase–concanavalin A complex on calcium alginate pectin gel F Jamal, T Qidwai, D Singh, PK Pandey, Journal of Molecular Catalysis B: Enzymatic 74 (1), 125-131	10	2012
Catalytic potential of cauliflower (Brassica oleracea) bud peroxidase in decolorization of synthetic recalcitrant dyes using redox mediator F Jamal, T Qidwai, PK Pandey, D Singh, Catalysis Communications 15 (1), 93-98	10	2011

Optimization of internal conditions for biocatalytic dye color removal and a comparison of redox mediator's efficiency on partially purified Trichosanthes dioica peroxidase F Jamal, S Singh, T Qidwai, PK Pandey, D Singh, Journal of Molecular Catalysis B: Enzymatic 74 (1), 116-124	7	2012
QSAR, docking and ADMET studies of artemisinin derivatives for antimalarial activity targeting plasmepsin II, a hemoglobin-degrading enzyme from P. falciparum T Qidwai, D K Yadav, F Khan, S Dhawan, R S Bhakuni, Current pharmaceutical design 18 (37), 6133-6154	6	2012
DNA sequence variation and regulation of genes involved in pathogenesis of pulmonary tuberculosis T Qidwai, F Jamal, MY Khan Scandinavian journal of immunology 75 (6), 568-587	5	2012
QSAR and docking based semi-synthesis and in vivo evaluation of artemisinin derivatives for antimalarial activity D Kumar Yadav, S Dhawan, A Chauhan, T Qidwai, P Sharma, Current drug targets 15 (8), 753-761	3	2014
Factors modifying transcriptional regulation of signaling genes have putative role in tumor development and progression in humans MT Qidwai, F Jamal, D Singh, RK Sharma, Medical hypotheses 79 (6), 805-812	3	2012
Genetically modified (GM) foods: A brief perspective F Jamal, QS Haque, T Qidwai, AK Paliwal, International Journal of Biotechnology and Biochemistry 6 (1), 13-24	3	2010
Exploring drug targets in isoprenoid biosynthetic pathway for Plasmodium falciparum T Qidwai, F Jamal, MY Khan, B Sharma, Biochemistry research international 2014	1	2014
Alkaloids Derived from Tyrosine: Modified Benzyltetrahydroisoquinoline Alkaloids F Khan, T Qidwai, RK Shukla, V Gupta, Natural Products, 405-460	1	2013
Glucose-6-phosphate dehydrogenase deficiency by methylation mediated gene silencing provides resistance against falciparum malaria T Qidwai, F Jamal, Int J Pharm Bio Sci 3, 284-292	1	2012
Hemoglobin degradation pathway of Plasmodium falciparum as antimalarial drug target. T Qidwai, Current drug targets		2015
Exploring putative molecular mechanisms of human pyruvate kinase enzyme deficiency and its role in resistance against Plasmodium falciparum malaria T Qidwai, F Jamal, S Singh, Interdisciplinary Sciences: Computational Life Sciences 6 (2), 158-166		2014
Antimalarial Drug Targets and Drugs Targeting Dolichol Metabolic Pathway of Plasmodium falciparum T Qidwai, A Priya, NA Khan, H Tripathi, F Khan, M Pandurang Darokar, Current drug targets 15 (4), 374-409		2014
Catalytic activity of soluble versus immobilized cauliflower (Brassica oleracea) bud peroxidase-concanavalin A complex and its application in dye color removal F Jamal, S Singh, T Qidwai, D Singh, PK Pandey, GC Pandey, MY Khan, Biocatalysis and Agricultural Biotechnology 2 (4), 311-321		2013
Biomedical Importance of Host Genetic Factors in Infectious Diseases F Jamal, S Singh, T Qidwai, INTECH Open Access Publisher		2012
Polymorphisms in the transcription factor binding sites of host genes influences evolutionary susceptibility to falciparum malaria T Qidwai, PK Pandey, S Singh, F Jamal, Journal of Bioinformatics and Sequence Analysis 3 (3), 37-62		2011
Soluble Fraction of Trichosanthes diocia Peroxidase in Decolorization of Reactive Orange 15 F Jamal, T Qidwai, PK Pandey, Journal of Ecobiotechnology 41 (2010), 2077-0464		2010

3. Dr. Amit Dwivedi

Name of Department	:	Department of Applied Animal Sciences
Name of Faculty Member	:	**Dr. Amit Dwivedi**
Designation	:	Assistant professor (Guest Faculty)
Educational Qualification	:	M.Sc. (Chemistry), Ph. D. (LU), PGDJMC.

Recent achievement:—

The Research paper Accepted for publication: World Journal of Pharmaceutical Research [2277-7105]. An international peer review journal

'A GREEN APPROACH FOR THE SYNTHESES OF SOME BENZIMIDAZOLE MOLECULES'

4. Dr Shivesh Mani Tripathee

Name of the Department	**:**	Applied Animal Science (Basic Science)
Department Level Activity	**:**	Only teaching till Date
Faculty Details	:	
Name	-	Dr. Shivesh Mani Tripathee
Designation	-	Guest Faculty
Contact	-	F-79, South City Lucknow(8931066083)
Qualiication	-	Ph.D.
Specialization	-	Mathematics

Academic Details :

4. Research publication:

a. V. S. Verma; S. M. Tripathee, A study on mucus flow in human lung airways Journal of progressive Science vol.2 (2011).

b. V. S. Verma; S. M. Tripathee "A planar model for muco-ciliary transport in the human lung: Effects of mucus visco-elasticity, cilia beating and Porosity, IJMRS's International Journal of Mathematical Modeling and Physical Sciences Vol. 01, Issue 01, March 2013"

c. Biomathematics: A Technical Introduction ,Anusandhan (Vigyan sodh patrika) Vol.1, Issue1,2013.

5. Participation in Orientation/ Refresher course, workshop/ seminar/conferences:

Participated in Conference on recent trends on pure and applied mathematics, D.D.U.University Gorakhpur, Gorakhpur, July 24-25, 2010.

Participated in Indian Society of Mathematics and Mathematical Sciences, D.D.U.Gorakhpur University, Gorakhpur, Feb.19-20, 2011.

Participated in Conference on recent trends on pure and applied mathematics, D.D.U.University Gorakhpur, Gorakhpur, 2011.

Participated in 1st U. P. Science Congress , Theme: Science for shaping the future of Uttar Pradesh, D D U Gorakhpur University Gorakhpur,2013.

Participated in Conference on recent trends on pure and applied mathematics, D.D.U.University Gorakhpur, Gorakhpur, 2013.

Participated in Indian Society of Mathematics and Mathematical Sciences, D.D.U.Gorakhpur University, Gorakhpur, Feb.21-22, 2014

II. DEPARTMENT OF APPLIED PLANT SCIENCE

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

Subordinate Agriculture Services (Technical Assistant), UPPSC

1. Shreesh Kumar Gautam
2. Pawan Kumar
3. Vikas Kumar
4. Neeraj Kumar
5. Tribhuwan Rai
6. Devendra Kumar
7. Jay Prakash
8. Pushkar Singh Patel
9. Sanjeesh Kumar
10. Jai Milendra Rao
11. Vijay Vikram Singh
12. Manjesh Kumar Verma
13. Ravi Kiran
14. Vinod Kumar
15. Vishal Dubey
16. Vijay Kumar Pandey
17. Govind Prajapati
18. Amit Pal
19. Dhirendra Pratap Singh
20. Anuj Kumar Tripathi
21. Rahul Yadav
22. Taksh Raj Pankaj
23. Bhagauti Prasad
24. Manoj Kumar
25. Bijendra Singh
26. Usman Ali
27. Taksh Rai Pankaj
28. Shubhas Chandra Sharma
29. Ashok Kumar
30. Pintu Lal Meena

Agriculture Field Officer, IBPS

1. Manoj Kumar
2. Rajesh Kumar
3. Madhvendra Singh

Rajasthan Agriculture Supervisor

1. Mahipal Singh
2. Jal Singh Meena
3. Chitranjan Mehta
4. Vinod Kumar

Development Officer (NFCL)

1. Pawan Kumar

Food Safety Officer, UPPSC

1. Bhagauti Prasad

Department Level Academic Activities

Special lecture

Date	Title	Speaker
25/08/2014	Trichoderma for plant disease management : a gift of god for mankind	Prof. A. N. Mukhopadhyay Ex-Vice Chancellor, Assam Agriculture University
25/08/2014	Prospects and approaches for improvement of subtropical fruits production	Dr. H. Ravishankar, Director, CISH, Lucknow

Academic Activity

- Two Day Brainstorming Workshop on Organic Farming during 24-25th November 2014-15.
- International Symposium on Innovations in Horticulture for Food Security, Conserving Biodiversity and Poverty Alleviation during 16-18th October 2014.
- National Seminar on Hi-tech Horticulture: Challenges and Opportunities during 26- 27th February 2015.

Extension Activity

- A Two Day Workshop on women on "Use of post harvest management techniques in horticultural crops on 31st March -1st April 2014.

Faculty Details :

Sl. No.	Name	Designation	Qualification	Area of specialization
1.	**Prof. R. B. Ram**	**Professor**	M.Sc. (Ag.), Ph.D. (Hort.), B.H.U	**Teaching and Research Experience:** 29 Years **Field of Specialization:** Fruit Science (Pomology) in Horticulture under Agriculture Sciences. **Major Area of Research and field of interest:** The major areas of research *Inter alia* include: Crop Improvement, Crop Production, Crop Protection and Crop Utilization. Expertise has been 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 & Head**	M.Sc.(Ag.), Ph.D. Horticulture **NET-ICAR**	**Teaching and Research Experience:**16 Years **Field of specialization**-Vegetable Science in Horticulture under Agricultural Sciences. **Area of work and field of interest in Horticulture-** All branches of Horticulture (Olericulture), Pomology, Floriculture & Landscaping including Medicinal & Aromatic Plants, spices and condiments, especially Olericulture

3.	**Dr. Deepa H. Dwivedi**	**Associate Professor**	M.Sc.(Ag.), Ph. D. (Hort.)	**Research (R & D and Extension) and teaching experience-** 15 years Approx **Field of specialization** -Fruit Science (Pomology) **Area of work and field of interest in horticulture** - All branches of horticulture (Pomology, Floriculture & Landscaping and Olericulture including medicinal Aromatic Plants), especially fruit science and Floriculture.
4.	**Dr. M. L. Meena**	**Assistant Professor**	Ph.D.(Ag.) Horticulture (Vegetable Science) **NET**-ICAR	**Research (R & D and Extension) and teaching experience-** 10 years Approx. **Field of specialization** - Vegetable Science **Area of work and field of interest in:** All branches of horticulture especially vegetable crops.
5.	**Dr. Sutanu Maji**	**Assistant Professor**	M.Sc.(Hort.), Ph. D. (Hort.) in Fruits & Orchard Management NET-ASRB (ICAR)	**Teaching Experience :** 2 years 10 months at PG & Ph. D Level **Research Experience:** 9 years **Field of specialization:** Fruit Science (Horticulture) **Area of work and field of interest:** All branches of Horticulture especially in Fruit Science, Vegetable & Spice crops, Medicinal and Aromatic plants, Organic nutrition (NRM), Intercropping, Crop Regulation, Bio-control of pathogens, Flower drying and dehydration, PHT of Horticultural crops

1. Award & Recognition (if any)-

Dr. Sanjay Kumar

1. Poster presentation prize by International Seminar 2014 (ISIAAR), B. C. Krishi Vishwavidyalaya, Mohanpur, W. B. during Nov. 6-9, 2014.
2. 2- External paper setter and evaluator of N.D.U.A. & T, Kumarganj, Faizabad, S.H.I.A.S.&T., Naini, Allahabad, V.B.S. Purvanchal University, Jaunpur and C.S.J.M. University, Kanpur.
3. 3- Member, Judges Panel for Vegetable and Flower Show- 2015 organised by BBAU, Lucknow
4. 4- Member of Poster Evaluator Committee, 2nd U.P. Agricultural Science Congress, June 2014.

Dr. Sutanu Maji

1. Reviewer of Journal of Soil and Nutrition
2. Reviewer of Australian Journal of Crop Science
3. Reviewer of Sky Journal of Agricultural Science
4. Best poster award in the International Conference at BCKV during November 6-9, 2014
5. External paper setter and evaluator, Uttar Banga Krishi Viswavidyalaya, W.B.
6. Member, Judges Panel for Vegetable and Flower Show- 2015 organised by BBAU, Lucknow
7. Member of Poster Evaluator Committee, 2nd U.P. Agricultural Science Congress, June 2014

2. Book/Book Chapter (if any)-

Prof. R. B. Ram

1. Dehydration of fruit and vegetable crops. Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by Dept. of Applied Plant Sciences (Horticulture), BBAU, Lucknow.pp15-17.
2. Value addition and product diversification in fruits with special reference to mango. Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by the Dept. of Applied Plant Sciences (Horticulture), BBAU, Lucknow. pp1-5

3. Souvenir and Abstracts-SYMHORT. -2014. Edited Book published by Babasaheb Bhimrao Ambedkar University

4. Souvenir and Abstracts- HiTHCO-2015. Edited Book published by Babasaheb Bhimrao Ambedkar University.

Dr. Sanjay Kumar

1. Post-harvest Management of Horticultural Crops. Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by Dept. of Applied Plant Science, BBAU, Lucknow.

Dr. Deepa H. Dwivedi

1. Manual on post harvest management techniques in horticultural crops Deepa H Dwivedi and RB Ram BBAU, Lucknow

2. Souvenir and Abstracts-SYMHORT. -2014. Edited Book published by Babasaheb Bhimrao Ambedkar University

3. Souvenir and Abstracts- HiTHCO-2015. Edited Book published by Babasaheb Bhimrao Ambedkar University.

4. Biodiversity at BBAU. RC Sobti, Deepa H. Dwivedi & Abha Mishra Published by BBA University, Lucknow

Dr. M. L. Meena

1. Dehydration of fruit and vegetable crops. Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by Dept. of Applied Plant Science, BBAU, Lucknow. 1-5

2. Value addition and product diversification in fruits with special reference to mango. Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by Dept. of Applied Plant Science, BBAU, Lucknow. 15-17

3. Souvenir and Abstracts-SYMHORT. -2014. Edited Book published by Babasaheb Bhimrao Ambedkar University

4. Souvenir and Abstracts- HiTHCO-2015. Edited Book published by Babasaheb Bhimrao Ambedkar University.

Dr. Sutanu Maji

1. Flower drying – a potential industry for women empowerment. (Book Chapter). Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by Dept. of Applied Plant Science, BBAU, Lucknow pp.18-20.

2. Souvenir and Abstracts- HiTHCO-2015. Edited Book published by Babasaheb Bhimrao Ambedkar University

3. Details of the Project Sanctioned/ Executed (during 01.04.2014 to 31.03.2015)

Dr. Sanjay Kumar

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 Agri-cultural Research, Lucknow	2 years	9.9638

Dr. Sutanu Maji

1. Standardization of low cost eco-friendly drying and dehydration techniques for flowers, foliages and underutilized horticultural produces. Funded by UGC (ongoing)

2. Collection, evaluation and conservation of underutilized vegetables of U.P. Funded by UPCAR (ongoing)

3. One project submitted to UGC under SAP (submitted to UGC).

4. Research project / consultancy (completed / ongoing / sanctioned/ submitted) (if any)-

Prof. R. B. Ram

National (if any)-

1. Meena, M.L.; **Ram, R.B.**; Lata, Rubee and Sharma, S.R. (2014). Inter-trait association and genetic variability assessment in cabbage under Lucknow conditions. *Indian Journal of Horticulture.* 71(2):202-206.

2. Chaturvedi, S. K.; **Ram, R. B**.; Dwivedi, D. H. and Meena, M. L. (2014). Effect of different levels of pruning and nitrogen on growth, flowering, fruiting, yield and quality of phalsa (*Grewia* ***subinaequalis*** D. C.). *Indian Journal of Horticulture*. 71(4): 481-485.

3. Kumar. V.; **Ram .R.B**. and Yadav, R.K. (2014) Genetic diversity in Cluster bean [*Cyamopsis tetragonoloba* (L)Taub.] for morphological characters. *Indian Journal of Science and Technology*. 7 (8):1144-1148.

4. Yadav,R.K.;**Ram,R.B**.;Kumar,V.;Meena, M.L and Singh, H.D.(2014). Impact of micronutrients on fruit set and fruit drop of winter season guava (*Psidium guajava* L.)cv. Allahabad Safeda. *Indian Journal of Science and Technology*.7 (9):1455-1457.

5. Kumar, A.;**Ram, R. B**.; Meena, M.L.; Raj, U. and Anand, A. K. (2014). Effect of biofertilizers on morphological characteristics in Aonla grafted plants. *Environment & Ecology*. 32(4a): 1502-1505.

6. Yadav, R.K.; **Ram, R.B**.; Meena, M.L.; Kumar, V.; Singh, H.D. (2014). Response of foliar spray of micronutrients on fruit set, yield and quality of winter season guava (*Psidium guajava* L.) cv. Allahabad Safeda. *Environment & Ecology*. 33(1B):444-447.

International Publication(s)

1. 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*. 39:1-8.

2. Kumar, V. and **Ram, R. B.** (2015). Genetic variability, correlation and path analysis for yield and yield attributing traits in Cluster bean [Cyamopsis tetragonoloba (L.) Taub.] genotypes. International Journal of Pure & Applied Bioscience. 3(1):143-149.

3. **Ram, R. B.;** Kumar D.; Lata R.; Sonkar, P and Meena, M. L. (2015). Studies for the standardization of stone grafting in Six Mango Cultivars under Lucknow conditions of India. *Acta Horticulturae*. ISHS, 1066: 95-98

4. Singh, A. and Ram, R. B. (2014). Evaluation of the performance of onion cv NHRDF Red 2 in response to inorganic, organic and biofertilizers. *European Academic Research*. 4(11): 44-46.

5. Kumar,A.;**Ram, R.B**.;Meena,M.L.;Raj,U. and Anand, A.K (2014). Efficacy of biofertilizers on phenological traits in budded aonla plants under sub- tropical conditions of India. *European Academic Research*. 2 (6):7784-7789.

6. Prakash, J. and**Ram, R. B.** (2014). Genetic variability,correlation and path analysis for seed yield and yield related traits in French bean (*Phaseolus vulgaris* L.) under Lucknow conditions. *International Journal of Innovative Science, Engineering and Technology*. 1(6): 41-50.

7. Bharti, Navaldey. and**Ram, R.B.** (2014). Estimating variation in the production, quality and economics of onion in response to transplanting dates and sulphur fertilization. *European Academic Research*.2 (4):4831-484.

8. Kumar, A.;**Ram, R. B.;**Meena, M.L.; Raj, U. and Anand, A. K. (2014). Effect of biofertilizers on nutritional characteristics in aonla seedlings and grafted plants. *International Journal Science and Nature*. 5 (2): 25-27.

9. Ranjeet.;**Ram, R.B**.; Prakash, J. and Meena, M.L. (2014). Growth, flowering, fruiting, yield and quality of tomato (*Lycopersicon esculentum* Mill.) as influenced by plant bio-regulators. *International Journal of Plant Science*. 9 (1): 67-71.

Dr. Sanjay Kumar

(A) Published Papers in Journals (National):

1. Efficacy of organic manures on growth, yield and bio-molecules of Stevia (Stevia rebaudiana Bertoni). *Journal of Crop and Weed*, 10(1):107-110.

2. Variability, heritability and genetic advance studies in Egg-plant (*Solanum melongena* L.). *Plant Archives* Vol. 14 No. 1, 2014 pp. 483-486.

3. Effect of Integrated Nutrient Management on growth, yield and quality in Onion cv. Pusa Madhvi. *Plant Archives* Vol. 14 No. 1, 2014 pp. 557-559.

4. Effect of Bio-fertilizers, Nitrogen and Phosphorus on growth, yield and quality

in Onion cv. Nasik Red. *Advances in Plant Sciences* Vol. 27(II) pp. 353-355.

5. Improvement of growth, yield and quality of Garlic (Allium sativum L.) cv. G-282 through a novel approach. The Bioscan 10(1): 23-27.

6. Effect of Gibberallic acid and Cycocel on Vegetative growth, flowering and Yield of African Marigold. *Advances in Plant Sciences* Vol. 28(I) pp. 135-137.

(B) Published Papers in Journals (International):

1. Effect of bio-fertilizers on yield and bio-molecules of anti-cancerous vegetable Broccoli. *International journal of Bio-resource and Stress Management* 5 (2):262-268.

2. Effect of bio-fertilizers and inorganic fertilizers on vegetative growth and yield of okra [*Abelmoschus esculentus* (L.) Moench]. *International Journal of Agricultural Sciences* Vol. 10 (2):558-561.

3. Influence of plant bio-regulators on growth and yield of garlic (*Allium sativum* L.). *International Journal of Agricultural Sciences* Vol. 10(2):546-549.

4. Studies on the effect of ethrel and different wrapping materials on post-harvest changes of Papaya fruits (Carica papaya L). International Journal of Food and Nutritional Sciences3 (6): 97-107.

5. Studies on Effect of Bio-fertilizers with Chemical Fertilizers on Growth, Yield and Quality of Fenugreek (*Trigonella foenum-graecum* L.). *International Journal of Agricultural Sciences* Vol.

Dr. Deepa H. Dwivedi

A) Published Papers in Journals

1. Integrated Nutrient Management in Cape gooseberry (*Physalis peruviana* L.) for Peri Urban Horticulture Indian Journal of Applied Research, 4(12): 274-75. (2014). *Indian Journal of Applied Research.*

2. Impact of potting mixtures on vegetative growth and flowering of Zinnia (Zinnia elegance L.). International Journal of Advanced Biotechnology and Research (IJBR) 15 (4): 685-689. (2014). *International Journal of Advanced Biotechnology and Research (IJBR)*

3. Effect of different levels of pruning and nitrogen on growth, flowering, fruiting, yield and quality of phalsa (Grewiasubinequalis D.C.)., Indian J. Hort 71 (4): 481-485.(2014) . *Indian J. Hort.*

4. Preliminary studies on the bioactive phytochemicals in extract of Cape gooseberry (Physalis peruviana L.) fruits and their products. Journal of Pharmacognasy and Phytochemistry 3 (4): 1-3. (2015). *Journal of Pharmacognasy and Phytochemistry.*

5. Efficacy of application of wax, mustard oil and BA for prolonging shelf life of guava (Psidiumguajava L. cv. CISH G-1). *Trends in Bioscieneces*8(1): 17-22 (2015), *Trends in Bioscieneces.*

6. Response of different plant bioregulators for retaining marketability of guava (Psidiumguajava L.) fruits cv. CISH G-1 stored under ambient temperature. *International Journal of Agricultural sciences*11 (1) 85-88. *International Journal of Agricultural sciences*

Dr. M. L. Meena

National (if any)-

1. Verma, P.P.S, Meena**, M.L.and Meena,** S.K. *Meena* (2014). Influence of plant growth regulators on growth, flowering, and quality of tomato (*Lycopersicon esculentum* MILL.) cv. H- 86. ***Indian Journal of Hill Farming***. 27 (2): 19-22. (NAAS RATING 2.9)

2. S.K. Chaturvedi, R.B. Ram, Dwivedi, D.H. and ***M.L. Meena*** (2014). Effect of different levels of pruning and nitrogen on growth, flowering, fruiting and yield and quality of phalsa (*Grewia subinequalis* D.C.). ***Indian Journal of Horticulture***. 71 (4): 481-485.(NAAS RATING 6.6)

3. R.K.Yadav, Ram, R.B.Kumar, V. **Meena, M.L**.and Singh, H.D. (2014). Impactof micronutrients on fruit set and fruit drop of winter season guava cv. Allahabad Safeda. ***Indian journal of Science and Technology***.7(9): 1451-1453.

4. **M.L.Meena,**R. B. Ram, Rubee Lata and S. R. Sharma (2014). Inter - trait association and genetic variability assessment in cabbage under Lucknow conditions. ***Indian Journal of Horticulture***. 71 (2): 202-206. (NAAS RATING 6.6)

5. Kumar, A; Ram, R. B.; **Meena, M.L.;** Raj, U. and Anand, A. K. (2014). Effect of biofertilizers on morphological characteristics in aonla grafted plants. ***Environment & Ecology.*** 32 (4a): 1502-1505. (NAAS RATING 4.09)

6. Kumar, A; Ram, R. B.; **Meena, M.L.;** Raj, U. and Anand, A. K. (2014). Effect of biofertilizers on morphological characteristics in grafted plants of aonla. ***Hortflora Research Spectrum.*** 3(1): 97-99.

b. International Publication (s)

1. 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.

2. Singh, M. **S.**K. Rajvanshi, D.H. Dwivedi, **M.L. Meena** and Verma, S. (2014). Effect of different dates of sowing on germination of cape gooseberry in central Uttar Pradesh. *International journal of advanced biotechnology and research.*, 5 (4): 750-754.

3. Kumar, A; Ram, R. B.; **Meena, M.L.;** Raj, U. and Anand, A. K. (2014). Effecacy of biofertilizers on phenological traits in budded aonla plants under sub-tropical conditions of India. ***European Academic Research*** 2(6): 7784-7789.

4. Chaurasiya, J., **Meena, M.L.**, Singh., H.D., Adarsh., A. and Mishra,P.K.(2014). Effect of GA_3 and NAA on growth and yield of cabbage cv. Pride of India.***The Bioscan 9 (3):1139-1141.***(NAAS RATING 4.09)**.**

5. Ranjeet; Ram, R.B.; Prakash, J. and **Meena, M.L.** (2014). Growth, flowering, fruiting, yield and quality of tomato (*Lycopersicon esculentum* Mill.) as influenced by plant bio-regulators. ***International Journal of Plant Science*** 9 (1): 67-71. (NAAS RATING 2.19)

Dr. Sutanu Maji:

National (if any)-

1. Harsh Deep Singh, Sutanu Maji and Sanjay Kumar (2014). Influence of plant bio-regulators on growth and yield of garlic (*Allium sativum* L.). International Journal of Agricultural Sciences. 10(2): 546-549.

2. Ashish Kumar Sahu, Sanjay Kumar and Sutanu Maji (2014). Effect of biofertilizers and inorganic fertilizers on vegetative growth and yield of okra [*Abelmoschusesculentus* (L.) Moench]. International Journal of Agricultural Sciences. 10(2): 558-561.

3. Sutanu Maji (2014). Flower drying – a potential industry for women empowerment. Handbook on post harvest management techniques in horticultural crops. Workshop on post harvest management techniques in horticultural crops. pp 18-20.

b. International (if any)-

1. Dushyant, S. Maji, S Kumar, A. K. Maurya and K R Meena (2014). Efficacy of organic manures on growth, yield and biomolecules of stevia (*Stevia rebaudiana*Bertoni). Journal of Crop and Weed. 10(1): 107-110.

2. A. Singh, **S. Maji** and S. Kumar (2014). Effect of biofertilizers on yield and biomolecules of anti-cancerous vegetable broccoli. International Journal of Bio-resource and Stress Management. 5(2): 262-268.

3. R. Kumawat, S. Maji, Govind and D.C. Meena (2014). Studies on seed germination and seedling growth of papaya (*Carica papaya* L.) cv. Coorg Honey Dew as influenced by media and chemicals. Journal of Crop and Weed. 10(2): 281-286.

4. Priyanka Singh, Sanjay Kumar and Sutanu Maji (2014). Studies on the effect of ethrel and different wrapping materials on post - harvest changes of papaya fruits (*Carica papaya*L.). International Journal of Food and Nutritional Sciences. 3 (6): 97-107.

5. Invited Speaker/Session Chaired in National/International Conferences detail (if any)

Prof. R. B. Ram

1. Two days – Day Brainstorming Workshop on Organic Farming on 24-25 November 2014 in Department of Applied Plant Sciences (Horticulture) BBA University, Lucknow.

2. Participated and presented paper in International Symposium on Innovations in

Horticulture for nutritional security, conserving biodiversity and poverty alleviation held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during October 16-18, 2014.

3. Participated and presented paper in 2nd National Seminar on Hitech Horticulture: Challenges and opportunities at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015

Dr. Sanjay Kumar

1. Workshop on Agnihotra-organing Farming with Homa therapy, Organized by DAPS, Bhimrao Ambedkar University, Lucknow
2. 2nd U. P. Agricultural Science Congress Organized by U.P. Council of Agricultural Research, Lucknow during June 14-16, 2014.
3. Pre-/Post harvest losses and value addition in vegetables Organized by Indian Institute of Vegetable Research, Varanasi during July 12-13,2014
4. International Symposium on Bio-diversity: Status, Utilization and Impact of Challenges Climatic conditions Organized by Bhimrao Ambedkar University, Lucknow, Nov 18, 2014

Dr. M. L. Meena

1. Participated in the Summer School "Research Methodology" conducted by U. G. C. academic Staff College, University of Rajasthan, Jaipur during June, 16 – July, 05, 2014.
2. Two days – Day Brainstorming Workshop on Organic Farming on 24-25 November 2014 in Department of Applied Plant Sciences (Horticulture) BBA University, Lucknow.
3. Participated and presented paper in International Symposium on Innovations in Horticulture for nutritional security, conserving biodiversity and poverty alleviation held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during October 16-18, 2014.
4. Participated and presented paper in 2nd National Seminar on Hitech Horticulture: Challenges and opportunities at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015

Dr. Sutanu Maji

1. Workshop on Agnihotra-organing Farming with Homa therapy, DAPS, BBAU November, 2014
2. Training on Intellectual Property Management & Agriculture, U.P. Council of Agricultural Research, 23-24 January, 2015.
3. Participated and presented a paper in National Seminar-cum-Workshop on "Physiology of Flowering in Perennial Fruit Crops" at Central Institute for Subtropical Horticulture, (ICAR) Rehmankhera, Lucknow, Uttar Pradesh on 24-26 May, 2014.
4. Participated and presented paper in International Symposium on Innovations in Horticulture for nutritional security, conserving biodiversity and poverty alleviation held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during October 16-18, 2014.
5. Participated and presented paper in International Seminar on Integrating Agriculture and Allied Research Prioritizing Future Potentials for Secure Livelihoods held at Bidhan Chandra Krishi Viswavidyalaya, Nadia, West Bengal, during November 6-9, 2014.
6. Participated and presented paper in 2nd National Seminar on Hitech Horticulture: Challenges and opportunities at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015

7. Invited speakers/session chaired national/international conference (if any)-

Prof. R. B. Ram

1. Delivered a talk on 'Role of horticulture in rural development'. Deendayal Upadhyaya State Institute of Rural Development, Bakshi ka talab,UP.
2. Value addition and product diversification in fruits with special reference to mango. Handbook on post harvest management techniques in horticultural crops. Manual on post harvest management techniques in horticultural crops published by Dept. of Applied Plant Science, BBAU, Lucknow. 1-5.

3. Co-chairman of the session- International symposium on Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation, held during 16-18 October, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow.
4. Convenor - International symposium on Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation, held during 16-18 October, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow.
5. Organizing Secretary - 2nd National Seminar on Hi-tech horticulture: Challenges and opportunities held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015.
6. Organizing Secretary - Workshop Two days – Day Brainstorming Workshop on Organic Farming on 24-25 November 2014 in Department of Applied Plant Sciences (Horticulture) BBA University, Lucknow.

Dr. Sanjay Kumar

1. Co- Chairman in various committees on the occasion of 2nd UP Agricultural Science
2. Congress, Lucknow during June 14-16.2014.
3. **Rapporteur in National Seminar on Hi-tech Horticulture: Challenges and opportunities at Dept. of Applied Plant Science, B.B.A. University, Lucknow**

Dr. Deepa H. Dwivedi

1. Organizing Secretary in International Symposium on Innovations in Horticulture for nutritional security, conserving biodiversity and poverty alleviation, DAPS, BBAU, Lucknow.
2. Co-organizing Secretary in 2nd National Seminar on Hitech horticulture: Challenges and opportunities in DAPS, BBAU, Lucknow.

Dr. M. L. Meena

1. Dehydration of fruit and vegetable crops. Workshop on post harvest management techniques in horticultural crops. During 31 March - 1 April, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
2. Importance and Contribution of Vegetables in Nutritional Security. 2nd National Seminar on Hitech Horticulture: Challenges and Opportunities held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015.
3. Rapporteur - International symposium on Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation, held during 16-18 October, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow.
4. Rapporteur - 2nd National Seminar on Hitech horticulture: Challenges and opportunities held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015.

Dr. Sutanu Maji

1. Flower drying – a potential industry for women empowerment. Workshop on post harvest management techniques in horticultural crops. During 31 March - 1 April, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P.
2. Crop regulation in guava. In National Seminar–cum-workshop on physiology of flowering in perennial fruit crops at CISH, Rahmankhera, Lucknow, U.P. during May 24-26, 2014.
3. Self-employment through drying and dehydration of flowers and foliages. International Symposium on Innovations in Horticulture for nutritional security, conserving biodiversity and poverty alleviation held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during October 16-18, 2014.
4. Innovations in post harvest technology. 2nd National Seminar on Hitech Horticulture: Challenges and Opportunities held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015.
5. Rapporteur - International symposium on Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation, held during 16-18 October, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow.
6. Rapporteur - 2nd National Seminar on Hitech horticulture: Challenges and opportunities held at Babasaheb Bhimrao Ambedkar University, Lucknow, U.P. during 26-27 February, 2015.

7. Research guidance (if any)-

Prof. R. B. Ram

1. M.Sc. Students Degree awarded-80, Continuing-6
2. Ph. D. students- 14 (degree awarded) (7- Continuing)

Dr. Sanjay Kumar

1. M.Sc. Students Degree awarded- 45
2. Ph. D. students Degree awarded- 03

Dr. Deepa H. Dwivedi

1. M.Sc. Students Degree awarded- 05
2. Ph. D. students Degree awarded- 03

Dr. M. L. Meena

1. M.Sc. Students Degree awarded-29, Continuing-5
2. Ph. D. students- 4 (Continuing)

Dr. Sutanu Maji

1. M.Sc. Students Degree awarded-5, Continuing-6
2. Ph. D. students- 4 (Continuing)

Membership/fellowship of professional/ academic bodies (if any)—

Prof. R. B. Ram

1. Life member of Horticultural Society of India, New Delhi
2. Life member of Advancement of society of horticulture, BCKV
3. Life member of the Horticultural society of Haryana
4. Life member of Indian society of ornamental horticulture
5. Life member of Indian society of vegetable science
6. Life member of U. P. Academy of Agricultural Sciences
7. Life member of Indian society of Horticultural research and development, Dehradun

Dr. Sanjay Kumar

1. Progressive Research, Society for Scientific Development in Agriculture & Technology, Meerut
2. Member, Departmental Research Committee
3. Member, School Board
4. Member, Academic Council

Dr. Deepa H. Dwivedi

1. Life member of Horticultural Society of India, New Delhi
2. Associate Editor, Progressive Horticulture, Society for Development of Hill Horticulture, Rani Khet, Uttarakhand.
3. Mermber, Judging committee of the state fruit and vegetable show at Rajbhawan

Dr. M. L. Meena

1. Life member of Horticultural Society of India, New Delhi
2. ii) Life member of Biosciences and Agriculture Advancement Society, Meerut
3. iii) Life member of Hi-Tech ***Horticultural*** Society, Meerut

Dr. Sutanu Maji

1. Life member of Society for the Advancement of Horticulture, BCKV
2. Life member of Biosciences and Agriculture Advancement Society, Meerut

III. DEPARTMENT OF BIOTECHNOLOGY

Objectives:

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 aboard.

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 extra curricular activities during their tenure.

A. Faculty Profile:

Sl. No.	Name	Designation	Qualification	Area of Specialization
1.	Prof. M. Y. Khan	Professor & Head	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

B. Department Level Academic Activities of the faculties

Seminars, Lectures and other activities (in figure) during the year (2014-15)

Seminar/Conference participated by faculty			Research Paper Presented by Faculty		Research Paper Published by Faculty		Book/ Chapter Published by faculty
Faculty	National	Inter-national	National	Inter-national	National	Inter-national	
Prof. M. Y. Khan	2	4	2	4	Nil	3	Nil
Dr. D.R. Modi	2	Nil	2	Nil	Nil	12	Nil
Dr. Sangeeta Saxena	2	4	2	4	Nil	2	Nil
Dr. G. Sunil Babu	2	2	2	2	Nil	6	Nil
Dr. Anand Prakash	1	1	1	1	Nil	Nil	01

C. Academic Activities of Faculty Members:

Prof. M. Y. Khan

D. Faculty Details:-

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

E. Academic Details:-

1.	Award & Recognition etc. (if any)	:	N.A.
2.	Book Chapter	:	N.A.

Research Publication:-

1. A Nonhost Peptidase Inhibitor of ~ 14 kDa from *Butea monosperma* (Lam.) Taub. Seeds Affects Negatively the Growth and Developmental Physiology of*Helico armigera*. Prabhash K. Pandey, Dushyant Singh, Sangram Singh, **M. Y. Khan** and Farrukh Jamal iochem. Res. Int., Volume 2014, http://dx.doi.org/10.1155/2014/361821.
2. Exploring Drug Targets in Isoprenoid Biosynthetic Pathway for *PlasmodiumFalciparum*.Tabish Qidwai, FarrukhJamal, **Mohd. Y. Khan** and Bechan SharmaBiochem. Res. Int., Volume 2014, http://dx.doi.org/10.1155/2014/657189.
3. Science Education in India: A Perspectve.

M. Y. Khan

India: Culture of Science, Glorious past and BrightFuture, Edited by: Dr. R.C. Sobti and Dr. G.S. Rautela, Published by: Narendra Publishing House, Delhi, India, 2014, pp. 41-52.

International Conference Attended:

1. Attended , participated and presented an invited talk on " Targetting Human Genes with plant miRNA" in International Conference on Modling and Computing (ICMC-2014) held at Babasaheb Bhimrao University, Lucknow during 10-11 July,2014.
2. Attended , participated and presented oral paper on "Silencing the Stress with Molecular Silencers" in"International Symposium On Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation "held at Babasaheb Bhimrao University, Lucknow during 16-18 October-2014 .
3. Attended , participated and presented oral paper on "Harnessing the genetic variability in Plant-Virus-Vector Complex interaction in Begomovirus family to prevent viral disease outbreak"in"International Symposium On Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions""held at Babasaheb Bhimrao University, Lucknow during 30-31 October-2014 .
4. Attended , participated and presented a paper on "Nanoparticles mediated siRNA delivery to introduce virus resistance in plants:A possible approach" in"International Pharmaceutical Conference-2015 on Nanoformulations and translational research: Small getting bigger""held at Babasaheb Bhimrao University, Lucknow during Feb 02-03, 2015 .

National Conference/Workshop attended:

1. Attended , participated and presented a paper on "Disease Free Papaya Cultivation-Integrated Hi-tech Horticulture For Improved Production in"2nd National Seminar on "Hi-Tech Horticulture: Challenges and Opportunities" held at Babasaheb Bhimrao University, Lucknow during Feb 26-27, 2015
2. Attended, organized and presented a lecture entitled " Techniques for Gene Annotation" in Hands on Training Workshop on SEM, FTIR, FPLC and Ion Chromatography organized by USIC, Babasaheb Bhimrao University, Lucknow during Feb 18th -20th, 2015

Research Guidance

1. **Ms. Sadhana Verma,** Department of Biotechnology, Babasaheb Bhimrao Ambedkar University. Lucknow, accepted for the award of Ph.D. degree on 22/07/2014 and subsequently awarded in the convocation 2015.

2. **Mr. Abhishek Awasthi-** Department of Biotechnology. Babasaheb Bhimrao Ambedkar University. Lucknow, accepted for the award of Ph.D. degree on 10/01/2015 and subsequently awarded in the convocation 2015.

Google Scholar profile

Citation indices	All	Since 2010
Citations	814	416
h-index	15	10
i10-index	18	10

Dr. Dinesh Raj Modi

I. Publication (2014-2015)

1. P. Kumar, V.K. Gupta, A.K. Mishra and **D.R. Modi** (2014). Molecular characterization of *Fusarium moniliforme* var. *subglutinans* Isolates. Journal of Environmental Biology. 35(1):211-216.
2. Sangeeta Saxena, Jyoti Verma, Shikha and **Dinesh Raj Modi** (2014). RAPD-PCR and 16S rDNA phylogenetic analysis of alkaline protease producing bacteria isolated from soil of India: Identification and detection of genetic variability. Journal of Genetic Engineering and Biotechnology.12(1):27-35.
3. Jai Godheja, Sudhir K. Shekhar and **D.R Modi** (2014). Advances in Molecular Biology approaches to guage microbial communities and bioremediation at contaminated sites. International Journal of Environmental Bioremediation and Biodegradation. 2(4):167-177.
4. Jai Godheja, Sudhir K. Shekhar and **D.R. Modi** (2104). The standardization of protocol for large scale production of sugarcane (co-86032) through micro propagation. International Journal of Plant, Animal and Environmental Sciences. 4(4):135-143.
5. Jai Godheja, Sudhir K Shekhar, **DR Modi** and T Chatterjee (2014). Use of Polymerase Chain Reaction for the Detection of Banana Bunchy Top Virus Infection in Three Successive Generation of Banana. Annals of Plant Sciences. 3(9):804-807.
6. Sudhir K Shekhar, Jai Godheja, **DR Modi** and Jyotsana k. Peter (2014). Growth potential assessment of Actinomycetes isolated from petroleum contaminated soil. Journal of Bioremediation and Biodegradation. 5(5):259-267.
7. Sudhir K Shekhar, Jai Godheja and **DR Modi** (2014). Hydrocarbon Bioremediation Efficiency by five Indigenous Bacterial Strains isolated from Contaminated Soils. International Journal of Current Microbiology and Applied Sciences. 4(3):892-905.
8. Madhukar Saxena and **Dinesh Raj Modi** (2014). Inflammation and Diabetes. Interdisciplinary Journal of Microinflammation. 1(1):1-3.
9. Jai Godheja, Sudhir K. Shekhar and **D.R Modi** (2015). Biodegradation of One Ring Hydrocarbons (Benzene & Toluene) and Two Ring Hydrocarbons (Acenapthene and Napthalene) By Bacterial Isolates Of Hydrocarbon Contaminated Sites Located In Chhattisgarh: A Preliminary Study. Journal of Petroleum & Environmental Biotechnology. 6(1):202-207.
10. Mayur Sharma, **Dinesh Raj Modi** and Madhukar Sxena (2015). Role of Lactic acid bacteria as probiotics in health and disease. La prensa medica argentina. 100(4):1-9.
11. Madhukar Saxena and **Dinesh Raj Modi** (2015). Leptin Association in Disease and Disorders. Asian Journal of Pharmaceutical Technology and Innovation. 3(10):97-106.
12. Madhukar Saxena, **Dinesh Raj Modi**, Sanjay Singh and Anand Prakash (2015). Effect of glucose feed on cholesterol, triglycerides and lipoprotein concentrations in preadipocytes and adipocytes: an in-vitro study. European journal of molecular biology and biochemistry. 3 (2):118-122.

II. Membership in various government and other bodies (out of BBAU)

1. Member, Board of studies (Science), Faculty of Arts, Science and commerce, Mody Institute of Technology and Science, Lashmangarh, Sikar, Rajasthan. March, 2011- continuing.
2. Member, Board of studies in microbiology, Dr. R.M.L. Awadh University, Faizabad, U.P. 2013-2016.

III. Paper presented in seminars/ Conferences/Symposium/Workshops

1. Isolation, Partial Purification and characterization of Xylan degrading Alkaline Xylanase from Bacillus subtilis in 102th Indian Science Congress at University of Mumbai, Mumbai (2015).
2. Biodegradation of One Ring Hydrocarbons (Benzene & Toluene) and Two Ring Hydrocarbons (Acenapthene and Napthalene) By Bacterial Isolates Of Hydrocarbon Contaminated Sites Located In Chhattisgarh: A Preliminary Study in 102th Indian Science Congress at University of Mumbai, Mumbai (2015).

IV. Ph.D (Awarded)

1. Neelam Gutam - "Isolation, characterization and optimization of alpha amylase production from *Aspergillus* species"- Supervisor
2. Jyoti Verma - "Studies on genetic variability of alkaline protease producing bacteria from soil"- Co-Supervisor

V. Post Doctoral Guidance (01)

Dr. Madhukar Saxena – Dr. D. S. Kothari Post Doctoral Felloship

VI. Doctoral Guidance (06)

Sudhir K Shekhar; Jai Godheja; Akhilesh Kumar Jaiswal; Nagendra Kumar Kharwar; Durgesh Dubey; Ekta Makhija

VII. Google scholar profile - Dr.Dinesh Raj Modi

Dr. Sangeeta Saxena

D. Faculty Details:-

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

E. Academic Details:-

1. Award & Recognition etc. (if any):- N.A.
2. Book Chapter:- N.A.

3. Detail of the project executed:-

Title of the Project	Name of the Funding Agency	Duration	Remarks
3. *In-silico* search for potential siRNA sequences to develop geminivirus resistant papaya crop. **(Rs. approx 25 lakh only)**	Awarded by Department of Biotechnology, DBT ,Govt. of India R&D in "Basic Research Modern Biology" by **Dr. Sangeeta Saxena (PI)** and Dr. G. Sunil Babu (Co PI).	2010-2014	**Completed in August 2014**

4. Research Publication:-

1. **Jyoti Singh, RS Sangwan, Sanjeev Gupta,** Sangeeta Saxena, **Neelam S Sangwan (2014).Profiling of triterpenoid saponin content variation in different chemotypic accessions of Centella asiatica L.**Plant Genetic Resources**.01/2014; ISSN: 1479-2621 EISSN: 1479-263X** ·
2. Jyoti Singh , Farzana Sabir , Rajender Singh Sangwan ,Lokesh K. Narnoliya, **Sangeeta Saxena** and Neelam S. Sangwan. (2014)Enhanced secondary metabolite production and pathway gene expression by leaf explants-induced direct root morphotypes are regulated by combination of growth regulators and culture conditions in Centella asiatica (L.) urban.**Plant Growth Regulation.(Springer)** (DOI 10.1007/ s10725-014-9931-yJune. 2014, Print ISSN 0167-6903Online ISSN1573-5087)

5a. International Conference Attended:

1. 1.. Attended , participated and presented an invited talk on " Targetting Human Genes with plant miRNA" in International Conference on Modling and Computing (ICMC-2014) held at Babasaheb Bhimrao University, Lucknow during 10-11 July,2014.
2. Attended , participated and presented oral paper on "Silencing the Stress with Molecular Silencers" in"International

Symposium On Innovations in Horticulture for Nutritional Security, Conserving Biodiversity and Poverty Alleviation "held at Babasaheb Bhimrao University, Lucknow during 16-18 October-2014 .

3. Attended , participated and presented oral paper on "Harnessing the genetic variability in Plant-Virus-Vector Complex interaction in Begomovirus family to prevent viral disease outbreak"in"International Symposium On Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions""held at Babasaheb Bhimrao University, Lucknow during 30-31 October-2014.

4. Attended, participated and presented a paper on "Nanoparticles mediated siRNA delivery to introduce virus resistance in plants: A possible approach" in "International Pharmaceutical Conference-2015 on Nanoformulations and translational research: Small getting bigger""held at Babasaheb Bhimrao University, Lucknow during Feb 02-03, 2015 .

5b. National Conference/Workshop attended:

1. Attended , participated and presented a paper on "Disease Free Papaya Cultivation-Integrated Hi-tech Horticulture For Improved Production in"2nd National Seminar on "Hi-Tech Horticulture: Challenges and Opportunities" held at Babasaheb Bhimrao University, Lucknow during Feb 26-27, 2015

2. Attended, organized and presented a lecture entitled " Techniques for Gene Annotation" in Hands on Training Workshop on SEM, FTIR, FPLC and Ion Chromatography organized by USIC, Babasaheb Bhimrao University, Lucknow during Feb 18th -20th, 2015

6. Invited Lectures:

1. Delivered a lead lecture on "Engineering Crop Improvement through RNAi" at National Seminar-cum-Workshop on 'Physiology of Flowering in Perennial Fruit Crops at Central Institute for Subtropical Horticulture, Rehmankhera, Lucknow during May 24-26, 2014.

2. Delivered an invited lecture on "RNAi Technology" in a workshop on "Application of Computational Biology, System Biology & RNAi Technology in Agriculture & Healthcare" at Biotech Park, Lucknow during July 22 – 24, 2014

3. Delivered an invited lecture on "siRNA designing" in a workshop on "Cheminformatics: Applications in Drug Designing at Biotech Park, Lucknow during October 15 –17, 2014

4. Delivered an invited lecture on "siRNA as a therapeutic molecule" in a workshop on "Applications of Molecular Dynamics Molecular Modeling and Drug Designing" at Biotech Park, Lucknow during Februaury 26-28,2015

7. Research Guidance

1. **Ms. Jyoti Verma-** Department of Biotechnology. Babasaheb Bhimrao Ambedkar University. Lucknow, accepted for the award of Ph.D. degree on 11 May 2014 and subsequently awarded in the convocation 2014.

9. Google Scholar profile

Sangeeta Saxena

Associate Professor, BBAU Lucknow

plant molecular
biology, virology, bioinformatics, PCR

Citation indices	All	Since 2010
Citations	377	183
h-index	11	7
i10-index	12	4

Dr. G. Sunil Babu

1. Awards and Recognition: Nil

2. Book (s)/ Book Chapter(s) authored, edited books, monograph: Nil

3. **Details of project sanctioned/ executed:** Project titled*In-silico* search for potential siRNA sequences to develop geminivirus resistant papaya crop.(Rs. approx 25lakh only) Awarded by Department of Biotechnology, DBT ,Govt. of India R&D in "Basic Research Modern Biology" by Dr.Sangeeta Saxena (PI)and **Dr.G. Sunil Babu** (Co PI). Successfully completed on August 2014.

4. **Research Publications**: 2014-2015

1. **Sunil G Babu**, Abhishek Pandeya, Neelam Verma, Nikita Shukla, R. Venkatesh Kumar, Sangeeta saxena (**2014**). Role of HCMV miR-UL70-3p and miR-UL148D in overcoming the cellular apoptosis. **Mol Cell Biochem** 1-10. **(I.F:2.388**)
2. Gosipathala Sreedhar, A. Sivanantham, T. Baskaran, R. Rajapandian, S. Vengatesan, L. John Berchmans, **Sunil G. Babu** (**2014**). A Role of Lithiated sarcisine TFSI on the formation of single crystalline SrTiO3 nanocubes via hydrothermal method. **Materials Letters**,**I.F: 2.269**
3. Ashish Srivastava, **Sunil G. Babu**, Ashwani Kumar (2014). Presence of multiple forms of haloalkane dehalogenase Lin B in the metagenome of Hexachlorocyclohexane contaminated soils. Octa Journal of Environmental Research. **Oct J. Biosci 2(1): 53-58.**
4. Ashish Srivastava, **Sunil G. Babu**, Ashwani Kumar (2014). Relative Bioavailability of a- and â- Hexachlorocyclohexane in various soils frpm a contaminated site. **Octa Journal of Environmental Research** 2(2):101-106.
5. Sangeeta Saxena, Ashish Kumar and **Sunil G. Babu** (**2014**). Plant miRNAs: Key players in interkingdom and intra- Kingdom gene regulation. **International Journal Of Pharma and Bio Sciences** 5(2): (B)374-389. **I.F: 0.01**
6. Sivanantham, K. Firoz Babu, M. Anbu Kulandainathan, **Sunil G. Babu**, R. H. Suresh Babu and Gosipathala Sreedhar (**2014**). Capping and catalytic behaviour of lithiated sarcosine TFSI on the formation of hexagonal ZnO micro rods using hdrothermal method. **Materials Letters**, Vol.128,195-198. **I.F: 2.269**

5. Participation in orientation/refresher course/ workshop/ seminar/ conferences:

National:

1. Attended "Wet workshop on FISH Techniques" held during annual conference of UP chapter of Indian Association of pathologists and microbiologists organized by depar5tment of pathology Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow on 12th& 13th October, 2014.
2. AttendedHand's on Training on "SEM, FTIR, FPLC and Ion exchange chromatography" organized by USIC, BBAU during 18-20th Feb 2015.

Workshop Organized:

Organized Hand's on Training on "SEM, FTIR, FPLC and Ion exchange chromatography" as member, organizing committee, organized by USIC, BBAU during 18-20th Feb 2015.

International:

1. Attended International Pharmaceutical conference -2015 on "Nanoformulations and Translational Research: Small getting bigger" during Feb 02-03, 2015, Organized by Department of Pharmaceutical sciences , BBAU, 2015
2. Attended Indo US symposium on "Contemporary issues in Cell kinetics" organized by BBAU, 29-30th October 2014 at BBAU, Lucknow.

Workshops Organized:

1. Organized 15th Indo-US flow cytometry workshop on "Application of flow cytometry in Biomedical Research" as Organizing Secretary during 29-31 October, 2014 at Babasaheb Bhimrao Ambedkar University.
2. Organized International symposium on "Biodiversity: status, Utilization and impact of challenging Climatic Conditions" as member organizing committee during October 30-31, 2014 at Babasaheb Bhimrao Ambedkar University.

Oral/ poster presentations:

1. Poster presentation by Neelam Verma, Pradyumn Singh, **Sunil. G. Babu** on "miRNA based nanoformulations and their role in countering the diffuse Large B- Cell Lymphoma" during International Pharmaceutical Conference-2015, BBAU, Lucknow**.**
2. Oral presentation on the "Role of miRNA based nanoformulations in countering the latent infections of Human Cytomegalovirus? in the International Conference Pharmaceutical Conference-2015, organized by Department of Pharmacy and BBAU, Lucknow.

6. Invited speaker/ session chaired in national/ International conferences:

1. Delivered invited lecture on "Viral miRNAs on carcinogenesis and cellular apoptosis- an *in silico* analysis". in the Indo-US Symposium on "Contemporary Issues in Cell kinetics" organized by Babasaheb Bhimrao Ambedkar University, Lucknow.
2. Delivered a talk and conducted a session FPLC in the Hand's on Training on SEM, FTIR, FPLC and Ion exchange chromatography" organized by USIC, BBAU during 18-20th Feb 2015.

7. Research Guidance: Supervised a thesis entitled ""**Characterization of genes from a soil metagenome for improved biodegradation of the chlorinated insecticide hexachlorocyclohexane**" submitted by Mr. Ashish Srivastava.

Dr. Anand Prakash

Name : Dr. Anand Prakash

Designation : Assistant Professor

Contact: Phone : 9628282357;
email: anandlohia@gmail.com

Qualification : M.Sc. Ph.D.

Specialization : Neurobiology

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

1. Award & Recognition (if any): UGC-CSIR JRF ICMR JRF; Post Doctoral in NIH funded project at UIC, Chicago USA; Postdoctoral Fellow in A NIH Funded Project at Creighton University Chicago.
2. Book(s)/Book Chapter (s) Authored/ Edited Book/Monograph(s) (if any): 1
3. Details of the Project Sanctioned/ Executed (during 01.04.2014 to 31.03.2015): 3
   a. DBT funded Project " Role of Epigenetics during fear memory consolidation and extinction".
   b. DST funded project " A novel role of CEB and its target genes during fear memory erasure leading to extinction".
   c. DBT project "Role of Protease Activated receptors inGlioma migration and invasion". (Sanctioned)
4. Research Publication (s)

a. National Conference/Journal/Paper Presentation} (if any)

1. "Differential histone acetylation in the Amygdala leads to fear memory consolidation and extinction",International Journal of Science, Technology & Society, Vol. 1, No. 1, January-June, 2015 ISSN - 2395-1605.

b. International Conference/Journal/Paper Presentation} (if any):

5. Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences (if any)
   a. International Symposium on Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions October 30-31,2014.
6. Invited Speaker/Session Chaired in National/International Conferences detail (if any):
   a. Indo-US Symposium on Contemporary Issues in Cell Kinetics presented invited lecture on " Neurobiology of fear related Disorders", October 29-30,2014.
7. Research Guidance (if any): 4 Ph.D. scholars are enrolled.
8. Membership/Fellowship of Professional/ Academic Bodies (if any): NA
9. Google Scholar Profile (if available)

Citation indices	All	Since 2010
Citations	480	426
h-index	9	8
i10-index	9	8

IV. DEPARTMENT OF PHARMACEUTICAL SCIENCE

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 and the academic session 2012-13 commenced in the new building of the school. The library has latest journals of pharmacy from reputed publishing houses like Wiley-Blackwell, Springer-Verlag, Taylor & Francis and so on.

Placement Prospects

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

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

Faculty profile

S. No.	Name	Designation	Qualification	Area of Specialization
1	Shubhini A Saraf	Professor	M.Pharm, PhD	Lipoidal nanotechnology, Drug delivery
2	Dr. Sudipta Saha	Assistant Professor	M.Pharm, PhD	Pharmacokinetics, Cellular Toxicology
3	Dr.GauravKaithwas	Assistant Professor	M.Pharm, PhD	Lipid Research, Inflammopharmacology

B. Academic Activities of Faculty Members

B1 Awards/honours/fellowships

1. Prof Shubhini A Saraf

a. CSIR-CIMAP Outstanding Research Publication Award for year 2014 as co-author of paper

b. Award for Excellence in Research by European Institute for Scientific Research on Ayurveda, Feb, 2015.

2. Dr. Sudipta Saha

1. Young Scientist Award by European Institute for Scientific Research on Ayurveda, Feb, 2015.

3. Dr. Gaurav Kaithwas

1. Young Scientist Award by European Institute for Scientific Research on Ayurveda, Feb, 2015.

B2 Books/Edited Books/Monographs

Prof Shubhini A Saraf

Book (monograph)

A review of development in national health policy framework in India with special reference to technology and innovation: objectives and challenges.

B.3- Papers/Articles in Journal (S) (Published and Accepted)

Prof Shubhini A Saraf

1. Gaurav Kaithwas, Neha Sharma, Swetlana Gautam, Uma Devi, Manjari Singh, Jitendra K. Rawat, Nikunj Sethi, **Shubhini A. Saraf**: *Preclinical Appraisal of Terbutaline Kinfolks in Precipitation of Autistic Spectrum Disorder*. RSC Advances 04/2015; DOI:10.1039/C5RA04213E

2. Priya Singh Kushwaha, Vinit Raj, Ashok K Singh, Amit K Keshari, **Shubhini A Saraf**, Subhas Chandra Mandal, Rajnish Kumar Yadav, Sudipta Saha: *Antidiabetic effects of isolated sterols from Ficus racemosa leaves*. RSC Advances 04/2015; 5(44). DOI:10.1039/C5RA00790A.

3. Kumar A, Gautam S, Rawat J, Singh M, **Saraf S A**, Kaithwas G: *Effect of palonosetron (5HT-*

3 antagonist) and pantoprazole (proton pump inhibitor) against surgical esophagitis induced by forestomach and pylorus ligation in albino rats. Human & Experimental Toxicology 03/2015;

4. Sanjay Tiwari, Harinath Dwivedi, Koshy M Kymonil, **Shubhini A Saraf**: *Urate crystal degradation for treatment of gout: a nanoparticulate combination therapy approach..* 02/2015; Drug Delivery and Translational Research,DOI:10.1007/s13346-015-0219-1

5. Sukesh K Gupta, Swetlana Gautam, Jitendra K Rawat, Manjari Singh, **Shubhini A Saraf**, Gaurav Kaithwas: *Efficacy of variable dosage of aspirin in combating methotrexate-induced intestinal toxicity*. RSC Advances 01/2015; 5(13-13):9354-9360. DOI:10.1039/C4RA13640C

6. N Gulati, U Nagaich, **Saraf S A**: *Fabrication and in vitro characterization of polymeric nanoparticles for Parkinson's therapy: a novel approach.* Brazilian Journal of Pharmaceutical Science 12/2014; 50(4):869-876.

7. Suchita Dubey, Sudipta Saha, **Shubhini A Saraf**: *In vitro anti-cataract evaluation of standardised Abies pindrow leaf extract using isolated goat lenses.* Natural Product Research 11/2014; DOI:10.1080/14786419.2014.980250

8. Gaurav Kaithwas, Prince Raj, Manjari Singh, Jitendra Kumar Rawat, Swetlana Gautam, **Shubhini A Saraf**: *Effect of Enteral Administration of á – Linolenic Acid and Linoleic Acid against Methotrexate Induced Intestinal Toxicity in Albino Rats*. RSC Advances 10/2014; 4(104). DOI:10.1039/C4RA10213D

9. Sanjit Kumar, Manjari Singh, Jitendra K Rawat, Swetlana Gautam, **Shubhini A Saraf**, Gaurav Kaithwas: *Effect of rutin against gastric esophageal reflux in experimental animals.*. Toxicology mechanisms and methods 09/2014; DOI:10.3109/15376516.2014.961215

10. Neha Gulati, Monica Gupta, Jovita Kanoujia, Koshy Mamman Kymonil, Shailendra K. Saraf, **Shubhini A. Saraf**: *Green Nanoparticle Strategies: Utilizing Excipients Sourced from Nature*. Journal of Nanopharmaceutics and Drug Delivery. 09/2014; 2(3). DOI:10.1166/jnd.2014.1055

11. Ranjana Gupta, Anant Agrawal, Md. Meraj Anjum, Harinath Dwivedi, Koshy M. Kymonil, **Shubhini A. Saraf**: *Lipid nanoformulations for the oral delivery of bioactives:an overview*. Current Drug Therapy 09/2014; DOI:10.2174/1574885509666140805005207

12. Kuljeet Kaur, Rajiv Gupta, **Shubhini A. Saraf**, Shailendra K. Saraf: *Zinc: The Metal of Life*. Comprehensive Reviews in Food Science and Food Safety 07/2014; 13(4). DOI:10.1111/1541-4337.12067

13. Roshan Kumar Sahu, Bhupendra Singh, **Shubhini A Saraf**, Gaurav Kaithwas, Kamal Kishor: *Photochemical toxicity of drugs intended for ocular use.* Archives of Industrial Hygiene and Toxicology 05/2014; DOI:10.2478/10004-1254-65-2014-2461

14. Monica Gupta, Jovita Kanoujia, Sanjay Tiwari, A. **Shubhini Saraf**: *Development of Piroxicam Loaded Nanostructured Lipid Carriers for Spondylitis Treatment*. Advanced Science Letters 05/2014; 20. DOI:10.1166/asl.2014.5487.

Dr Sudipta Saha

1. Priya Singh Kushwaha, Vinit Raj, Ashok K Singh, Amit K Keshari, Shubhini A Saraf, Subhas Chandra Mandal, Rajnish Kumar Yadav, **Sudipta Saha***: *Antidiabetic effects of isolated sterols from Ficus racemosa leaves*. RSC Advances 04/2015; 5(44). DOI: 10.1039/C5RA00790A. (Impact Factor 3.705).

2. Pranesh Kumar, Atul Rawat, Amit K. Keshari, Ashok K. Singh, Siddhartha Maity, Arnab De, Amalesh Samanta, **Sudipta Saha***. Antiproliferative effect of isolated isoquinoline alkaloid from *Mucunapruriens* seeds in hepatic carcinoma cells. Natural Product Research, 2015, 1-4. DOI: 10.1080/14786419.2015.1020489. (Impact Factor 1.225).

3. Suchita Dubey, **Sudipta Saha**, Shubhini A Saraf: *In vitro anti-cataract evaluation of standardised Abies pindrow leaf extract using isolated goat lenses.* Natural Product Research 11/2014; DOI:10.1080/14786419.2014.980250 (Impact Factor 1.225)

4. Akanksha Mishra, Amit Kumar Keshari, **Sudipta Saha*.** Antiproliferative effect of flower extracts of *Spilanthes paniculata* on hepatic carcinoma cells. International

Journal of Pharmacy and Pharmaceutical Sciences, 2015, Vol 7, Issue 1, 130-134. (Impact Factor 0.91).

5. Rajnish Kumar Yadav, Amit K Keshari, Ashok K Singh, **Sudipta Saha***. Antidiabetic and hypolipidemic effect of Ficus racemosa petroleum ether extract in albino Wistar Rats. International Journal of Pharmacy and Pharmaceutical Sciences, 2015, Vol 7, Issue 4, 283-287. (Impact Factor 0.91).

6. Rajnish Kumar Yadav, Mahendra Singh, Srimanta Sarkar, Siddhartha Maity and **Sudipta Saha***.Cytotoxicity of different extracts of *Mucuna pruriens* seeds on hepatoma cells but not on normal hepatic cells.Pharmacognosy Communications, 2015, Volume 5, Issue 1, 75-81.

7. Rajnish Kumar Yadav, Bankim Chandra Nandy, Siddhartha Maity, Srimanta Sarkar, **Sudipta Saha***. Phytochemistry, pharmacology, toxicology, and clinical trial of *Ficus racemosa*. Pharmacognosy Reviews, 2015, Volume 9, Issue 17, 73-80.

8. Rajnish Kumar Yadav, Siddhartha Maity, **Sudipta Saha***.A review on TORCH: groups of congenital infection during pregnancy.Journal of Scientific and Innovative Research 2014; 3 (2): 258-264.

9. Govind, S. Maji, R. Kumawat, A. Pal, S. Kumar, **S. Saha**. Improvement of growth, yield and quality of garlic (*Allium sativum L.*) CV. G-282 through novel approach. The Bioscan, 2015, 10 (1), 1-5.

Dr. Gaurav Kaithwas

1. Arvind Kumar Giri, Jitendra Kumar Rawat, Manjari Singh, Swetlana Gautam, **Gaurav Kaithwas*.** Effect of Lycopene against Gastroesophageal reflux disease in experimental animals. BMC complimentry and alternative medicine, 2015**.**

2. Gaurav Kaithwas, Neha Sharma, Swetlana Gautam, Uma Devi, Manjari Singh, Jitendra K. Rawat, Nikunj Sethi, Shubhini A. Saraf: *Preclinical Appraisal of Terbutaline Kinfolks in Precipitation of Autistic Spectrum Disorder.* RSC Advances 04/2015; DOI:10.1039/C5RA04213E.

3. Arun Kumar, Manjari Singh, Swetlana Gautum, 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.

4. 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.

5. Prince Raj, Manjari Singh, Jitendra Kumar Rawat, Swetlana Gautam, Shubhini A. Saraf and **Gaurav Kaithwas*** Effect of enteral administration of á-linolenic acid and linoleic acid against methotrexate induced intestinal toxicity in albino rats. RSC Advances 2014, **4**, 60397-60403.

6. Kumar S, Singh M, Rawat JK, Gautam S, Saraf SA, Kaithwas G.Effect of rutin against gastric esophageal reflux in experimental animals.Toxicol Mech Methods. 2014 Dec; 24(9):666-71.

7. Sahu RK, Singh B, Saraf SA, Kaithwas G, Kishor K. Photochemical toxicity of drugs intended for ocular use.Arh Hig Rada Toksikol. 2014 Jun; 65(2):157-67.

8. Kamleshwar Shukla, Prince Raj, Arun Kumar, Mukesh Kumar, **Gaurav Kaithwas*.** Effect of Monotherapy and Combination Therapy of Pantoprazole and Aprepitant in Gastric Esophageal Reflux Disease in Albino Rat. The Scientific World Journal. 2014, Article ID 183147. http://dx.doi.org/10.1155/2014/183147.

B.4- Lectures Delivered

Prof Shubhini A Saraf

1. Recent advances and innovation in nanotechnology, "Innovative Concepts and Methodologies in Pharma- Research"6-9 April 2015 Govt. Kalaniketan college, Jabalpur

2. Nanotechnology and its role in cell internalization, Indo-US Symposium on Contemporary issues in Cell Kinetics, Oct 29-30 , 2014, Babasaheb Bhimrao Ambedkar University, Lucknow

3. Nutraceuticals: Pharmacokinetics and pharmacodynamics, International

symposium on Innovations in horticulture for nutrional security, conserving biodiversity and poverty alleviation, 16-18th oct 2014, Babasaheb Bhimrao Ambedkar University, Lucknow

4. Core Shell Type Nanoparticles-A novel treatment approach, NTTAHCS-2015, 03 march-2015, Dept. of Pharm. Sci., Integral University, Lucknow

5. Characterization of lipoidal nanoparticles, International symposium on material characterization, July, 2014, Babasaheb Bhimrao Ambedkar University, Lucknow

6. Hybrid Nanoparticles-A promising drug delivery system,7th NIPER (RBL)-CSIR-CDRI Symposium "Recent Advances in Pharmaceutical Sciences for Drug Discovery & Development, 20th-21st February, 2015 at National Institute of Pharmaceutical Education and Research (NIPER),Rae Bareli

Dr. Gaurav Kaithwas

1. Recent Advances in Pharmaceutical Sciences for Drug Discovery & Development, 7th NIPER (RBL)-CSIR-CDRI, 20-22nd Feb, 2014, Lucknow

B.5-Projects

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

Dr. GauravKaithwas

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, PI)

B.6- Membership in various Government and other Bodies.

Prof Shubhini A Saraf

1. Convenor 'Board of Studies' for B. Pharm. & M. Pharm, U P TechnicalUniversity, Lucknow. 2013-15.

2. Member 'Examination committee' of U P Technical University, Lucknow. 2013-15.

3. Member Research Degree Committee of Pharmacy, for U P TechnicalUniversity, Lucknow. 2013-15.

4. Inspector for Pharmacy Council of India (PCI)

5. Member Research Degree Committee of Pharmacy, for Banasthali Vidyapith, Rajasthan.. 2013-15.

Membership in BBAU

Prof Shubhini A Saraf

1. Chairman, **BPGS**, Dept. Of Pharm .Sc, BBAU, Lucknow

2. Chairman, DepartmentalResearch Committee of Pharmacy, BBAU.

3. Member School Board (SB&BT).

Dr. Sudipta Saha

(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.

Dr. Gaurav Kaithwas

(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.

B.7 Paper Presented In Seminars/ Conferences/ Workshops.

Prof Shubhini A Saraf

1. Colonic Targeting of Indigenously Produced Glutaminase Utilizing Alginate-Pectinate Microbeads, in 'Current Trends in Drug Discovery & Drug Delivery' organized by Shri Ram Institute of Technology - Pharmacy, Sponsored by DBT (Department of Biotechnology) held on 11 April, 2015.

Life Membership

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. GauravKaithwas

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 15 M. Pharm thesis in 2014-15.

Dr. Sudipta Saha

Guided 14 M. Pharm thesis in 2014-15.

Dr. Gaurav Kaithwas

Guided 15 M. Pharm thesis in 2014-15

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, full time permanent 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.

I. DEPARTMENT OF ENVIRONMENTAL SCIENCE

Department of Environmental Science is presently offering two P.G. programmes i.e., M.Sc. in Environmental Science as well as 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 95 P.G. students and more than 24 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 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 two Professor, two Associate Professors 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 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 completion, 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.

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

Book(s)/Book Chapter(s) Authored/Edited Book/Monograph(s) –

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. **Dwivedi S. K.** (2014). Role of antagonistic microbes in management of phytopathogenic fungi of some important crops. In Microbial Diversity and Biotechnology in food Security. eds. R.N. Kharwar et al. P. 273-292 (with Sangeeta)-(***Springer***) (ISBN 978-81-322-1800-5)
3. **Dwivedi S.K.** (2014). Sustainable agriculture and plant growth promoting Rhizobacteria. In Microbial Diversity and

A. Departmental Level Academic Activities

Faculty Name	Seminar/ Conference Participated by Faculty	Seminar/Conference/Lecture Organized by Department	Research Paper presented by faculty	Research Paper Published by Faculty	Book Published by Faculty
Prof. D.P. Singh	01	02	-	19	-
Prof. Rana Pratap Singh	09	01	-	08	-
Dr. S.K. Dwivedi	02	-	-	14	-
Mr. N.K.S. More	11	-	-	04	-
Dr. Shikha	02	-	-	07	-
Dr. Narendra Kumar	-	01	-	03	-
Dr. Venkatesh Dutta	02	02	03	05	-
Dr. Richa Kothari	02	-	-	03	01

D. Faculty Details

Name	Designation	Qualification	Specialization
Prof. D.P. Singh	Head & Dean, SES	M.Sc., Ph.D.	Environmental Microbiology/Stress Physiology
Prof. Rana Pratap Singh	Professor	M.Sc., Ph.D.	Sustainable Agriculture, Slow Release Fertilizers, Bioremediation and EIA
Dr. S.K. Dwivedi	Associate Professor	M.Sc., Ph.D.	Microbiology Ecology, Environmental Microbiology
Mr. N.K.S. More	Associate Professor	M.Sc., M.Phil	Cell & Developmental Biology, Toxicology
Dr. Shikha	Assistant Professor	M.Sc., Ph.D.	Environmental Microbiology
Dr. Narendra Kumar	Assistant Professor	M.Sc., Ph.D.	Water Pollution and Impact Assessment
Dr. Venkatesh Dutta	Assistant Professor	M.Sc., Ph.D.	Environmental Management, EIA, Modelling, Water Res. Management
Dr. Richa Kothari	Assistant Professor	M.Sc., M.Phil, Ph.D.	Renewable energy and wastewater Treatment Technology.

Biotechnology in food Security. eds. R.N. Kharwar et al. P. 327-341 (with Ram Gopal)-(***Springer***). (ISBN 978-81-322-1800-5)

4. **Dwivedi S. K.** (2014). Biofertilizers in sustainable Development of agricultural crops. - In: Organic Farming and Management of Biotic Stresses (eds. S.K.Biswas & Samir Pal. Biotech Books, New Delhi. p.160-169. (with Sangeeta and Ram Gopal) (ISBN: 978-81-7622-306-5)

5. **Dwivedi S. K.** (2014). Role of plant growth promoting Rhizobacteria in crop improvement. In: Biofertilizers for Sustainable Agriculture (ed. Sampat Nehra) Aavishkar Publishers, Distributers, Jaipur. p.1-41. (ISBN: 978-81-7910-452-1)– (with Ram Gopal).

6. Shiv Shankar and **Shikha(2014)** Fungal degradation of Polycyclic aromatic hydrocarbons, In: Biotechnology Volume 11-Biodegradation and Bioremediation (M. Ahmad & J. N. Govil eds.), Studium Press LLC, USA, Volume 11, pp 95-123. (Series ISBN: 1-62699-015-8, Volume ISBN: 1-62699-026-3)

7. Manjul Gupta, Shiv Shankar and **Shikha (2014)** Role of fungal laccases in lignin degradation and decolorization of pulp and paper mill effluent, In: Biotechnology Volume 11-Biodegradation and Bioremediation (M. Ahmad & J. N. Govil eds.), Studium Press LLC, USA, Volume 11, pp 241-272. (Series ISBN: 1-62699-015-8, Volume ISBN: 1-62699-026-3)

8. Science, technology and innovation policy for inclusive growth: defining the future agenda for India, in Sobti, R. C. (edited) "India: Culture of Science-Glorious Past & Bright Future.", Narendra Publishing House, 2014, New Delhi. (ISBN 9382471847).

9. Biological hydrogen production by facultative anaerobic bacteria 263 *Enterobacter aerogens* (MTCC 8100), Recent Advances in Bioenergy Research Volume III, Editors: SACHIN KUMAR A. K. SARMA S. K. TYAGI Y. K. YADAV, ISBN 978-81-927097-2-7; 2014

10. Details of the Project Sanctioned/Executed (during 01.04.2014-31.03.2015)

Name of the Title	Funding Agency	Duration	PI/Co-PI Amount (Rs.)
Major Research Project Entitled "NUE in wheat on application of conventional chemical fertilizers, bio-fertilizers and organic matrix entrapped granular fertilizer at different irrigation levels	UGC	-	PI: Prof. Rana Pratap Singh Amount: Rs. 15, 5000
'Impact assessment of dissolved metals in ground water on health and water quality in the industrial, agricultural, and urban areas of Kanpur, Uttar Pradesh'	UGC, New Delhi	2 years	PI: Dr. Narendra Kumar 7.29 Lacs
Study of Policy and mechanism that could facilitate delivery of STI outputs for social inclusion in water sector (Ongoing)	DST, Govt. of India	2014 – 2017	Co-PI: Dr. V. Dutta Rs. 64.5 Lakh
Preparation of 5 years Action Plan for Artificial Recharge Activities and Water Conservation Schemes in Critical Block Bheetargaon of Kanpur Nagar (Ongoing)	Groundwater Department, Kanpur Division, Govt. of Uttar Pradesh	1 year	PI: Dr. V. Dutta, Rs. 90,200
Groundwater Quality assessment with Integrated Mapping in Kanpur and Kannauj Districts, Uttar Pradesh	Groundwater Department, Kanpur Division, Govt. of Uttar Pradesh	1 Year	PI: Dr. V. Dutta, Rs. 5.5 Lakh
Study of policies and mechanism that could facilitate delivery of STI output for social inclusion in **energy** sector	DST, GOI	2014-2017	Co-PI- Prof. D.P. Singh Prof. R.P. Singh Dr. V. Dutta Dr. Rich Kothari

11. Research Publication (s)

National / International Conference/Journal/ Paper Presentation

Prof. D.P. Singh

1. Sonal Dixit and **D.P. Singh** (2015) Differential response of Photosynthetic apparatus of cyanobacteium *Nostoc muscorum* against Pb and Cd toxicity. Photosynthetica, 53: **IF- 1.01,**
2. Singh Shailza, **D.P. Singh** and NanditaSingh (2014). Effect of Arsenic Exposure on *Triticumaestivum* L. Genotypes: Evaluation of Arsenic Accumulation in Contrasting Genotype of India. Int. Res. Journal of Environmental Sciences (Accepted manuscript)**.IF-0,**
3. B. Kumari, S. Rajput, P. Gaur, S.N. Singh and**D.P. Singh** (2014). Biodegradation of Pyrene and Phenanthrene by Consortium and Evaluation of Role of Surfactant. Cell. Mol. Biol. 60(5):21-26**.IF-1.46.**
4. N. Vishnoi and**D.P. Singh** (2014). Biotransformation of arsenic by bacterial strains mediated by oxido-reductase enzyme system. Cell. Mol. Biol.60(5):7-14**. IF-1.46.**
5. Singh Shailza, **D.P. Singh** and Nandita Singh(2014). Arsenic Accumulation in Rice (*Oryza Sativa L.*) Genotype of India. Int. Res. Journal of Environmental Sciences 4 (02): 45-50. **IF-0,**
6. S. Dixit and **D.P.Singh** (2014) Role of free living, immobilized and non-viable biomass of *Nostocmuscorum* in removal of heavy metals: An Impact of physiological state of biosorbent.Cell. Mol. Biol. 60(5):104-112. **IF-1.46,**
7. Pathak, V.V., **D.P.Singh**, R. Kothari and A.K. Chopra (2014).Phycoremediation of Textile Wastewater by Unicellular Microalga *Chlorella pyrenoidosa*. Cell. Mol. Biol.60 (5): 32-36. **IF-1.46,**
8. Arun, N. and **D P Singh (2014)** A review on Pharmacological applications ofhalopjilic alga *Dunaliella*. Ind. J. Marine Sciences (Accepted) **IF-0.40.**
9. Arun, N.,Vidhyalaxmi and **D.P Singh** (2014). Chromium (VI) induced oxidative stress in halotolerant alga *Dunaliella salina* and *D. tertiolecta* isolated from Sambhar salt lake of Rajasthan (India).Cell. Mol. Biol.60(5):84-90. **IF-1.46.**
10. Chandra,P. and **D.P.Singh** (2014). Removal of Cr(VI) by a halotolerant bacterium *Halomonas* sp. CSB 5 isolated from Sambhar Salt Lake Rajasthan (India). Cell. Mol. Biol. 60(5): 58-66. **IF-1.46.**
11. Vishnoi, N.,Sonal Dixit and **D P Singh** (2014) Surface binding and Intracellular uptake of Arsenic in bacteria isolated from arsenic contaminated site. Ecological Engineering, 73: 569-578.**IF- 3.06**
12. P. Chandra, M. Barsainya, **D. P. Singh** (2014) A Fourier Transform Infrared (FTIR) spectroscopic study on cellular changes in the *Marinococcus luteus* SSLB1 under different salinity regime. Int. J. Pharma and Bioscience, 5 (4): 848-854. **IF- 0**
13. V C Pandey, N Singh, R P Singh, D. P. Singh (2014) Rhizoremediaition potential of spontaneously grown Typhalatifolia on fly ash basins : Study from the field. Ecological Engineering, 71: 722-727 **IF- 3.06,**
14. N. Kumar, K. Baudh, S Kumar, N. Dwivedi, **D.P. Singh** and S C Barman (2014) Toxicity Assessment and Accumulation of metals in Radish irrigated with Battery manufacturing Industry Effluent. Int J. Vegetable Science **doi: 10:.1080/ 19315260.2014.880771) IF- 0,**
15. V.C. Pandey, J.S. Singh, D P Singh and R P Singh (2014) Methanotrophs: Promising bacteria for Environmental Remediation. International Journal of Environmental Science and Technology 11:241-250**.IF-1.84,**
16. Sonal Dixit and **D.P. Singh** (2014) An evaluation of phycoremediation potential of cyanobacterium *Nostoc muscorum*: J. Applied Phycology, 26, 1331-1342 (DOI: 10.1007/ s10811-013-0145-x) **IF- 2.33.**
17. J.S. Singh and **D.P. Singh** (2014) Impact of Anthropogenic disturbances on methanotrophs abundance in dry tropical forest ecosystems, India Exp. Opinion on Environ. Biology. 01/2014 DOI:10.4172/ 2325-9655.1000106. **IF- 0.**
18. N. Kumar, K. Baudh, S Kumar, N. Dwivedi, **D.P. Singh** and S C Barman (2014) Toxicity Assessment of flash light manufacturing Industry effluent by bioassay test in Methi

(*Trigonella foenumgracum*) J. Environ. Biology, 35(6), 1107-1113. **IF- 0.68.**

19. S. K. Upadhayay and **D. P. Singh** (2014) Effect of Salt tolerant-PGPRs on wheat plant and soil health under saline environment. Plant Biology, 17: 289-293 (On line, doi10.1111/plb.12173). **IF- 2.32.**

Prof. Rana Pratap Singh

1. Kumar M., Bauddh K., Sainger M., Sainger AP., **Singh R.P. (2015**). Increase in Growth, productivity and nutritional status of Wheat **(***Triticum aestivum* L) and enrichment in soil microbial population applied with biofertilizers entrapped with organic matrix. **Journal of Plant Nutrition,[Impact Factor: ISI=0.536]** 38:260-276 DOI 10.1080/01904167.2014.957391.
2. Kumar, A., Tripathi, R.D., **Singh, R.P**., Singh, P.K., Awasthi, S., Chakrabarty, D., Trivedi, P.K. (2014). Selenium ameliorates arsenic induced oxidative stress through modulation of antioxidant enzymes and thiols in rice (*Oryza sativa* L.). ***Ecotoxicology*** (DOI 10.1007/s10646-014-1257-z**[Impact Factor: ISI= 2.50]**.
3. Kumar, S., Bauddh, K., Barman, S.C., **Singh, R.P.** (2014). Amendments of microbial biofertilizers and organic substances reduces requirement of urea and DAP with enhanced nutrient availability and productivity of wheat (*Triticum aestivum* L.). ***Ecological Engineering***, 71, 432-437. **[Impact Factor: ISI=3.136]**
4. Sainger, M., Sharma, A., Bauddh, K., Sainger, P.A., **Singh, R.P.** (2014). Remediation of Nickel contaminated soil by *Brassica juncea* L. cv. T-59 and effect of the metal on some metabolic aspects of the plant. ***Bioremediation Journal***, 18(2), 100-110. **[Impact Factor: ISI=0.714]**
5. Pandey, V.C., Singh, N., **Singh, R.P**., Singh, D.P. (2014). Rhizoremediation potential of spontaneously grown *Typha landifolia* on fly ash basins: Study from the field. ***Ecological Engineering***, 71, 722-727. **[Impact Factor: ISI=3.136]**
6. Bauddh, K. and **Singh, R.P.** (2014). Effect of organic and inorganic amendments on bioaccumulation and partitioning of Cd in *Brassica juncea* and *Riccinus communis*. ***Ecological Engineering***, 74, 93-100. **[Impact Factor: ISI=3.136]**
7. Kumar, **S,** Bauddh, K. Barman, S.C., **Singh, R.P.(2014):** Organic matrix entrapped bio-fertilizers increase growth, productivity and yield of *Triticum aestivum* L. and mobilization of NO_3^-, NO_2^-, NH_4^+ and PO_4^{-3} from soil to plant leaves. ***Journal of Agricultural Science and Technology,*** 16(2): 315-329 (Impact Factor: **ISI: 0.685)**
8. Ashok, V., Kumar, S., **Singh, R.P.** (2014). Response of Organic Matrix Entrapped biofertilizers on Growth, Yield and soil properties of Rice (*Oryza sativa* L.). ***Asian J. Agric. Food Sci***. 2(3), 211- 220.

Dr. S.K. Dwivedi

1. **Dwivedi S.K.** (2014). Evaluation of Antagonistic Potentiality of some Natural Plant Extracts against *Fusarium oxysporum* f.sp. *lini*. *International Journal of Pharma and Bio Sciences* (IJPBS). 5(1):(B)765-772. (with Sangeeta) (ISSN: 0975-6299) (**I.F**.- 5.121).
2. **Dwivedi S.K.** (2014). Screening of microfungi from Soybean (*Glycine max* L.) seeds. *International Journal of Pharma and Bio Sciences* (IJPBS). 5(1):(B)877-881. (with Ram Gopal) (ISSN: 0975-6299) (**I.F**.- 5.121).
3. **Dwivedi S.K.** (2014). Effect of fungal staling growth substances of precolonized microfungi on colonization of some potential microfungi of composite soil inocula. *International Journal of Scientific and Research Publications*. 4(2): 1-12. (with Sangeeta) (ISSN: 2250-3153) (**I.F**.- 1.22).
4. **Dwivedi S.K.** (2014). Effectiveness of some Antagonistic fungi and botanicals against *Fusarium solani* and *Fusarium oxysporum* f.sp.*lycopersici* infecting brinjal and tomato plants. *Asian Journal of Plant Pathology* (USA) DOI:10.3923/AJPPAJ.2014. p. 1-8 (with Enespa) (ISSN: 18191541)
5. **Dwivedi S.K.** (2014). Studies on soil fungi of wheat crop field with reference to antibiosis. *International J. Biological and Pharmaceutical Research* (IJBPR). 5(2): 186-190. (with D.K. Agrahari) (ISSN: 2229-7480) (I.F. 1.34)
6. **Dwivedi S.K.** (2014). *In vitro* and *in vivo* evaluation of some pesticides against *Fusarium solani*. *International J Multidisciplinary Educational Research*. Vol 3: 2(3): 164-172. (with D.K. Agrahari) (ISSN: 2277-7881) (I.F. 2.735)

7. **Dwivedi S.K.** (2014). Evaluation of heavy metals toxicity against soil-borne fusarial pathogens causing wilt in vegetable crops. *Journal of Mycopathological Research*. 53(1):69.73. (with Enespa) (ISSN: 0971-3719). (NASS rating: 4.4).

8. **Dwivedi S.K.** (2014). Role of mycorrhizae as Biofertilizer and Bioprotectants. *International Journal of Pharma nd Bio Sciences*. 5(1): (B)765-772. (I.F. 5.121) (with Sangeeta and Ram Gopal).

9. **Dwivedi S.K.** (2014). *In vitro* cellulase 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* (In Press). (ISSN: 0972-1045)(with Enespa).

10. **Dwivedi S.**K. (2014). Efficacy of some medicinal plant extract against *Fusarium oxysporum* f.sp. *ciceri*causing chickpea wilt. *Asian Journal of Crop Science*. (accepted) **(ISSN: 1994-7879)** (with Sangeeta)

11. Efficacy of some medicinal plant extracts and microbial antagonists against *Fusarium* spp. causing wilt disease in brinjal and guava. *Asian Journal of Plant Pathology* (Accept)(ISSN: 1819-1541)

12. **Dwivedi S.K.** and Dwivedi Neetu (2014). Potential of microbial antagonists as biocontrol agents against *Fusarium* wilt of guava (*Psidium guajava*). *Crop Protection* (***Springer***) (Minor revesion) I.F. 1.66 (ISSN: 0261-2194).

13. Dwivedi Neetu and **Dwivedi S.K.** (2014). Histopathological observation in guava root during wilting caused by *Fusarium* species: A SEM study. *International Journal of Fruit Science*. (Under Review) (ISSN: 1553-8362 (Print), 1553-8361 (Online)).

14. **Dwivedi S.K.** (2014). Comparative efficacy of fungicides, insecticides and herbicides against *Fusarium* spp. causing brinjal and tomato wilt. *Journal of Applied Horticulture*. (Accepted) (ISSN: 0972-1045). (NAAS rating: 4.6) (with Enespa).

Mr. N.K.S. More

1. Heavy Metals (Cd, Cu and As) accumulation by aquatic plant along Gomti River, Lucknow (UP) (2014) Anurag Kumar Singh, N K S More and Pashupati Nath G-*J of Env Sc. and Tech* 1(6) ISSN 2322-0228

2. Extent of nitrate and nitrite pollution in ground water of rural areas of Lucknow, UP, India AVerma, A K Rawat and Nandkishor More (2014) *J. Current World Environment* Vol. 9(1),114-122.

3. Chromium Accumulation in *Eisenia Foetida* in modified vermi compost supplemented with Tannery sludge (2015) Venkatesh Kumar R, Nandkishor More,Sushila kanoujia, Param Dev, Brijesh Ranjan and Yashwant Kumar *J of Agroecology and Natural Resource Management* ISSN 2394-0786 vol 1 no 4,

Dr. Shikha

1. 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**)

2. Shiv Shankar, Uma Shankar and **Shikha** (2014) Arsenic contamination of groundwater: A review of sources, prevalence, health risks and strategies for mitigation, The Scientific world journal. Volume 2014, Article ID 304524, 18 pages http://dx.doi.org/10.1155/2014/304524**(ISI Thomas Reuters Impact factor-1.219)**

3. Sangeeta Saxena, Jyoti Verma, **Shikha**, Dinesh Raj Modi **(2014)** RAPD-PCR and 16S rDNA phylogenetic analysis of alkaline protease producing bacteria isolated from soil of India: Identification and detection of genetic variability, Journal of Genetic Engineering and Biotechnology, 12:27-35 (http;//dx.doi.org/10.1016/;.jgeb2014.03.001) [ISSN 1687-157X].

4. Pankaj srivastava, Manjul Gupta, **Shikha**, Nandita Singh, Shri Krishna Tewari **(2014)** Amelioration of sodic soil for wheat cultivation using bioaugmented organic soil amendment, Land Degradation and Development. Wiley online library.com (doi: 10.1002/ldr.2292) **(ISI Thomas Reuters Impact factor-2.058** [online ISSN 1099-145X].

5. M Gupta, **Shikha**, PK Srivastava, SK Tewari **(2014)**Quality evaluation of vermicompost at various phases of farm waste composting and during storage, Advances in Bioresearch 5 (1), 65-72. [ISSN 2277-1573,**Universal Impact factor: 0.9710**]

6. M Gupta, **Shikha,** PK Srivastava, SK Tewari **(2014)**Prospects of sodic soil amelioration for increased crop production in India, Advances in Bioresearch 5 (1), 160-162. [ISSN 2277-1573, **Universal Impact factor: 0.9710**]

7. M Gupta, PK Srivastava, **Shikha**, SK Tewari**(2014)**The role of bioameliorants in sodic soil reclamation, IJSR Spl. Ed & NCWPCEB, 52-56. [ISSN 0976-2876 (print), **Universal Impact Factor:1.4053**]

Dr. Naredra kumar

1. Anjali Verma, **Narendra Kumar,** (2015). Interlinking of rivers in India: Proposed Sharda- Yamuna Link. IOSR Journal of Environmental Science, Toxicology and Food Technology 9 (2), 28-35.

2. **Narendra Kumar,** Sanjeev Kumar, Kuldeep Bauddh, Neetu Dwivedi, Preeti Shukla, D.P.Singh and S.C.Barman, (2014). Toxicity assessment and accumulation of metals in Radish irrigated with battery manufacturing industry effluent. Int. J. of Veg. Sc. (DOI: 10.1080/19315260.2014. 880771)

3. Anjali Verma, **Narendra Kumar**, (2014). Role of Proposed Inter-Basin Water Transfer Projects In Drought and Flood Management. International Journal of Current research 6 (07), 7356-7357.

Dr. Venkatesh Dutta

1. Tiwari, V. K., Dutta, V., & Yunus, M. (2014). Assessment of Post-Project Compliance of Environmental Impacts of Housing Projects in Lucknow City Using Leopold Interaction Matrix. ***Environmental Management and Sustainable Development***, 4(1), 29-47.

2. Tiwari, V. K., Dutta, V., & Yunus, M. (2014). A Comparative Study of Environmental Impact Assessment Reports of Housing Projects of Lucknow City, Uttar Pradesh, India, G. ***Journal of Environmental Science and Technology.*** 2(1) 6 – 14.

3. Archana. and V. Dutta. (2014). Seasonal Variations in Physico-Chemical Characteristics of Leachate in Active and Closed Municipal Solid Waste Landfill sites in Lucknow, India. G. ***Journal of Environmental Science and Technology.*** 1(4) 90 – 95.

4. Kumar, S., Dutta, V., and S. Jain (2014) Locating the Livelihood Problems for the Promotion of Sustainable Life in Slums of Dehradun, Uttrakhand, India using Ikonos High Resolution Satellite Image. IOSR ***Journal of Environmental Science, Toxicology and Food Technology*** 8(1), 31-36.

5. Dutta, V., Nathan, H. & Dasgupta, P. (2015) Evaluating expert opinion on India's climate policy: Opportunities and barriers to low-carbon inclusive growth, ***Climate and Development***, Forthcoming (accepted for publication)

6. Dutta, V., Sharma, U. & Kumar, R. (2015) Assessment of human-induced impacts on hydrological regime of Gomti River Basin, India, ***Management of Environmental Quality***, Forthcoming (accepted for publication)

Dr. Richa Kothari

1. Different aspects of dry anaerobic digestion for bio-energy: An overview; 39, 174-195, 2014., Renewable and Sustainable Energy Reviews., ***ISSN***: 1364-0321, 5.615; Citation: 02

2. Phycoremediation of textile wastewater by unicellular microalga Chlorella pyrenoidosa. 60 (5), 35-40., Cellular and Molecular Biology, doi : 10.14715/cmb/ 2014.60.5.7, 1.14; Citation: 02

3. Dark Fermentation :a green way to produce hydrogen and methane, International Journal of Science, Technology and Society, ISSN - 2395-1605

5. Participation in Orientaion/Refresher Course/Wokshop/Seminar/Conferences

Prof. D.P. Singh

1. 16-17 January, 2015 International Workshop "Bridging Development Divide for Inclusive Growth Through Science, Technology and Innovation" BBAU, Lucknow

Prof. Rana Pratap Singh

1. Delivered two lectures in Refresher course in Life Sciences on 12-9-2014 at DDU Gorakhpur University, Gorakhpur
2. Delivered invited lecture in DBT Sponsored Short Term Training Course on Plant transgenic Technologies on October 3, 2014 at Centre for Biotechnology, MD University, Rohtak.
3. Participated as a panelist in a Seminar Knowledge Creation, Extraction, Discovery and Delivery by Informatics Publishing Limited, Bangalore on September 16, 2014 at Hotel Golden Tulip, Lucknow.
4. Nominated and Participated as external expert in Research Degree Committee of Awadhesh Pratap Singh University, Rewa and MJP Ruhelkhand University, Bareilly.
5. Judged the exhibits in CBSE Regional Level Science Exhibition on 7-7-2014 at RLB Memorial School
6. Participated as member organizing committee in International Symposium on Biodiversity: Status Utilization and Impact of Challenging Climatic Conditions on October, 30-31, 2014 at BBA University, Lucknow.
7. Chaired Session in International Symposium on Innovations in Horticulture for Nutritional, Conserving Biodiversity and Poverty Alleviation on October, 16-18, 2014 at BBA University, Lucknow.
8. Chaired Session in BRIDGES, 2015, International workshop on Bridging Development Divide for Inclusive Growth to Science, Technology and Innovation on January, 16-17, 2015 at BBA University, Lucknow
9. Chaired a special Session, Judge Poster Session and Delivered a lecture on 5th International Conference on Plants and Environmental Pollution on February, 24-27, 2015 at CSIR, NBRI, Lucknow

Dr. S.K. Dwivedi

1. International Workshop BRIDGES 2015, Dept. of Environmental Science, B.B.A.U., Lucknow
2. International Symposium on Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions, B.B.A.U., Lucknow

Mr. N.K.S. More

1. One day workshop on Climate Change and its Impact on Urban Environment on occasion of World Environment Day on June 5,2014 at RCUES, Lucknow University, Lucknow, India.
2. International Conference on Recent Trends and Challenges in Science Technology and Society (**RTCST-2014), from 20-22 Aug, 2014 at** P V P college of Arts Science and Commerce, Pravaranagar**, India**
3. 8th European Conference on Ecological Modeling Beyond boundaries: Next generation modeling held **from** Oct 27-30**, 2015 at** Marrakech, **Morocco**
4. 4th Global Sustainable Biotech Congress held on 1st to 5th Dec 2014, organized by School of Life Sciebces, Global Biotech Forum and Cetys University, Cetys, Mexico at North Maharashtra University, Jalgaon (MS). India.
5. Pre Science Congress on Innovations in Science and Technology for Inclusive development held on 29th -30thDec , 2014 organized by Dept of Zoology, Dr B A M University, Aurangabad, (MS), India.
6. National Conference on Recent Advances in Chemical and Biological Sciences (RACB-2015) held at M.J. College, Jalgaon 425002 (MS), INDIA on 5-6 Feb 2015.
7. National Seminar on University Industry Partnership: A March Towards Sustainable Growth AMTSG-2015 on 12th -13th March 2015 organized by Centre for Industry institute partnership Program, B B A University, Lucknow-226025. UP, India.
8. National Seminar on International Current trends in Society, Science and Technology organized by Academy of Administrative Careers, Mumbai University, Mumbai, India. held from 27th to 29th March 2015
9. 8th European Conference on Ecological Modeling Beyond boundaries: Next generation modeling held **from** Oct 27-30**, 2015 at** Marrakech, **Morocco**
10. 4th Global Sustainable Biotech Congress held on 1st to 5th Dec 2014, organized by School of Life Sciebces, Global Biotech

Forum and Cetys University, Cetys, Mexico at North Maharashtra University, Jalgaon (MS). India.

11. Pre Science Congress on Innovations in Science and Technology for Inclusive development held on 29th -30thDec , 2014 organized by Dept of Zoology, Dr B A M University, Aurangabad, (MS), India.

Dr. Shikha

1. National workshop on Data Analysis and project designing Organized by School For Home Sciences, B. B. A. University, Lucknow-(U.P.) from 9-13th Feb., 2015(one week).
2. Workshop on SEM, FTIR, FPLC and Ion chromatography organized by University Science instrumentation Centre, B. B. A. University, Lucknow from 18-20th Feb., 2015.

Richa Kothari

1. UGC- Sponsored; ASC, University of Rajasthan, Jaipur, 16/06/2014 to 05/07/2014, **Referesher Courses,**
2. OIP, AICTE, GOI; IIT – Delhi, 02-08 June, 2014, **Faculty Development Programme.**
6. Invited Speakers/Session Chaired in National/International Conferences details

Prof. Rana Pratap Singh

1. Chaired Session in National Conference on Challenges for Sustainability of Natural Resources and Environment with Emphasis on Aquatic Eco System for Livelihood Security, on October, 10-12, 2014 at G.B. Pant University of Agriculture and Technology, Pant Nagar.
2. Presented invited lecture in National Conference on Sustainable Water Resources Management: Challenges and Opportunities, on January, 20-21, 2015 at Rani Durgawati University, Jabalpur.
3. Delivered invited Talk in 102nd Indian Science Congress and Symposium Science and Technology for Human Development on January, 3-7, 2015 at University of Mumbai, Mumbai.
4. Delivered lecture on Innovative Teaching Techniques on October, 14, 2014 at College of Biotechnology, Sardar Vallabh Bhai Patel University of Agricultural and Technology, Meerut.

Mr. N.K.S. More

1. 8th European Conference on Ecological Modeling Beyond boundaries: Next generation modeling held **from**Oct 27- 30**, 2015 at** Marrakech, **Morocco**
2. 4th Global Sustainable Biotech Congress held on 1st to 5th Dec 2014, organized by School of Life Sciebces, Global Biotech Forum and Cetys University, Cetys, Mexico at North Maharashtra University, Jalgaon (MS). India.
3. Pre Science Congress on Innovations in Science and Technology for Inclusive development held on 29th -30thDec , 2014 organized by Dept of Zoology, Dr B A M University, Aurangabad, (MS), India.

Dr. Narendra Kumar

1. Delivered an invited talk on "Biomedical Waste Management" and chaired a technical session in "National Seminar on Waste Disposal Crisis: Issue and Challenges" organized by Department of Armapore P.G. College, Kanpur during 29-30th March 2015.

Dr. Venkatesh Dutta

1. Invited speaker, 2014 International Conference of UNESCO Chair in "Technologies for Development: What is Essential?", Cleanala-Wet Systems: A Low-Cost Decentralized Technology for Treating Wastewater in a Developing City, 4 – 6 June, 2014, Lausanne, **Switzerland.**
2. All India Workshop on Water Conservation, Indian Water Resources Society, IIT Roorkee, WWF & Deptt. of Irrigation, UP, Valuation River Ecosystem Services: Methods, approaches & their applicability, July 20, 2014, Lucknow
3. International Workshop on "Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation", DST-Centre for Policy Research, BBAU, Lucknow, India's Water Policy and Role of STI, 16 – 17 January, 2015, Lucknow

Dr. Richa Kothari

1. International Towards Sustainable Water and Wastewater Management in the Local Government: Bridging the Skills Gap, THE WATER AND WASTEWATER SUMMIT; 25th FEBRUARY 2015, Vaal University Of Technology, Johennesberg, South Africa,

7. Research Guidance

Ph.D. Programme

Sr. No.	Name of Supervisor	Currently Working	Sub-mitted	Awarded
1	Prof. D.P. Singh	04	02	02
2	Prof. Rana Pratap Singh	06	01	02
3	Dr. S.K.Dwivdi	02	-	03
4	Dr. Shikha	01	-	01
5	Dr. Narendra Kumar	05	-	-
6	Dr. Venkatesh Dutta	02	03	-
7	Dr. Richa Kothari	04	-	-

M.Sc. Programme

Sr. No.	Name of Supervisor	Completed M.Sc. Dissertation (2014)
1	Prof. D.P. Singh	05
2	Prof. Rana Pratap Singh	04
3	Dr. S.K.Dwivdi	05
4	Mr. N.K.S. More	05
5	Dr. Shikha	06
6	Dr. Narendra Kumar	06
7	Dr. Venkatesh Dutta	06
8	Dr. Richa Kothari	06

8. Membership/Fellowship of Professional/ Academic Bodies

Prof. D.P. Singh

1. Member Academic Council, Purvanchal University, Jaunpur (UP).
2. Member Board of studies, central university of Bihar, Patna.
3. Member Board of studies, Department of Environmental science, Mizoram University, Aizwal.
4. Member BPGS in Dept. of Biotechnology Barkatullah University, Bhopal, M.P.
5. Member Board of studies Department of Environmental Science, Jiwaji University, Gwalior.
6. Member Board of Studies, Central University Bihar
7. Member Department of Rural technology, Guru Ghasi Das central university, Bilaspgur.
8. Member Board of studies, Department of microbiology, Aligarh Muslim University, Aligarh.

Prof. Rana Pratap Singh

1. Fellow of Academy of Environmental Biology of India (HQ: IITR, Lucknow).
2. Fellow of Indian Society for Plant Physiology, New Delhi (HQ: IARI, New Delhi)
3. Life member of National Academy of Sciences, Allahabad India, Indian Science Congress Association, Calcutta, 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 Vigya Manch, Rohtak.
4. Member Executive Committee International Society of Environmental Botanists, CSIR-National Botanical Research Institute, Lucknow.
5. Member Editorial Advisory Board, Vigyan Ganga, A Science Magazine of Banaras Hindu University, Varanasi.
6. Worked as Editor-in-Chief of an International Journal "Physiology and Molecular Biology of Plants (www.springer.com/journal/12298). The journal is marketed globally by Springer over 10,000 destinations worldwide. It has a Scopus rating of about 1.0 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 byBBA 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.

Dr. S.K.Dwivedi

1. Life Member, Indian Science Congress Association
2. Life Member, Indian Phytopathological Society
4. Life Member, Indian Botanical Society
5. International Society for Tropical Ecology
6. Purvanchal Environmental Association
7. Society for Advancement of Horticulture

Dr. Venkatesh Dutta

1. Member of the National Selection Committee, Fulbright-Nehru Post-Doctoral Fellowship, United States India Education Foundation (USIEF), New Delhi.
2. Member – Core Group, State Science & Technology Programme (SSTP), Ministry of Science and Technology, Govt. of India (2014 – 2017).
3. Fellow: Society of Earth Scientists, India
4. Life Member: International Association of Hydrological Sciences (IAHS), UK
5. Life Member: Urban Economics Association, USA
6. Life Member: Indian Science Congress Association, India
7. Life Member: Indian Water Resources Society, IIT Roorkee

7. Google Scholar Profile

Prof. D.P. Singh

Citation Indices	All	Since 2010
Citations	945	699
h-index	17	14
i10-index	24	18

Prof. Rana Pratap Singh

Citation Indices	All	Since 2010
Citations	1794	1012
h-index	22	17
i10-index	47	33

Dr. S.K.Dwivedi

Citation Indices	All	Since 2010
Citations	461	247
h-index	11	9
i10-index	13	9

Dr. Shikha

Citation Indices	All	Since 2010
Citations	131	104
h-index	5	5
i10-index	3	3

Dr. Narendra Kumar

Citation Indices	All	Since 2010
Citations	138	135
h-index	6	6
i10-index	3	3

Dr. Venkatesh Dutta

Citation Indices	All	Since 2010
Citations	56	42
h-index	4	3
i10-index	1	1

Dr. Richa Kothari

Citation Indices	All	Since 2010
Citations	553	501
h-index	10	10
i10-index	10	10

II. DEPARTMENT OF ENVIRONMENTAL MICROBIOLOGY

Department of Environmental Microbiology (DEM) under School for Environmental Sciences (SES) was initially 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 are 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 vital roles in the environment which maintain the sustainability of the ecosystems. Due to swelling 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, CSIR, UGC 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 28.52 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

D. Faculty Detail –

S.N.	Name of the Faculty	Designation	Qualification	Contact	Area of Specialization
1.	Dr. Naveen Kumar Arora	Associate Professor & Coordinator	M.Sc., Ph.D.	nkarora.bbau@gmail.com	Environment and Agricultural Microbiology
2.	Dr. Rajesh Kumar	Associate Professor	M.Sc., Ph.D.	rajesh4971@yahoo.com	Immunosensors (Bioremediation of Petroleum and Heavy metal Affected Sites)
3.	Dr. V S Baghel	Assistant Professor	M.Sc., Ph.D.	baghelbbau@gmail.com	Environmental Microbiology Biotechnology/ Toxicology
4.	Dr. Jay Shankar Singh	Assistant Professor	M.Sc., Ph.D.	jayshankar_1@yahoo.co.in	Microbial Ecology and Environmental Microbiology
5.	Dr. R N Bharagava	Assistant Professor	M.Sc., Ph.D.	bharagavabiotech77@gmail.com	Bioremediation, Metagenomics, Rhizosphere Microbiology

E. Academic details/ activities of the faculty:

1. Awards & Recognition:

Dr. Naveen Kumar Arora

1. Awarded Certificate of Appreciation in Research by the Honorable Governor of Uttar Pradesh, 9, June, 2014.
2. Young Achievers Award for contribution in the field of Agricultural Microbiology by Asian PGPR society at BHU, Varanasi, 7-8 October, 2014.

Dr. Jay Shankar Singh

1. Research recognition award for publishing paper in high impact factor reputed international journal conferred by Hon'ble Governor of Uttar Pradesh on June 09, 2014.

2.1 Book(s):

Dr. Naveen Kumar Arora

Plant Microbes Symbiosis: Applied Facets, Springer. ISBN 978-81-322-2067-1.

2.2 Book Chapter(s)

Dr. Naveen Kumar Arora

1. Mishra J. Tewari S, Singh S, **Arora NK** 2015 Biopesticides: Where We Stand? In*Plant Microbes Symbiosis: Applied Facets* (Eds Arora NK) Springer, pp 37-75.
2. Khare EK, Arora **NK** 2015 Effects of soil environment on field efficacy of microbial inoculants In*Plant Microbes Symbiosis: Applied Facets* (Eds Arora NK) Springer, Netherland pp 353-381.

Dr. Ram Naresh Bharagava

1. Gaurav Saxena and Ram Naresh Bharagava (2015) Persistent Organic Pollutants and Bacterial Communities Present during the Treatment of Tannery Wastewater. In: Environmental Waste Management (Ed. Ram Chandra), CRC Press (Taylor & Francis), USA. ISBN 9781498724746 (*IN PRESS*).

Dr. Jay Shankar Singh

1. **Jay Shankar Singh,** RK Gupta(2014). Extremophilic bacteria and microbial biodiversity. *Diversity of Lower Plants*, 108-134.
2. Shobhit Raj Vimal,Arora,N.K., Singh, **Jay Shankar Singh**, Singh, D.P., (2014). PGPR; a possible bio-agent for stress management and sustainable agricultural production" In: "Microbes and Agriculture" (H.B. Singh and B.K. Sharma, Eds.), BHU, Varanasi (Under Publication).
3. Shobhit Raj Vimal, **Jay Shankar Singh** (2015). "Emerging microbial bio-fertilizer technology for climate smart sustainable agriculture" In: "Bridging development divide for inclusive growth through science, technology and innovation" organized by DST Centre for Policy Research, BBAU, Lucknow, Jan 16-17, 2015. (Under Publication).

2.3 Abstracts Published:

Dr. Jay Shankar Singh

1. **Jay Shankar Singh** (2015)."Bio-fertilizer: A Multifaceted Bio-tool for Harnessing CH_4".Recent Trends in Applied Microbiology, Human Health & Environment, Department of Microbiology, Bundelkhand University, Jhansi, March 27-28, 2015.
2. Siddharth Boudh, Shashank Tiwari, **Jay Shankar Singh** (2015). "Methanotrophs: A sustainable tool for lindane remediation". Recent Trends in Applied Microbiology, Human Health & Environment, Department of Microbiology, Bundelkhand University, Jhansi, March 27-28, 2015.
3. Shobhit Raj Vimal, Kumar A., **Jay Shankar Singh** (2015)."PGPR can be used as safe viable and green agriculture" National Seminar on "Recent trends in applied microbiology human health and environment". Department of Microbiology, Bundelkhand University, Jhansi, March 27-28, 2015.
4. Arun Kumar, **Jay Shankar Singh** (2015).Cyanobacteria (BGA):"A clean-green tool for safe agriculture and environmental sustainability". National Seminar on "Recent trends in applied microbiology human health and environment". Department of Microbiology, Bundelkhand University, Jhansi, March 27-28, 2015.

5. Shobhit Raj Vimal, Kumar, A., **Jay Shankar Singh** (2015)."Cyanobacteria : A green capsule for biofertilizer purposes" National work shop on "Innovation and technology transfer to industries role of universities"organised by Centre for Industry Institute Partnership Program (CIIPP), BBAU, Lucknow, March 12-13, 2015.

6. Shashank Tiwari,Siddharth Boudh, **Jay Shankar Singh (2015).** "CH_4 (A Potent Green House Gas) Problems & Mitigation". University Industry Partnership: A March Towards Sustainable Growth (AMTSG-2015), CIIPP, BBAU, March 12-13, 2015.

7. **Jay Shankar Singh** (2015). "Microbes: The Competent Ecological Engineers in Restoration of Deteriorated and Soil Fertility and Environmental Quality". International workshop on "Bridging development divide for inclusive growth through science technology and innovation", BBAU, Lucknow, January 16-17, 2015.

8. Shobhit Raj Vimal, Singh, **Jay Shankar Singh** (2015). "Emerging microbial bio-fertilizer technology for climate smart sustainable agriculture.International workshop on "Bridging development divide for inclusive growth through science technology and innovation", BBAU, Lucknow, January 16-17, 2015.

9. Shobhit Raj Vimal, **Jay Shankar Singh** (2014). Ecosafe PGPR for second green revolution**.** National workshop on "Recent advances in PGPR research", organized by Department of Mycology and Plant Pathology, Institute of Agricultural Sciences, BHU, Varanasi, October 7-8, 2014.

10. Shobhit Raj Vimal, **Jay Shankar Singh** (2014) Role of industries in commercialization of PGPR as bio-fertilizer. National work shop on "Innovation and technology transfer to industries role of universities"organised by Centre for Industry Institute Partnership Program, BBAU, Lucknow, March 10-11, 2014: pp 57.

11. Shobhit Raj Vimal, Kumar, A., Tewari, S., **Jay Shankar Singh** (2014)PGPR can be used as possible bio-agent to enhance agricultural production under various environmental stresses. International conference on "Environmental technology and sustainable development; challenges and remedies" organised by Department of Environmental Science, BBAU, February 21-23, 2014: pp 39-40.

12. **Jay Shankar Singh** (2014). Microbial bioremediation: an emerging safe and viable technology to clean the polluted environment. International conference on "Environmental technology and sustainable development: challenges and remedies" organised by Department of Environmental Science, BBAU, February 21-23, 2014: pp. 99.

3. Details of the Project Executed:

3.1 Research Projects Completed

Dr. Naveen Kumar Arora

1. Screening and Identification of hot spots of sewage pollution containing multiple drug resistant *E. coli* in River Ganga at different locations of Kanpur.

   Funding Agency: UGC New Delhi

   Total Cost: Rs 9.88 lakhs

Dr. Rajesh Kumar

1. Isolation, characterization and evaluation of indigenous strains of plant growth promoting rhizobacteria for important crops of Uttarakhand (**Co-PI**), Uttarakhand Council for Science and Technology (2011-2014). Project in collaboration with Industry (M/s Shri Ram Solvents, Jaipur, Kashipur, Uttarakhand)

Dr. Jay Shankar Singh

1. Rs. 1.00 lac has been sectioned by the Hon'ble VC Sir as seed money for supporting the research work for Assistant Professor.

2. Result from DST for the applied project for which the presentation was made before the PAC at CCMB, Hyderabad.

Dr. Ram Naresh Bharagava

1. Detection of persistent organic pollutants and bacterial communities in distillery wastewater contaminated aquatic resources after secondary treatment stage.

   Funding Agency: UGC New Delhi

   Total Cost**:** 6.0 lakhs

3.2. Ongoing Research Projects

Dr. Naveen Kumar Arora

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

   Funding Agency – DST New Delhi

   Total Cost – Rs 28.52 lakhs

   Coordinator – Dr Naveen Kumar Arora

2. Screening of sewage pollution in Ganga water and assessment of its impact on ground water along the path of river flow in Kanpur

   Funding Agency – CST Lucknow

   Total cost – Rs 10.0 lakhs

Dr. Vinay Singh Baghel

1. Microbial Biodiversity and Pollution Monitoring through indicator bacteria of Ganga River in Uttar Pradesh.

   Funding Agency: Council of Science & Technology, UP

   Total Cost: Rs 9 lakhs

Dr. Ram Naresh Bharagava

1. Characterization of the recalcitrant organic pollutants (ROPs) and bacterial communities in tannery wastewater (TWW) after secondary treatment process and it's toxicological effects in environment

   Funding Agency: DST New Delhi,

   Total Cost: Rs 50 lakhs

4. Research Publications

Dr. Naveen Kumar Arora

1. Tewari S, **Arora N.K.** 2014. Ameliorating the growth of sunflower using stress-tolerant *Pseudomonas aeruginosa* PF23. ***Climate Change Environ. Sustain.*** 2(2): 116-121.

2. Tewari S, **Arora N. K.** 2014. Talc based EPS formulation enhancing growth and production of *Hellianthus annuus* under saline conditions. ***Cell. Mol. Biol.***60 (5): 67-75

3. **Arora N. K.**, Tewari S, Singh R 2014 Comparative study of different carriers inoculated with nodule forming and free living plant growth promoting bacteria suitable for sustainable agriculture. ***J. Pharma. Chem Biol Sci*** 2(2):143-149

4. Tewari S and **Arora N. K.** 2014 Multifunctional exopolysacccharides from *Pseudomonas aeruginosa* PF23 involved in plant growth stimulation, biocontrol and stress amelioration in sunflower under stress conditions. ***Current Microbiology*** 69(4), 484-494.

5. Singh S, Gupta G, Khare E, Behal K K and **Arora N. K**. 2014. Effect of enrichment material on the shelf life and field efficiency of bioformulation of *Rhizobium* sp. And P-solubilizing *Pseudomonas fluorescens*. ***Science Research Reporter*** 4(1), 44-50.

Dr. Rajesh Kumar

1. Sadhana Singh Sagar, Rajesh Kumar and Shilpa Deshpande Kaistha (2015). Inhibition of different stages of biofilm of *Pseudomonas aeruginosa* PA01 by isolated bacteriophage P2. Asian Journal of Pharmaceutical and Clinical Research 8(2): 296-299.

2. Kumar R (2015). Microbial population dynamics under fertigation by distillery effluent in sugarcane-ratoon cropping system.*Environ Dev Sustain., Springer* ISSN 1387-585X

3. Shrivastava P and Kumar R (2015). Soil salinity: A serious environmental issue and plant growth promoting bacteria as one of the tools for its alleviation. Saudi Journal of Biological Sciences, Pages 123–131**.**

4. Rajesh Kumar, Amar Jyoti Das and Asha A Juwarkar (2015). Reclamation of petrol oil contaminated soil by rhamnolipids producing PGPR strains for growing *Withania somnifera* a medicinal shrub. World J Microbiol. Biotechnol. Online doi:10.1007/s11274-014-1782-1, 31:307-313..

5. Chhaya Verma and **Rajesh Kumar** (2014). Utilization of distillery wastewater in fertigation: a beneficial use. International Journal of Research in Chemistry and Environment Vol. 4 Issue 4: 1-9

6. **Rajesh Kumar** and Shatrohan Lal (2014). Synthesis of Organic Nanoparticles and their Applications in Drug delivery and Food Nanotechnology: A Review.

J.Nanomaterials and Molecular Nanotechnology, Sci Technol. 3:4

Dr. Vinay Singh Baghel

1. Participated and presented paper entitled **"Microbiological Assessment of Ganga Water at Kanpur, Varanasi and Allahabad, U.P., India"** in **'Fifth International Conference on Plant and Environmental Pollution"** organized by **International society of Environmental Botanists & CSIR- National Botanical Research Institute Lucknow, India.**

Dr. Jay Shankar Singh

1. **Jay Shankar Singh** (2015). Microbes: The chief ecological engineers in reinstating equilibrium in degraded ecosystems. *Agriculture, Ecosystems & Environment*, 203, 80-82.
2. **Jay Shankar Singh** (2014). Cyanobacteria: a vital bio-agent in eco-restoration of degraded lands and sustainable agriculture. *Climate Change & Environmental Sustainability* 2 (2), 133-137.
3. VC Pandey, **Jay Shankar Singh**, DP Singh, RP Singh (2014). Methanotrophs: promising bacteria for environmental remediation. *International Journal of Environmental Science & Tech*nology 11 (1), 241-250

Dr. Ram Naresh Bharagava

1. **Ram Naresh Bharagava, Sangeeta Yadav and Ram Chandra (2014)** Antibiotic and heavy metal resistance properties of bacteria isolated from the aeration lagoons of common effluent treatment plant (CETP) of tannery industries (Unnao, India). **Indian Journal of Biotechnology.13: 514-519.**
2. Participated and presented a paper entitled**:** Degradation and decolourization of distillery wastewater melanoidins by manganese peroxidase (MnP) producing bacteria in **Fifth International Conferenceon Plants and Environmental Pollution (ICPEP-5)** held at **CSIR-National Botanical Research Institute (CSIR-NBRI),** Lucknow, India from **Feb 24-27, 2015.**
3. **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 (In Press)**.
4. **Gaurav Saxena, Rohan Kanaujia and Ram Naresh Bharagava (2014)**Microbial Indicators: Role in monitoring of drinking water quality and health prospects. **Microbiology World. 8: 5-8 (ISSN 2350 – 8774)**

5. National/International Conferences / Participation/Paper Presentation:

Dr. Jay Shankar Singh

1. "Emerging Microbial Bio-fertilizer Technology for Climate Smart Agriculture". (BRIDGE-2015), BBAU, January 16-17, 2015.
2. International symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions", BBAU, October 30-31, 2014.

Dr. Ram Naresh Bharagava

1. **International Workshop** on **"Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation"** held atBabasaheb Bhimrao Ambedkar University (A Central University), Lucknow from **Jan 16-17, 2015.**

6.1 Invited Speakers

Dr. Naveen Kumar Arora

1. **'Pseudomonas aeruginosa PF23 a commercially important PGPR for remediating stressed soils'** at **101st Indian Science Congress**, University of Jammu, J&K, 3-7 February, 2014.
2. **'Talc based exopolysaccharides bioformulation from fluorescent Pseudomonads enhancing growth and crop yield in saline conditions'** in **International Conference on Environmental Technology and sustainable Development: Challenges and Remedies** at BBA University, Lucknow, 21-23 February, 2014.
3. **'Fluorescent Pseudomonads as Plant Growth Promoting Rhizobacteria under Saline Conditions'** at **National Workshop on advances in PGPR research at Banaras Hindu University**, Varanasi, 7-8 October, 2014.

4. **'Bioformulations: A New Paradigm for Sustainability' in National Seminar on University Industry Partnership: A March Towards Sustainable Growth'** organized by CIIPP, BBA University, Lucknow, 12-13 March, 2015.

Dr. Jay Shankar Singh

1. **"Bio-fertilizer: A Multifaceted Bio-tool for Harnessing CH_4".** Recent Trends in Applied Microbiology, Human Health & Environment, Department of Microbiology, Bundelkhand University, Jhansi, March 27-28, 2015.
2. **"CH_4 (A Potent Green House Gas) Problems & Mitigation"**. University Industry Partnership: A March Towards Sustainable Growth (AMTSG-2015), CIIPP, BBAU, March 12-13, 2015.
3. **"Methane: Its Source, Sinks & Sustainable Mitigation".** Green communication & sustainable development: Prospects and Challenges, DMCJ, BBAU, January 28-29, 2015.
4. **"Green House Gases: Current Problems & Future Perspectives".** Communication Strategies for Science Governance, Indian National Science Academy (INSA), New Delhi (ISCC-2014), December 25-29, 2014.
5. "**Eco-safe PGPR for second green revolution".** Advances in PGPR Research, BHU, Varanasi, October 7-8, 2014.

6.2 Session Chaired in National/ International Conferences

Dr. Naveen Kumar Arora

1. Co-chairperson of a session at National Workshop on advances in PGPR research at Banaras Hindu University, Varanasi, 7-8 October, 2014.
2. Member of Panel of Judges at International Conference on Environmental Technology and sustainable Development: Challenges and Remedies organized by BBA University, Lucknow, 21-23 February, 2014.
3. Chaired a Session in national seminar on 'University Industry Partnership: A March Towards Sustainable Growth, organized by CIIPP, BBA University, Lucknow, 12-13 March, 2015.

6.3 Conference organized

Dr. Naveen Kumar Arora

1. Organizing Secretary of national seminar 'University Industry Partnership: A March Towards Sustainable Growth', organized by CIIPP, BBA University, Lucknow, 12-13 March, 2015.

7. Research Guidance

Dr. Naveen Kumar Arora

Ph.D.: 05 (Pursuing)

Project Fellow: 01

Dr. Jay Shankar Singh

Ph.D.: 04 (Pursuing)

M.Sc. Dissertation: 2014 (05 completed), 2015 (07 completed)

Dr. Ram Naresh Bharagava

Ph.D.: 04 (Pursuing)

Project Fellow: 01

8. Membership of Professional/ Academic Bodies

Dr. Naveen Kumar Arora

1. Life Member of Association of Microbiologists (AMI) of India.
2. Life Member of Indian Science Congress Association, Kolkata, India.
3. Life Member of Asian PGPR Society
4. Chairman, Departmental Research Committee, DEM, BBA University
5. Chairman, Board of Post Graduate Studies, DEM, BBA University
6. Member, Board of Editors, Climate Change and Environmental Sustainability
7. Executive Member, Asian PGPR Society

Dr. Rajesh Kumar

1. Life Member, Association of Microbiologists of India
2. Life Member, Indian Science Congress

Dr. Vinay Singh Baghel

1. Life Member of the Association of Microbiologists of India (AMI), India.

2. Life Member of the Academy of Environmental Biology (AEB), Lucknow, India.
3. Life Member of the International Society of Environmental Botanists (ISEB), Lucknow, India

Dr. Jay Shankar Singh

1. Board of Post Graduate Studies, DEM, BBAU (Member).
2. School Board of Post Graduate Studies, SES, BBAU (Member).
3. DRC, Dept. of Environmental Microbiology, BBAU (Member).
4. Climate Change and Environmental Sustainability (Associate Editor).

Dr. Ram Naresh Bharagava

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

9. Google Scholar Profile:

Dr. Naveen Kumar Arora



Naveen Kumar Arora

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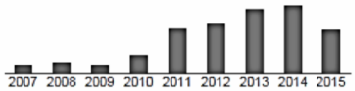
Associate Professor, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar
Agriculture Microbiology, Environmental Microbiology
Verified email at bbau.ac.in - Homepage
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Title	Add	More	1–20	Cited by	Year
Isolation of siderophore producing strains of Rhizobium meliloti and their biocontrol potential against Macrophomina phaseolina that causes charcoal rot of groundnut NK Arora, SC Kang, DK Maheshwari				110	2001

Google Scholar

Citation indices	All	Since 2010
Citations	361	307
h-index	11	10
i10 index	13	10



Add co-authors

Dr. Vinay Singh Baghel

5/21/2015 Dr. Vinay Singh Baghel - Google Scholar Citations



Dr. Vinay Singh Baghel

Assistant Professor, Department of Environmental Microbiology, Babasaheb Bhimrao Ambedkar University
Environmental microbiology, bioremediation, toxicology

Google Scholar

Citation indices	All	Since 2010
Citations	135	85
h-index	6	5
i10-index	5	4

Title 1–10	Cited by	Year

Dr. Jay Shankar Singh



Jay Shankar Singh

Department of Environmental Microbiolgy,BB Ambedkar (Central) University, Lucknow, INDIA
Sustainable Agriculture and Environmental Development

Google Scholar

Citation indices	All	Since 2010
Citations	567	541
h-index	13	13
i10-index	16	16

Dr. Ram Naresh Bharagava

5/21/2015 Dr. Ram Naresh Bharagava - Google Scholar Citations

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Title 1–25	Cited by	Year

Citation indices	All	Since 2010
Citations	342	312
h-index	9	9
i10-index	8	8

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 60 M.Sc. and 16 Ph. D Scholars.

I. 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/ MSc. and Ph.D programme. The Faculty of the Department comprises of one Professor and three Assistant Professors from diverse fields of specialization. The student strength of the Department comprises of 16 Ph.D. students and 61 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 skills on different traditional and contemporary aspects of the field of Home Science.

Four research scholars have qualified U.G.C. NET Examination and three research scholar has qualified UGC NET with JRF Fellowship.

Department of Food Science and Technology: The Department of Food Science & Technology was started in the session 2013-14 and offers M.Sc. in Food Science & Technology with strength of 20 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.

Community College: The department of Human development and family studies is running a skill based Community College that offer courses that are mix of knowledge and skill development. The skill component of the curriculum will draw from the credit framework prepared under the National Occupation Standard (NOS) for the concerned sectors. The courses offered by Community College are skill based short duration courses & are more useful for the learners looking for employment. It provides vertical mobility certificates diplomas & degrees with multiple exists point with a particular standard of training prescribed by NVEQF (National Vocational Education Qualification Framework). Skill based programs. The courses under community colleges are career-oriented providing better job opportunities. The courses running are as follows-

- *Certificate Course in Dietetics*
- Diploma Courses in Dietetics and Nutrition

C. Department Level Academic Activities:-

The Department emphasises extensive academic activities since its inception and in the

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

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

The students are encouraged to regularly participate in competitions held at School and University level i.e. essay writing competitions, elocution, poster making competition recipe making competition.

Extra-curricular and Co-Curricular activities are conducted regularly and students skills are harnessed and encouraged.

MMV, Banaras Hindu University till 2004 to 2008

Worked as Senior Lecturer, V.K.M., Banaras Hindu University till 1998-2004

Worked as Lecturer, Women's College Berhampur, Shailabala Women's College, Cuttack, under Utkal University etc. till 1991 to 1998

Telephone No.: 9415228811

E-mail: sunitabbau@gmail.com

Specialization: Food and Nutrition (Child Nutrition)

D. Faculty Details:-

S.No.	Name	Designation	Qualification	Area of Specialization
1.	Prof. Sunita Mishra	Professor	Ph.D.	Foods & Nutrition
2.	Dr. Neetu Singh	Assistant Professor	Ph.D.	Foods & Nutrition
3.	Dr. Shalini Agarwal	Assistant Professor	Ph.D.	Family Resource Management
4.	Dr. U.V. Kiran	Assistant Professor	Ph.D.	Family Resource Management

Guest Faculty:

S.No.	Name	Designation	Qualification	Area of Specialization
1.	Hemalata Pandey	Assistant Professor	Ph.D.	Foods & Nutrition
2.	Dr. Shalini Kushwaha	Assistant Professor	Ph.D.	Foods & Nutrition
3.	Dr. Madhavi Daniel	Assistant Professor	Ph.D.	Foods & Nutrition
4.	Dr. Shakti	Assistant Professor	Ph.D.	Foods & Nutrition

D. Faculty Details:-

Name of the faculty Prof. Sunita Mishra

Designation Professor, Dean and Head of the Department

Qualification Ph.D. Foods and Nutrition

Teaching Experience Working as Professor, Dean and Head, Deptt. of Human Development & Family Studies, Babasaheb Bhimrao Ambedkar University since 2008

Worked as Reader, Deptt. of Home Science,

E. Academic Details-

1. Award & Recognition

- Awarded and felicitated from President of India for best Academic Achievement at 50th Alumni Meet at RD Women's College Orissa , September 2014
- Awarded Best Compliment Award for an Inter University and Collegiate Cultural Fest, at BBAU Lucknow, January 2015
- Awarded by UPCAR, 2nd Agricultural Science Congress, June, 2014, organized by UPCAR, SHIATS, CSAUAT, UPRKUMP, UPAAS

2. **Books Authored :** Practical Manual on Dietetics & Nutrition Practical Manual on Human Physiology (Dietetics)

3. **Details of the 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)' 2011-14. (Completed)

4. Research Publications-

Papers published in Journals (National and International):

Year **Research Papers Published In International Journals**

2014 Pandey Suverna &**Mishra Sunita**. Effect of Health and Maternal Education on Social Skills of Preschoolers*International Journal of Advanced Scientific and Technical Research.* 3(4): 572-577 [ISSN - 2249-9954] Impact Factor – **2.9**

2014 Verma Ruchi &**Mishra Sunita**. Effect of Animation on Behaviour of students from Government and Private Schools between the Age Group of 7-11 Year. *International Journal of Advanced Scientific and Technical Research.* 3(4): 617-623 [ISSN - 2249-9954] Impact Factor – **2.9**

2014 Singh Annu &**Mishra Sunita**. Adolescent Involvement in Extracurricular Activities and Positive Development: A Comparative Study between Government and Private Schools' Students. *European Academic Research.* 2(3): 3255-3268 [ISSN - 2286-4822] Impact Factor - **3.1**

2014 **Mishra Sunita**. Use of Nanotechnology & Nano Sciences in Food Packaging. *International Journal of Advance Scientific & Technical Research.* 395-406. [ISSN-2249-9954] Impact Factor - **2.9**

2014 Rai Avantika & **Mishra Sunita**. Anxiety Level of Adolescents Girls during examination in Different attributes. *Advance Research in Social Science.* 5(1). 23-26 [ISSN- 2231-6418].

2014 Pandey Suverna &**Mishra Sunita**. Effect of Maternal Education on Child Stimulations. *International Journal of Science and Research (IJSR).* 3(6): 1333-1335[ISSN - 2319-7064] Impact Factor - **3.358**

2014 Anita & **Mishra Sunita**. Different types of Creative activities organized in school Government School & Private School. *International Journal of Science and Research (IJSR).* 3(6): 2324-2326 [ISSN - 2319-7064] Impact Factor - **3.358**

2014 Km. Reena &**Mishra Sunita**. Importance of Nutrients taken by the age Group (3-6 years). *International Journal of Science and Research (IJSR).* 3(6): 1821-1822 [ISSN - 2319-7064] Impact Factor - **3.358**

2014 Priyanka &**Mishra Sunita**. Difference in Life Satisfaction of Elderly people in Urban & Semi – Urban Families of Lucknow. *IOSR Journal of Humanities and Social Sciences.* 28-32. [ISSN – 2279- 0845] Impact Factor – **1.5**

2014 Rai Avantika &**Mishra Sunita**. To Study Level of Examination Anxiety due to Educational Performance. *International Journal of Advance Scientific & Technical Research*. 88- 90. [ISSN- 2249-9954] Impact Factor - **2.9**

2014 Saxena Sweta &**Mishra Sunita.** Malnutrition among School Children of Lucknow. *International Journal of Science and Research (IJSR).* 3(6): 1726-1729 [ISSN - 2319-7064] Impact Factor - **3.358**

2014 Mishra Sunita & Verma Pooja. Antioxidants & Disease Prevention. *International Journal of Advance Scientific & Technical Research.*903-913. [ISSN- 2249-9954] Impact Factor - **2.9**

2014 Sharma Megha & **Mishra Sunita**. Effects of Maternal Health and Nutrition on Birth Weight of Infant.*International Journal of Science and Research (IJSR).* 3(6): 855- 858[ISSN - 2319-7064] Impact Factor - **3.358**

2014 Singh Annu &**Mishra Sunita**. The Relationship between Adolescents' Participation in Extracurricular Activities and Their Academic Outcomes. *International Journal of Science and Research (IJSR).* 3(6): 1340-1341[ISSN - 2319-7064] Impact Factor - **3.358**

2014 Singh Monika &**Mishra Sunita**. Fast Food Consumption Pattern and Obesity among School Going (9-13 Year) in Lucknow District. *International Journal of Science and Research (IJSR).* 3(6): 1672-

1674[ISSN - 2319-7064] Impact Factor - **3.358**

2014 Singh Shruti & **Mishra Sunita**. Optimism – Pessimism among Adolescents – A Gender Based Study.*International Journal of Science and Research (IJSR).* 3(6): 1530-1532 [ISSN - 2319-7064] Impact Factor - **3.358**

2014 Verma Pooja &**Mishra Sunita**. To Study the Different Food Product Contamination and Food Handling Practices in 85 House Hold in Lucknow City. *International Journal of Science and Research (IJSR).* 3(7): 6-8 [ISSN - 2319-7064] Impact Factor - **3.358**

2014 Verma Ruchi & **Mishra Sunita**. Effect of Animation on Concept Formation of Students from Government and Private Schools between the Age Group of 7-11 Year. *International Journal of Science and Research (IJSR).* 3(6): 1178-1181[ISSN - 2319-7064] Impact Factor - **3.358**

2014 Verma Pooja & **Mishra Sunita.**Flaxseed: Functional Food Components & Therapeutic Role, *Journal of Medical Science and Clinical Research (JMSCR)* (pp 2274-2282)

5. Participation in Orientation/ Referesher Course/ Workshop/Seminar/ Conferences if any: NA

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

7. Research Guidance: Ph.D Awarded- 08

Research Under Guidance-07

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

- Life member of Member of European Association of Agricultural Economics (EAAE), The Hague Netherland.
- Life member of Global Communication Research Association, Sydney Australia
- Member of CEPRE a project under IMS, BHU

National

Life Member of-

- Home Science Association of India
- Nutrition Society of India
- Indian Dietetics Association
- Indian Journal of Preventive and Social Medicine
- Indian Journal of Community Psychology

S.No.	Date	Institute	Topic
1.	25/12/2014	Lucknow University	How to enhance your personality
2.	09/05/2015	B.H.U	Capacity Building of Teachers in Higher Education: Research Activities
3.	27/01/2015	Khwaja Moinuddin Chisti Urdu Arbi Farsi University Lucknow.	Healing action of Antioxidant rich food on health
4.	08/02/2015	Netaji Subhash Chandra Bose Degree College, Aliganj, Lucknow	Women Empowerment of women through different programmes and policies

9. Google Scholar Profile (if unavailable)- Attached



Prof. Sunita Mishra

Professor Baba Saheb Bhimrao Ambedkar University
Food and Nutrition

Google Scholar

Citation indices	All	Since 2010
Citations	112	99
h-index	5	5
i10-index	3	2

Title 1–20	Cited by	Year
A study on perception, habits and knowledge systems about traditional food relating to health and nutrition among Adi women living in diverse socio-economic systems of Kalahandi district, Orissa. S Mishra, S Padhan Asian Journal of Food Science:An International Refereed Research Journal 2 ...	30 *	2011
Nutritional anthropometry and preschool child feeding practices in working mothers of central Orissa S Mishra Stud Home Comm Sci 1 (2), 139-144	19	2007
Household Livelihood and Coping Mechanism During Drought among Oraon Tribe of Sundargarh District of Orissa, India S Mishra Journal of Social Science 15 (2), 181-186	12	2007
Detection of jaggery syrup in honey using near-infrared spectroscopy S Mishra, U Kamboj, H Kaur, P Kapur International journal of food sciences and nutrition 61 (3), 306-315	7	2010
Dynamics of traditional foods and livelihood of Adi women in varying socio-ecological systems of Arunachal Pradesh: a source of learning and inspiration S Mishra, RK Singh, A Singh The new cultures of food: marketing opportunities from ethnic, religious and ...	7	2009
Prelacteal feeding practices of children: A case study on mothers of Cuttack (Orissa) S Mishra, BK Mishra, J Tandon, S Mishra, J Tandon Indian J Prev Soc Med 28 (3&4), 74-78	5	1997
Association of Non-Alcoholic fatty liver disorder with obesity R Agrawal, S Mishra, VK Dixit, S Rai Indian J. Prev. Soc. Med 40 (3 & 4)	4	2009
New IPR Regime and Challenges of the Small Pharma Industry R Kiran, S Mishra Interdisciplinary journal of Contemporary Research in Business 1 (10), 42	3	2010
Dynamics of Adi women's Traditional foods and livelihoods in varying socio-ecological systems of Arunachal Pradesh: a source of learning and inspiration S Mishra The Near and Far East Asian Perspective	3	2007
Fast Food Consumption Pattern and Obesity among School Going (9-13 Year) in Lucknow District SM Monika Singh1	2 *	2014

Dr. Neetu Singh

Academic Details/ activities of the faculty

1. **Award/Recognition-** Nil
2. **Book (s)(/ Book Chapter(s) Authored/ Edited Book/ Monograph(s)-** Nil
3. **Details of the Project sanctioned/ Executed (during 01.04.2014 to 31.03.2015-** Nil
4. Research Publication(s)

A. Department level Academic Activities:

- To start food parlour with new products every Friday of working days to enhance entrepreneurial activity among students.

B. Academic details/activities of the faculty of your department under the following heads:

1. Awards & Recognition: NO
2. Chapters in Book

- Dayal Bhawana, **Singh Neetu** "Health indicators for females: today's issues tommorow's challenge," at book of national seminar on women empowerment towards gender equality at khwaja moinuddin chisti urdu arbi-farsi university. 11-07-2014 (accepted) for chapter in book.

3. **Details of project sanctioned / executed**: Submitted to UGC
4. Research Publications:
1. National Level paper published:

- Anamika and **Neetu Singh**. (2014) **The relationship between eating behaviors, body image among adolescent of Lucknow district**. E-library science research journal. Vol. 2(9). ISSN: 2319-8435.

2. National level conferences(attended):

- Participated in a national conference on "information security challenges NCISC 2014", organized by department of information technology, Babasaheb Bhimrao Ambedkar university (A central university) Lucknow. 28th March 2014
- Participated in a national workshop on "world health day" organized by community college, Babasaheb Bhimrao Ambedkar university (A central university) Lucknow. 7th april 2014

3. National level conferences(paper presentation)

- Participated in National Social Science Conference on "**development challenges in developing nations during post globalization period : social science perspective**", in academic collaboration with Association of the socio economic development studies. 16th-17th Dec 2014
- Participated in a workshop on "**use of post-harvest management techniques in horticulture crops**" organized by department of applied plant sciences (horticulture), Babasaheb Bhimrao Ambedkar University (A central university) Lucknow. 31st – 1st April 2014.

4. International Level paper published:

- Dayal Bhawana 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.
- Dayal Bhawana 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.
- Verma R.K, Vaish A.K,Mishra Suneeta, **Singh Neetu** and Singh Meera **(2014)"Geriatric hypertension and its dietary recommendation**. International journal of medical sciences. Vol 2(8)ISSN:2320-7353.
- Anita gautam and **Singh Neetu (**2014**)exisiting knowledge on consumer education at household level in lukcnow district**. International journal of science and reesrach. Vol 3(12)ISSN:2319-7064
- Dayal Bhawana and **Singh Neetu**. (2014). **Crimes against womens and societal ills: an overview.** International journal of advanced scientific and technical research. Vol.4 (3). ISSN: 2249-9954.
- RanaRashmi and **Singh Neetu**. (2014). **social networking sites and changing mindset of youths: challenging ahead on social issues**. International journal fo advanced scientific and technical research. Vol.3 (4). ISSN: 2249-9954.

- Kumara Ratan and **Neetu Singh**. (2014) **Premenstrual syndrome and stress management**. International journal of science and research. Vol. 3(7). ISSN:2319-7064.
- RanaRashmi and **Neetu Singh**. (2014) **The use of social networking in academics:benefit and opportunity.** International journal of science and research. Vol. 3(6). ISSN:2319-7064.
- Anamika and **Neetu Singh**. (2014) **Dietray habit and risk factors of eating disorders among adolescent residing at Lucknow distr**ict. International journal of science and research. Vol. 3(6). ISSN:2319-7064.
- Kumari Poonam and **Neetu Singh**. (2014**) Assessment of cognitive capabilities at school level**. International journal of science and research. Vol. 3(6). ISSN: 2319-7064.
- Kumari Poonam and, **Singh Neetu**. (2014**) Teaching Methods Used In Government and Private Schools:** A Descriptive Study International Journal of Health Sciences & Research (www.ijhsr.org) 262 Vol.4; Issue: 9; September 2014 .ISSN: 2249-9571

5. International conferences/workshop:

- 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-17th Jan 2015

5. Refresher course and Training Programme

- Participated in a UGC sponsored Refresher Course on Food Safety and Public Health at Centre of Food Technology, University of Allahabad, from 29th March – 18th April 2015..
- Participated in a short term course on research methodology from July 14 to July 19th 2014 and presented paper entitled health indicators: today's issues and tomorrows' agenda organized by university grants commission academic staff college, at university of Lucknow.
- Participated in a Hands-on-training "SEM, FTIR, FPLC and Ion chromatography", 18th-20thfeb 2015 organized by university science instrumentation centre, Babasaheb Bhimrao Ambedkar university Lucknow.

a) Participated in a national workshop on " Data analysis and project designing" 9th-13th feb 2015, organized by school for home sciences, Babasaheb Bhimrao Ambedkar university Lucknow.

6. Invited speaker /session chaired in national / international conference : NO

7. Research guidance:

- **M.Sc. Dissertation(Food science and technology) : 04 (under guidance)**
- **Ph. D. students : 3 (Under guidance)**

8. Membership/fellowship of professional/ academic bodies:

a) Member of editorial board in Asian Journal of Home Science.

b) Member of Board of post-graduate studies in School for Home Sciences.

c) Life Member of the Indian Public Health Association,

d) Life Member of Indian Association of Micro nutritionist, Human Nutrition Unit, AIIMS, New Delhi.

e) Life Member of Kabir Peace Mission, Lucknow.

f) Life member of Home Science Association of India

g) Life member of Nutrition Society of India,.

h) Life member of International Epidemiological Association,

9. Google Scholar Profile: Attached



Dr. Shalini Agarwal

Academic Details/ activities of the faculty

5. **Award/Recognition-** Nil
6. **Book (s)(/ Book Chapter(s) Authored/ Edited Book/ Monograph(s)-** Nil
7. **Details of the Project sanctioned/ Executed (during 01.04.2014 to 31.03.2015-** Nil
8. Research Publication(s)

Research paper Publishedin National/ International Journals

1. Rai A and **Agarwal S** (2015) Effect of Weight of Backpack and Physiological Stress among School going Children. *International Journal of Research*. 2(1) ; 288-292.
2. Rai A and **Agarwal S** (2014). Assessing the Effect of Postural Discomfort on School Going Children Due to Heavy Backpacks. *Journal of Ergonomics*; S4(011); 1-3.
3. Rai A ,**Agarwal S** (2014) Effect of Postural Discomfort on School Going Children Carrying Heavy Backpacks. *International Journal of Science and Research.* 3(12). 2482-2484.
4. Yadav S and **Agarwal S** (2014).Loneliness among Elderly Having Psychological Disorders.*International Journal of Health Sciences and Research.* 4 (7). 192-196.
5. Arfi N. and **Agarwal S.** (2014). A study on Awareness Regarding Work Simplification among Working and Non-Working Home Maker: A Comparative Study. *European Academic Research*; 2(1). 271-275.
6. Gupta Sand **Agarwal S** (2014). Assessment of Curiosity Level of Disabled Children. *International Journal of Science and Research* (IJSR). 3 (6). 1722-1725.
7. Pandey S and **Agarwal S.** (2014). Dyscalculia: A Specific Learning Disability Among Children. *Scientific and Technical Information Processing*; 2(4):912-918.
8. Arfi N and**Agarwal S** (2014) A study on awareness regarding work simplification among home maker across income group. *International Journal of Multidisciplinary Educational Research.* 01/2014; 3(4(1)):271-275.
9. SinghA and **Agarwal S** (2014) Awareness among Urban Women about Tests Conducted During Pregnancy Period.

International J of Health Science and Research .4(7):186-191.

10. Rai A and **Agarwal S** (2014) Physical stress among school going children due to heavy backpacks. *International Journal of Emerging Trends in Engineering and Development*.; 4(3):500-507.
11. Gupta Sand **Agarwal S** (2014). Curiosity among Normal and Disabled Children. *European Academic Research.* 2(4). 5002-5013.
12. Srivastava N and **Agarwal S.** (2014) Loneliness among Young Adults: A Comparative Study. *European Academic Research; 2(3).*
13. Tiwari A and **Agarwal, S** (2014)Postural Discomfort among Workers Working in Unorganized Sector (Potters). *International Journal of Science and Research.*

Paper Presented in Seminars/ Conferences

1. Presented a paper on **Impact of Mental Illness on the behavior of Individual** in National Seminar Problems and Solutions of Modern India organised by Shri Guru Nanak Girls's Degree College, Lucknow.20th-21th April, 2015.
2. Presented a paper on **Value of Human Rights for Women** in National Conference on Development Challenges In Developing Nations During Post Globalization Period: Social Science Perspective organised by BBAU Lucknow, with ASEDS 16th -17th Dec., 2014
2. Presented a paper on **Impact of Media On Public Perception of Wildlife Protection** in National Seminar on Green Communication And Sustainable Development: Prospects And Challenges organised by Department of MCJ, BBAU, Lucknow, 28th-29th January, 2015

5. Details of Seminar/ Conference

1. Participated in National workshop on Food processing and preventive techniques: traditional and contemporary approach organised by School for Home Sciences, BBBAU, Lucknow, 15th-16th October, 2014 .
2. Participated in International Symposium on Biodiversity: Status, Utilization and Impact of challenging climatic conditions organised by BBAU, Lucknow in collaboration with Indian Academy of Environmental Science, Haridwar 30th-31th October 2014.
3. Participated in National Seminar on Gender Discrimination and inequalities in contemporary India: Status, Causes and Solution organised by Dept. of Sociology, BBAU, Lucknow, 11th-12th November, 2014.
3. Participated in International Workshop on Bridging Development Divide For Inclusive Growth Through Science, Technology And Innovation organised by DST- Center for Policy Research, BBAU, Lucknow, 16th-17th January, 2015

6. Invited speaker/ session chaired in national / International Conferences detail- Nil

7. Research Guidance

M.Sc = 05

Ph.D = 04

8. Membership /Fellowship of Professional Academic Bodies

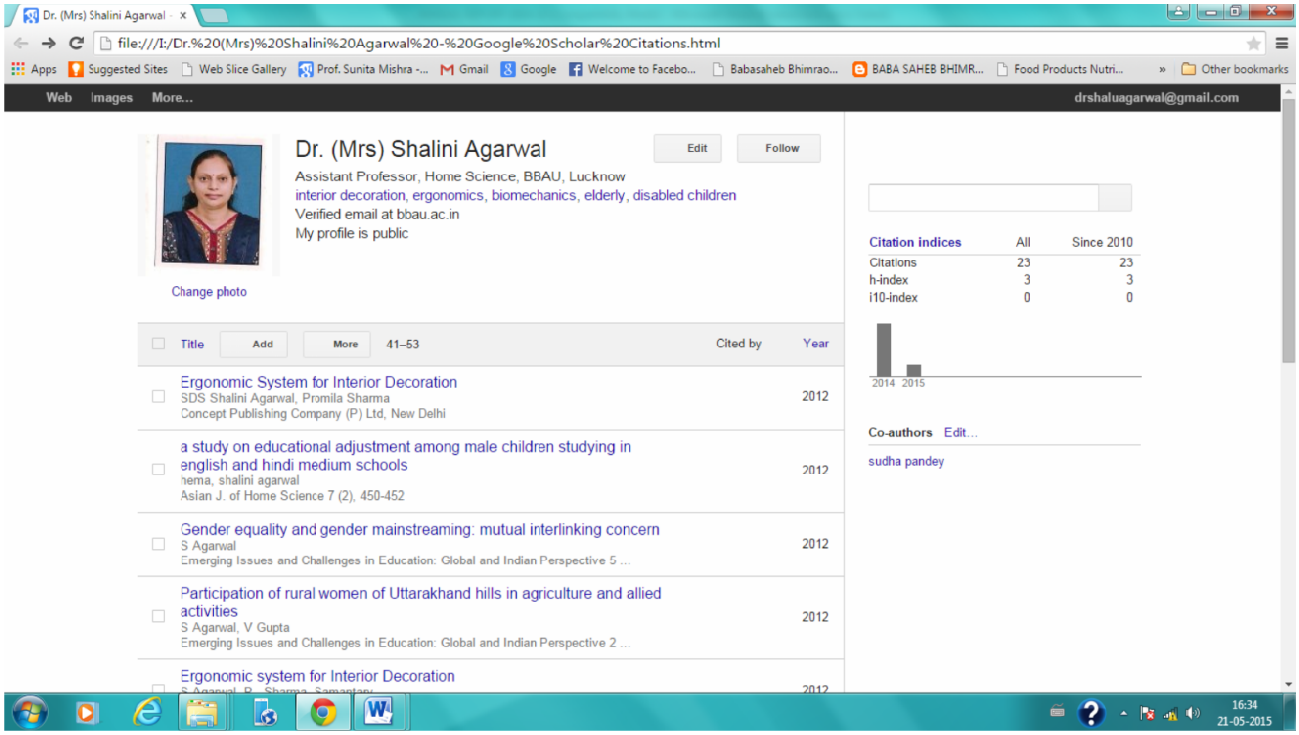
Memberships:

- Life member of *Home Science Association of India*
- Life member of *Indian Society of Ergonomics (ISE*)
- Life member of *Asian Journal of Home Science*
- Life Member of *Indian Ergonomic Association (IEA)*
- Life Member of *Indian Science Congress*

Fellowship of Professional/ Academic Bodies

- Member, School Board. School for Home Sciences, BBAU.

9. Google Scholar profile- YES Attached



Dr. U. V. Kiran

E. Academic Details-

1. Award & Recognition : Nil
2. Books Authored : Nil
3. Details of the project : Nil
4. Research Publications-

Papers published in Journals (National and International):

- Niharika and **Kiran, U. V.** 2014. **Occupational stress among bank employees.** European Academic Research, 2(4): 5404-5411.
- Mishra, G. and **Kiran, U. V.** 2014. **Rural Women Entrepreneurs: Concerns and Importance.** International Journal of Science and Research, 3(9):93-98.
- Mishra, G. and **Kiran, U. V.** 2014. **Impact of Marital Status on Mental Health of Working Women.** Journal of Medical Science and Clinical Research, 2(10): 2594-2605.
- Singh, A. and **Kiran, U. V.** 2014. **Effect of Single Parent Family on Child Delinquency.** International Journal of Science and Research, 3(9):866-868.
- Gautam, D. and **Kiran, U. V.** 2014. **Subjective Evaluation of Helmet Users Regarding Comfort Features of the Helmet.** International Journal of Science and Research, 3(6): 1446-1449.
- Devi, K. and **Kiran, U. V.** 2014. **Work life balance of workers in construction industry.** European Academic Research, 2(4): 4932-4946.
- Niharika and **Kiran, U. V.** 2014. **Life satisfaction among bank employees.** International Journal of Science and Research. 3(6): 1665-1667.
- Srivastava, S. and **Kiran, U. V.** 2014. **Occurrence of musculoskeletal problems with special reference to health hazards in taxi drivers.** International Journal of Advanced Scientific and Technical Research, 3(4): 578-584.
- Srivastava, S. and **Kiran, U. V.** 2014. **Work related musculoskeletal disorders on various body segments in taxi drivers.** International Journal of Science and Research. 3(6): 610-613.
- Singh, B. **and Kiran, U V 2015. Impact of educational status on social well being of elderly.** International Journal of Research, 2(1):350-356.

- Devi, K. and **Kiran, U V**. 2014. Determinants of adjustment pattern among construction labour, Managing unorganized sector in India-Prospects & Challenges, Newman Publications, Parbhani (ISBN: 978-93-83871-33-9).

Papers Presented:

- Presented a paper entitled "Occupational stress among children of unorganised sector"in a national seminar on Women empowerment towards gender equality, organised by Babasaheb Bhimrao Ambedkar University, Lucknow.
- Presented a paper entitled **"Role of ICT in achieving complete gender equality in India"** in a national seminar on **"Gender discrimination and Inequalities in Contemporary India: Status, Causes and Solutions"** organized by Babasaheb Bhimrao Ambedkar University, Lucknow on 11th-12th November, 2014.
- Presented a paper entitled "**Quality of life of elderly in post globalization period"** National Social Science Conference, organised by Babasaheb Bhimrao Ambedkar University, Lucknow

5. Pariticipation in Orientation/Refresher Course: Nil

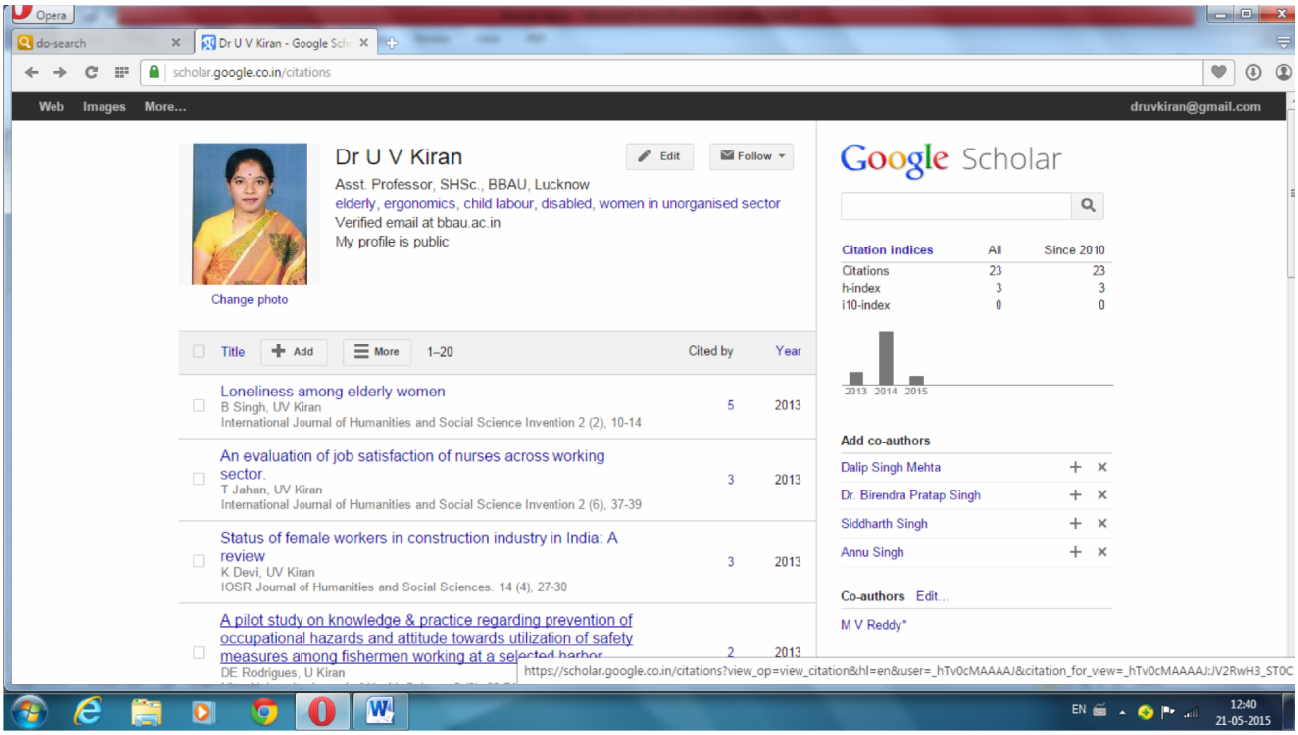
6. Invited Speakers: Nil

7. Research Guidance: Ph. D. : 4 (Under Guidance)

8. Membership / Fellowship of Professional/ Academic Bodies-

- Life Member – **Indian Gerontological Association**
- Life Member - **International Science Congress Association**
- Life Member - **Indian Ergonomics Association**
- Life Member - **Home Science Association of India**
- Life Member **– Indian Science Congress Association**
- Life Member **- Asean Regional Association for Home Economics**
- Life Member **– Asian Journal of Home Science**

9. Google Scholar Profile:



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

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.

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.

I. DEPARTMENT OF COMPUTER SCIENCE

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 in Computer Applications, MCA Corporate 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, 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 two have been send to various govt. 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. The department has internet facility for its students and research scholars through National Knowledge Network (NKN). The computer centre of university also works under department

C. Departmental Level Academic Activities

A number of invited talks have been organized in the department, and an international Conference has been organized in the department. Student's activities at various levels are regularly organized in the department.

D. Faculty Details

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

E. Academic details/activities of the Faculty of Department

E.1. Awards & Recognition

Dr. S.K Dwivedi

- **Advisory/TPC member of IEEE International Conference on Signal Propagation and Computer Technology (ICSPCT), July 2014, Ajmer India (**www.icspct2014.in/advisorycommittee.html**)**
- Appointed by university of Lucknow as external expert member EOI evaluation committee in regard to upgradation of existing network & other ICT Infrastructure of University, Jan. 2014

E.3 Details of the Project Sanctioned/ Executed

Dr. Manoj Kumar

Detail of Project Sanctioned/ Executed**:** Completed the project entitled "3D Reconstruction using Tomography & Shape-from-X Techniques" under Start-Up Grant for Newly Recruited Faculty by University Grant Commission (UGC).Report submitted on Jan. 2015.

E.4. Research Publication(s)

A. National/International/Conference/ Journal/Papers presentation

Prof. Vipin Saxena

1. Zaidi Taskeen and Saxena, Vipin, *Performance Estimation of Static Step Topology Across Distributed Networks through Simulation Tool,*ACM SIGSOFT Software Engineering Notes, New York, USA, (ISSN No.: 0163-5948) Vol. 39(6), pp.1-6, November (2014).
2. Narander Kumar, Singh, Rashmi and Saxena, Vipin,*Modeling and Minimization of Cyber Attacks through Optimization*

Technique, International Journal of Computer Applications, USA, (ISSN: 0123-4560), Vol. 99(1), pp.30-34, August (2014).

3. Saxena, Vipin and Sudhir Kumar Singh, *Reducing the Impurity of Object-Oriented Database Through Gini Index*, International Journal of Computers and Technology, (ISSN No.: 2777-3061), Vol 13(11), pp. 5172-5178, Sept. (2014).

4. Saxena, Vipin and Sudhir Kumar Singh, *UML Modeling and Validation of Object-Oriented Database for Water Bill Deposit System*,MAGNT Research Report (ISSN No.: 1444-8939), Vol 2(5),100-104, DOI: dx.doi.org/14.9831/1444-8939.2014/2-5/MAGNT.13, Sept.,(2014).

5. Narander Kumar, Shalini Agarwal and Saxena, Vipin, *A Distributed Load Balancing Scheme Based on Complex Network Model of Cloud Servers*, ACM SIGSOFT (ISSN No.: 0163-5948), USA, Vol. 39(6), pp.1-6, November (2014).

Dr. S.K Dwivedi

1. Ajay Kumar Bharati, Sanjay K. Dwivedi, , "Foresight Based Model for Public Transportation in e-governance", *International Journal of Strategic Information Technology and Applications, IGI, Global, USA,* Vol.5, No.2, pp63-74, 2014

2. Ashish Kr., Sanjay K. Dwivedi, CK Jha, "Designing A Logical Security Framework For E-Commerce System Based on SOA", *International Journal of Soft Computing, Vol.5 No.2, pp1-10, 2014 (DBLP)*

3. Ashish Kr., Sanjay K. Dwivedi, CK Jha, "Designing and implementing the logical security framework for e-commerce based on service oriented architecture", *International Journal of Advanced Information Technology (IJAIT),* Vol. 4, No. 3, June 2014, pp25-34, 2014 (DBLP)

4. Sanjay K. Dwivedi, Pramod P. Sukhdeve, "Translation Rules for English to Hindi Machine Translation System: Homoeopathy domain", International Arab Journal of Information Technology, (IF.39) (accepted) [ISSN2309-4524]

5. Anand Kumar, Sanjay K. Dwivedi, " A Generic Framework for developing Semantic web Application", Int. Journal of Recent Trends in Engineering & Technology, Vol.11, pp13-23, June 2014

6. 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

7. Sanjay K. Dwivedi, Ajay Kumar Bharti, , "e-Governance in Public Transportation through PPP- A Vehicle for Development", International Conference on Electrical Electronics and Computer Science (ICEECS), New Delhi, pp115-119, April, 2014[ISBN978-93-84209-03-2]

8. Sanjay K. Dwivedi, Ritesh Gupta, "A simulator based performance analysis of Multilevel Feedback Queue Scheduling", 5th international Conference on Computer & Communication Technology (Technically cosponsored by IEEE Computer Society, USA), MNNIT, Allahabad, India, Sept.,2014, pp341-346, IEEE Xplore [ISBN CD: 978-1-4799-6756-8]

9. J.N. Singh, Sanjay K Dwivedi, "Comparative Study on Evaluative Measures of Search Engines", 3rd International Conference on Reliability, Infocom Technologies and Optimization (technically sponsored by IEEE UP section) (ICRITO 2014), Noida India, October 2014 IEEE Xplore [ISBN: 978-1-4799-6896-1]

10. P Goswami, Sanjay K Dwivedi, "An Empirical Study on English to Hindi E-Contents Machine Translation through Multi Engines", 3rd International Conference on Reliability, Infocom Technologies and Optimization (technically sponsored by IEEE UP section) (ICRITO 2014), Noida, India, October 2014 IEEE Xplore [ISBN:978-1-4799-6896-1]

11. Vaishali Singh, Sanjay K Dwivedi, "Integrated Question Classification based on Rules and Pattern Matching", International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2014), Udaipur, India, Nov.2014 [ISBN:978-1-4503-3216-3]

12. (ACM digital Library)

13. Sanjay K Dwivedi, Ashish Goyal, "Machine Translation Status in India: An Experimental Analysis of Question Paper Translation", International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2014), Udaipur, India, Nov. 2014 (ACM digital Library) [ISBN:978-1-4503-3216-3]

14. Ganesh Chandra, Sanjay K Dwivedi, "A literature Survey on Various Approaches of Word Sense Disambiguation", 2nd International Symposium on Computational & Business Intelligence(ISBI-II), New Delhi, India, December 2014, IEEE Xplore

Dr Deepa Raj

1. Dr Deepa Raj and Pushpa Memoria, "Image Enhancement technique in the Spatial Domain: An Overview", in The IUP Journal of Computer Science Vol. IX No.2 April 2015pp. 46-57

2. Dr. Deepa Raj, "Modeling of Lossy compression",In international conference modeling and computing organized by Department of Computer science BBAU Lucknow on 10-11 July 2015.

3. Dr. Deepa Raj and Seema Gupta, "Adaptive Loss less compression in dictionary based", in international conferences on computing for sustainable Global Development",11-13 march 2015,IEEE conference New Delhi

4. Dr Deepa Raj and Seema Gupta, "Frame work of Adaptive Loss less compression with block wise data", in international conferences on Advance in computer Engineering and Application 17-19 March 2015,IEEE conference New Delhi

Dr Manoj Kumar

1. Manoj Kumar, Manoj Diwakar, Reconstruction of 3D Shape from CT images using Propagation based Shape from Shading Approach, ICCC-2014, 12-14 June 2014, pp. 145-150, Bangalore, India, Proceeding Published in Elsevier.

2. Manoj Diwakar, Manoj Kumar, CT Image Noise Reduction Based on Adaptive Wiener Filtering with Wavelet Packet Thresholding, PDGC-2014, 11-13 Dec. 2014, Solan, India, Proceeding Published in IEEE.

3. Ankita Vaish, Manoj Kumar, A New Image Compression Technique Using PCA and Huffman Coding, PDGC 2014, 11-13 Dec. 2014, Solan, India, Proceeding Published in IEEE.

4. Ankita Vaish, Manoj Kumar, WDR Coding Based Image Compression Technique using PCA, ICSC-2015, JIIT Noida, India, Proceeding Published in IEEE.

5. Sonam, Manoj Kumar, "Wavelet Transform based noisy and defocused image enhancement using fusion", ICETESMA-15, 1-March 2015, Proceeding Published in Pearson Publication.

Dr Narander Kumar

1. Narander Kumar, Swati Saxena "Migration Performance of Cloud Applications- A Quantitative Analysis" Published in Elsevier Procedia Computer Science Journal, Science Direct Indexed, 45 (2015) 823-831, March 2015. ISSN: 1877-0509. doi: 10.1016/j.procs.2015.03.163

2. Narander Kumar, Shalini Agarwal, Vipin Saxena, "A Distributed Load-balancing Scheme Based on a Complex Network Model of Cloud Servers", Published in *ACM SIGSOFT Software Engineering Notes*, Volume 39, Issue 6, November 2014, ACM, NEW YORK, NY, USA, (Available on ACM Digital Library), ISSN 0163-5948. doi: 10.1145/2674632.2674639

3. Narander Kumar, Shalini Agarwal, "QoS based Enhanced Model for Ranking Cloud Service Providers", Published in MAGNT Research Report, (Thomson Reuters Indexed), vol. 2, no. 5, pp. 32-39, November 2014, by *BRIS Journal of Adv. S & T*, Australia, ISSN 1444-8939.

4. Narander Kumar, Shalini Agarwal, "Managing IaaS Cloud Using Common Management Services Framework", Published in MAGNT Research Report, (Thomson Reuters Indexed), vol. 2, no. 5, pp. 189-198, Sept 2014, by *BRIS Journal of Adv. S & T*, Australia, ISSN 1444-8939.

5. Narander Kumar, Rashmi Singh, Vipin Saxena, "Modeling and Minimization of Cyber Attacks through Optimization Technique", *International Journal of Computer Applications*, Vol. 99, Number 01, pp: 30-34,

August 2014. Published by Foundation of Computer Science, New York, USA. ISSN 0975-8887.

6. Narander Kumar, Priyanka Chaudhry, "Minimize Cyber Losses in Cyber

7. World through the Optimization Technique", *International Journal of Computer Applications*, Vol. 96, Number 20, pp: 18-22, June 2014. Published by Foundation of Computer Science, New York, USA. ISSN 0975-8887

8. Narander Kumar, "QoS based Resource Management in Cloud Environment", Organized as Organizing Secretary and Chaired a Session in International Conference on Modelling and Computing (ICMC-2014), Organized by Department of Computer Science, Babasaheb Bhimrao Ambedkar University, Lucknow, UP, India.10-11 July 2014

9. Narander Kumar and Shalini Agarwal, "QoS based Cloud Service Provider Selection Framework", Presented, First International Virtual Congress (IVC-2014), by International E-Publication (Registered publisher under MHRD, Indian Government), International Science Congress Association, India, 5-10 June 2014.

10. Narander Kumar, Swati Saxena, "An Efficient Live VM Migration Technique in Clustered Datacenters", Presented, First International Virtual Congress (IVC-2014), by International E-Publication (Registered publisher under MHRD, Indian Government), International Science Congress Association, India. 5-10 June 2014.

11. Narander Kumar and Shalini Agarwal, "An Analytical Model for Dynamic Resource Allocation Framework in Cloud Environment", Presented, First International Virtual Congress (IVC-2014), by International E-Publication (Registered publisher under MHRD, Indian Government), International Science Congress Association, India, 5-10 June 2014.

12. Narander Kumar, Swati Saxena, "A Token-based Predictive Scheduling of Tasks in Cloud Data-centers", Abstract Published in Souvenir, Second International Virtual Congress (IVC-2015), by International E-Publication (Registered publisher under MHRD, Indian Government), International Science Congress Association, India. Pp-24-25, 5-10 April 2015. (ISBN 978-93-84648-78-7)

13. Narander Kumar, Priyanka Chaudhary, "Prevention Technique from Hackers and Trackers in on-line-Transactions", Abstract Published in Souvenir, Second International Virtual Congress (IVC-2015), by International E-Publication (Registered publisher under MHRD, Indian Government), International Science Congress Association, India. pp-24, 5-10 April 2015. (ISBN 978-93-84648-78-7)

14. Narander Kumarand Shalini Agarwal, "A Dynamic Workload Management Model for saving Electicity Cost in Cloud Data Centers", Published as *International Conference on Advances in Computing, Communications and Informatics (ICACCI-2014),* pp. 1246 - 1251, September 2014, Available on IEEE Xplorer, (ISBN: 978-1-4799-3078-4)

E.5. Participation in Orientation/Refresher Course/Workshop/Seminar/ Conferences

Dr. S.K. Dwivedi

1. International Conference on Electrical Electronics and Computer Science(ICEECS), New Delhi, April, 2014
2. ACM International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2014), Udaipur, India,14-16th November,2014

Dr. Manoj Kumar

1. International Conference on Modeling and Computing (ICMC-2014), 10- 11 July 2014, Babasaheb Bhimrao Ambedkar University, Lucknow. Worked as Organizing Secretary.
2. National Conference on Recent Advances in Mathematics and Applications (NCRAMA-2014), 30-31 Oct. 2014, Babasaheb Bhimrao Ambedkar University, Lucknow. Worked as Convener.

Dr Narander Kumar

1. Narander Kumar, "ICT IN Higher Education: Need of the Hour" Participated in National Seminar, Organised by Information & Guidance Bureau & DLIS at

Babasaheb Bhimrao Ambedkar University (A Centeral University), Lucknow, UP, India 20th June 2014.

2. Narander Kumar, Participatedin National Conference on Recent Advances in Mathematics and Applications (NCRAMA-2014), 30-31st Oct. 2014 at Dept. of Applied Mathematics, School for Physical Science, BBA University, Lucknow, UP, India.

3. Narander Kumar, "ICT IN Higher Education: Need of the Hour" Participated in National Seminar, Organised by Information & Guidance Bureau & DLIS at Babasaheb Bhimrao Ambedkar University (A Centeral University), Lucknow, UP, India 20th June 2014.

E.6 Invited Speaker/Session Chaired in National/ International Conferences

Prof. Vipin Saxena

1. Resource Person in Workshop on Research Methods in Information Technology (RMIT-2014) Organized by Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow from 22-28 September, 2014 (National).

Dr. S.K.Dwivedi

Invited Talks

2. Invited to deliver a talk on " Search Engine Evaluation" at GBPEC, Pauri Garhwal, 11th April 2014

3. Invited to deliver a talk on "Dimensions in Web Content Mining", at the National School of *Recent Computational Trends and Techniques in Computer Science, organized by* University of Kota (8th Oct.-15th Oct, 2014), Rajasthan, Oct. 12-13, 2014.

4. Invited as resource person to deliver a talk on "ICT and Web in Higher Education", at the Refresher Course in Library & Information Science, organised by Central library, University of Allahabad, Allahabad, U.P., 6th Jan. 2015

Session Chair

1. Chaired one session at *Int. Conf. On Modelling and Computing*, 10th July 2014, Dept. of Computer Science, BBAU, Lucknow, 2014

2. Chaired one session at the *ACM International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2014), Udaipur, India,* on 15th Nov

Dr. Deepa Raj

1. In international conference modeling and computing organized by department of Computer science BBAU Lucknow on 10-11 July 2015.

Dr. Manoj Kumar

1. Invited to deliver a talk on "Computed Tomography: A 3D reconstruction Approach" at AMBIE 2014, IIIT Allahabad.

2. Invited to deliver a talk on "Computer Vision: A Shape from Shading Approach" at Govind Ballabh Pant Engineering college, Pauri, Garhwal, Uttarakhand

E.7. Research Guidance

Prof. Vipin Vaxena

Sl. No.	Name of the Candidate	Subject	Title of Thesis	Status	Notification Number
1.	Vishal Verma	Computer Science	Data Mining Applications Through UML	Awarded in 2014	LETTER NO: 259/COE/BBAU/2014, DATED: 10/11/2014.
2.	Palle Kiran	Applied Mathematics	Nonlinear Thermal Instability Under Various Physical Configurations	Awarded in 2014	-

Dr. S.K. Dwivedi

Sl. No.	Name of the Candidate	Subject	Title of Thesis	Status	Notification Number
1.	Ajay Kumar Bharti	Computer Science	Systematic Study, Analysis and Design of e-Governance Model for Public Transportation in India	Awarded in 2014	_
2.	Jiendra Nath Singh	Computer Science	Performance Evaluation of Search Engines using Vector Space Model	Awarded in 2014	_
3.	Pramood P. Sukhadeve	Computer Science	English to Hindi Machine Translation for Homoeopathy domain	Submitted in April, 2014	_

Dr Narander Kumar

Sl. No.	Name of the Candidate	Subject	Title of Thesis	Status	Notification Number
1.	Vishal Verma	Computer Science	Data Mining Applications Through UML	Awarded in 2014	LETTER NO: 259/COE/BBAU/2014, DATED: 10/11/2014

E.8. Membership/Recognition/Fellowship of Professional/Academic Bodies

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. Chairman of **Departmental Research Committee, Department of Applied Mathematics,** Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
10. Member of **Research Degree Award Committee of University**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
11. Member of **Academic Council**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
12. **Dean of Alumni Relations,** Babasaheb Bhimrao Ambedkar University, Lucknow.

Dr. S.K Dwivedi

1. Expert member of Faulty Research Committee of Amity University, Lucknow
2. Advisory/TPC member of IEEE International Conference on Signal Propagation and Computer Technology (ICSPCT), July 2014, Ajmer India (www.icspct2014.in/advisorycommittee.html)
3. External technical expert member of University of Lucknow for EOI evaluation committee in regard to up gradation of existing network & other ICT infrastructure of university
4. Member of **School Board of School for Information Science and Technology,** Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India

5. Chairman of **Board of Studies, Deptt. of Computer Science,** Babasaheb Bhimrao Ambedkar University, Lucknow, India
6. Head, Department of Computer Science, Babasaheb Bhimrao Ambedkar University,, Lucknow, India
7. Nodal Officer, BBAU (UGC & MHRD portals)
8. Director, Computer Centre, Babasaheb Bhimrao Ambedkar University, Lucknow, India
9. Member of **Research Degree Award Committee of University** , Babasaheb Bhimrao Ambedkar University, Lucknow, India
10. Member of CSI

II. 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. It is developed to assist and encourage graduate to build on their under graduate knowledge in Information Technology. The Department also offers PhD programme in Information Technology. The Department has established a Computing Lab. An Internet facility is also available. Recently, Department has procured Wireless Access Points and Wireless PCI cards in order to make the Department fully Wi-Fi.

The final semester students are motivated to develop real time projects in reputed organizations. Seminars and Group Discussions are a regular feature of DIT. Course curriculum of M. Sc. (IT) has been prepared on consultation with the industry professional and practitioners. We are planning to modify/update course curriculum regularly in consultation with the experts to abrupt our students with the latest development in the area of Information Technology. The Department has well qualified faculty members having live interaction and collaboration with other National and International institutions. They all are actively engaged in R&D activities. The faculty members have published number of articles in National and International Journals and Proceedings. Most of the faculty members are the member of various bodies/association of their area of expertise.

Department has executed 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 tine the DIT has carved a niche for itself among the reputed institutions of the country imparting quality IT education.

Evolution

Teaching- Major Focus of the department has been on imparting knowledge and developing skills related to the Information Technology. Case method of teaching is used to supplement the lectures delivered by the faculty to the students of Information Technology. The students are exposed to industry through industrial visit, summer training and project work.

Research- Heavy emphasis is laid on fundamental and applied research in different

areas of Information Technology. The Department has been undertaking major as well as minor research project sponsored by various funding body (like UGC, UPCST etc...) at state as well as national level.

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.

Faculty Details

Name of the Faculty	Designation	Qualification	Specialization
Dr. R. A. Khan **9305352751** **khanraees@yahoo.co.in**	Associate Prof. & Head	MCA. PhD	Software Quality Estimation, Software Testing, Software Security.
Mrs. Raj Shree **8562988463** **rajshree.bbau2009@gmail.com**	Asst. Professor	MCA, MTech, UGC-NET Ph.D Thesis Submitted	Mobile Ad hoc Network, Wireless Sensor Network, Routing Security.
Mr. Pawan K. Chaurasia **9451393566** **pkc.gkp@gmail.com**	Asst. Professor	MCA, Ph.D (Pursuing)	Data Mining, Software Engineering
Dr. Dhirendra Pandey **9453170609** **prof.dhiren@gmail.com**	Asst. Professor	M.Sc (Comp. Sc.), MPhil, UGC- JRF & NET, PhD	Software Engineering, Requirement Engineering, Data Mining & Warehousing, System Analysis and Development.

Department Level Academic Activity

1. National Conference on Information Security Challenges on 28th March 2014
2. One week Workshop on Research Methods in IT during 22nd September 2014- 28th September 2014
3. Two Days Workshop on RAD using Oracle IDS during 30th -31st October, 2014.
4. Community Service at Bijnaur on 15th November 2014.

1. National Conference on Information Security Challenges on 28th March 2014

The objectives of the NCISC-2014 were to promote educational activities and interchange of Information towards the advancement of theory & practice of Information Technology applications along with other services for the betterment and welfare of the society & mankind. In addition, the NCISC- 2014 also provides a platform to get together all researchers in the area of Information safety and Security. The following topics were covered in the conference:

- Software Security
- Network Security
- Communication Security
- Security in Mobile Communication
- Secure Broadband Technology
- Security, Trust and Privacy
- Security, reliability, privacy, and availability issues
- Cryptographic techniques
- Cyber Security and Cyber Warfare
- Data Security and Data Privacy
- Software Testing
- Cyber Crime

The Speakers of the conference were Prof. K. Mustafa, JMI, New Delhi, Dr. S. M. Tarade, IPS, and Dr. Arvind Chaturvedi, STF.

2. One week Workshop on Research Methods in IT during 22nd -28th September 2014

The Department has organised one week workshop on Research Methods in IT. The objectives of the workshop were:

- To Point out the relevance of rigorous statistical and probabilistic techniques to pressing software engineering concern.
- To motivate new researchers from computer field to tackle problem with relevance for software development, as well as to suggest a statistical approach to software engineering.
- Adopting exploratory data analysis and visualization techniques
- Developing methods of analysis to cope with qualitative variables.

The Speaker of the Workshop were Prof. Manohar Lal, Ex Director, IGNOU, Prof. K. Mustafa, JMI, New Delhi, Prof. D. P. Vidyarthi, JNU, New Delhi, Arvi Dr. Arvind Chaturvedi, STF, Pramod Dixit, PNBIIT, Dr, Mohd. Nazir, JMI, New Delhi, Dr. Vikas Bhati, RML National Law University, Prof. Udai Shankar, MMMEC, Gorakhpur.

3. Two Days Workshop on RAD using Oracle IDS during 30th -31st October, 2014

The workshop was intended to provide an opportunity to the participants to upgrade their knowledge in recent advances in Information Technology with special focus on research issues in cloud computing. The workshop has covered the following:

- Technologies for creating Rapid Application Development (RAD) Using Oracle Ids.
- Tools for building Rapid Application Development.
- Guidelines for introducing Rapid Application Development using Oracle Ids courses and initiating innovative R&D projects.

4. Community Service at Bijnaur on 15th November 2014

Information and Communicational Technology (ICT) has the potential to overcome some of the possible challenges, enhances the delivery of services at much lower cost than current resources. It has the ability to empower individuals and organizations, connect communities and drive social change when used to its full potential. On November 15, 2014 the ICT awareness programme was spearheaded by

the Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow among the Villagers of Bijnaur, and other stakeholders at Bijnaur, Sarojni Nagar, Lucknow with the aim to driving the awareness and usage of ICT services, content and applications, increasing the ICT literacy, educating the masses and businesses on the potential of ICT t and to drive competitiveness, efficiency, transparency as well as civic participation between Bijnaur peoples. Leading the ICT literacy activity, the DIT team organized an ICT program between the people from Bijnaur, Sarojni Nagar, Lucknow wherein the students of Department of Information Technology presented a Nukar-Natak on E-Education, E-Reservation, Online Shopping, Online Government Scheme, Kisan Call Center and ATM Security. 40 students were participated in this program and also they have presented no. of Poster, Slide, and presentation about Usage of the computer etc.

Academic Activities Of The Faculty

DR. R. A. KHAN

1. *Books/Edited Books/Monograph(S)*

- **Software Vulnerability: Identification and Minimization**, Alka Agrawal &**Khan R A**, Verlag/Publisher, Scholar Press Deutschland, GERMANY (ISBN: 978-3-639-66143-9)

2. *Book Chapters*

- **Empirical Approach of RRSF: Requirement Defect Analysis Perspective,** S. K. Nayak, Khan R A & M. R. Beg (2014) Computer Science and Engineering, vol. 4;1 Narosa Publications.
- **Addressing Analyzability in terms of Object Oriented Design Complexity,** Suhel

Ahmad Khan, Raees Ahmad Khan, ICT and Critical Infrastructure: Proceedings of the 48th Annual Convention of Computer Society of India-Vol II Advances in Intelligent Systems and Computing Volume 249, 2014, pp 371-378, ISBN 978-3-319-03095-1,Springer-Verlag Berlin Heidelberg 2014.

3. *Research Projects*

- Title of Project: Integration, Analysis and Implementation of Prosodic & MFCC Features for Automatic Speaker Recognition System using GMM

  Funding Agency: Council of Science & Technology, UP,

  Total Budget: Rs. 7, 82,000/-,

  Status: On Going,
  Duration: 2 Years,

  Role: PrincipalInvestigator,
  Execution Date: May 2013.

- 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: PrincipalInvestigator

4. *Publication*

International Journal

- 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, Jan 201, pp. 76-84 (ISSN : 2347-5900). Impact Factor: 0.997.
- 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, January-February 2015 Impact Factor: 3.258, pp 232-237.
- Singh, S., **Khan, R.A.** (**2015**): Inter-operability in Software Defined Networks, International Journal of Computer Science and Mobile Computing, Volume 4, issue 1, Jan 2015 (ISSN : 2320-088X). Impact Factor: 2.143, pp 74-77.
- Rajeev Kumar,Suhel Ahmad Khan,**Khan R A (2015):** RevisitingSoftware Security: Durability Perspective, International Journal of Hybrid Information Technology(SERSC Journal) Vol.8, No.2 (2015), pp.311-322.
- 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.DOI: 10.5815/ijmecs.

- Singh, N.,**Khan, R. A., (2014)** Extraction of Prosodic Features for Speaker Recognition Technology and Voice Spectrum Analysis, International Journal of Scientific & Engineering Research, Volume 5, Issue 5, May-2014.
- Agrawal A. &**Khan R. A**.(**2014**)**:** Securo-Phobia: A New Challenge to Usage of Security Technologies, Journal of Software Engineering and Simulation, Quest Journals, Vol. 2, Issue 1, pp: 01-03.
- Suhel Ahmad Khan, **Khan R A** (**2014**): Security Assessment Framework: Complexity Perspective, Computer Fraud and Security, Elsevier, Available at Thomson Reuters, ISSN: 1361-3723, Issue 7, Volume 2014, pp: 13-17, SNIP=0.447.

International Conferences

- Singh, S., Khan R.A., Agrawal A., (2015), Applicability of Software Defined Networking in Campus Network, Springer International Publishing Switzerland 2015 S.C. Satapathy et al. (eds.), Proc. of the 3rd Int. Conf. on Front. of Intell. Comput. (FICTA) 2014, Vol. 2, Advances in Intelligent Systems and Computing.
- Singh, N., Khan R.A.,(2015) Digital Signal Processing for Speech Signals, Bilingual International Conference on Information Technology: Yesterday, Toady, and Tomorrow, 19-21 Feburary 2015, pp. 134-138 © DESIDOC, 2015.

5. Research Guidance

Name of the Candidate	Degree	Status
Rashmi Tarade	PhD	In Progress
Bonthu Kottaaih	PhD	In Progress
Sandeep Singh	PhD	Pre PhD Seminar Given
Mrs. Raj Shree	PhD	Thesis Submitted
Rajeev Kumar	PhD	In Progress
Gayatri Kapil	PhD	In Progress
Pawan Kumar Chaurasia	PhD	In Progress

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

- Editorial Board of Journal of Information Technology Journal, Journal of Applied Sciences, Journal of Software Engineering, Research Journal of Information Technology, International Journal of Computing Science & Communication Technologies
- Lifetime member of CSI Journal
- Professional member of Journal of ACM
- Member of Developer IQ, Software Technology Magazine
- Reviewer of the Book manuscript, Narosa Publication
- Member of Board of Management, BB Ambedkar University(A Central University), Lucknow UP-India(expired)
- Member of Planning Board, BB Ambedkar University(A Central University), Lucknow UP-India(expired)
- Member of Academic Council, BB Ambedkar University (A Central University), Lucknow UP-India
- Member of School Board Committee, School for Information Science & Technology, BB Ambedkar University (A Central University), Lucknow UP-India
- Member of Board of Studies, National PG College, Lucknow
- Chairman, Board of Post Graduate Studies, Dept. of Information Technology, BB Ambedkar University (A Central University), Lucknow UP-India
- Chairman, Departmental Research Committee, Dept. of Information Technology, BB Ambedkar University (A Central University), Lucknow UP-India
- Member of Computer Specification Technical committee, BB Ambedkar University (A Central University), Lucknow UP-India

7. Google Scholar Profile (Dr. R. A. Khan):

Citations	440
h-index	11
i10-index	13

Mrs Raj Shree

1. Award:

- DG's Plaque of Honour & Commandant's Gold Medal for standing First in order of

Merit during Course Serial PRCN/GD/SW-93 held at NCC OTA Gwalior from 11 Aug 2014 to 08 Nov 2014.

2. *Book(s)/Book Chapter (s) Authored/Edited Book/ Monograph(s) (if any):*

- Raj Shree, Ravi Prakash Pandey, "Security Advancement in ZRP based Wireless Networks", LAP LAMBERT Academic Publishing, 978-3659500411, May, 2014.
- Emerging Trends in Information Technology, shroff Publishers & Distributors Pvt. Ltd., Mumbai, ISBN 978-9352130269, March 2015.

3. *Research Publication (s)*

International Journal:

- Kavita Sahu, Raj Shree, "Helpful and Defending Actions in Software Risk Management: A Security Viewpoint" Integrated Journal of British, Jan 2015, vol. 2, issue 1, ISSN 23499419, pp. 1-7.
- Kavita Sahu, Raj Shree, "Software Security: A risk Taxonomy", International Journal of Computer Science & Engineering Technology, Feb 2015, Vol.6, No.02, ISSN 22293345, pp. 36-41.
- Nilu Singh, R. A. Khan, Raj Shree, "Equal Error Rate and Audio Digitization and Sampling Rate for Speaker Recognition System", Journal of Computational and Theoretical Nanoscience, Advanced Science Letters, May 2014, Volume 20, Numbers 5-6, ISSN 1936 6612,pp. 1085-1088(4).

National Conferences/Seminar (Paper/Poster)

- A paper presented at National Seminar on Society, State, Law and We the People of India, organized by AIRO in association with IAOSS and Lucknow Law College, Lucknow University, Lucknow. Titled "Impact of Information and Communication Technology in Work and Society", held on 12th & 13th Nov-2014.
- A paper presented at National Seminar on Hi-tech Horticulture: Challenges and Opportunities, organized by Department of Applied Plant Science, Babasaheb Bhimrao Ambedkar University, Lucknow. Titled "Role of Information and Communication Technology in Horticulture", held on 26th & 27th Feb-2015.
- Co-Chaired the session and presented paper in the National Seminar on Inclusive Growth of Minority Women through ICT, organized by Khwaja Moinuddin Chisti Urdu, Arbi-Farsi University, Lucknow. Titled, "ICT initiatives for Women Health Issues".

4. Participation in Orientation /Refresher Course / Workshop /Seminar / Conferences (if any)

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
Course, serial no. CEC/SW-64 organized by NCC Officers Training Academy	Gwalior,	**11 AUG 2014 TO 08 NOV. 2014.**	NCC Officers Training Academy, Gwalior

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

- **Associate Lifetime Member of Computer Society of India**
- **Life time Member of Uttar Pradesh Association for Science and Technology Advancement (UPASTA), India.**
- **Life Member of Indian *Science Congress* Association, India**
- **Member of Institute of Electrical and Electronics Engineers**
- **Member of** Association for Computing Machinery
- **Member of International Association of Engineers (IAENG)**

6. Google Scholar Profile (Mrs. Raj Shree)

Citations	23
h-index	03
i10-index	00

Pawan Kumar Chaurasia

1. *Publication*

International Journal

- Pawan Kumar Chaurasia (2014): "How Accountability Improves Software Reliability?", International Journal of Computer Science & Engineering

Technology (IJCSET) (ISSN:2229-3345) Volume 5, Issue 9 , September, 2014, pp. 868-871.

- Pawan Kumar Chaurasia (2014): "E-Waste Management Approaches in India", International Journal of Engineering Trends and Technologies (IJETT) (ISSN:2231-5381) Volume 15, Issue 1 , September, 2014, pp. 21-24.
- Pawan Kumar Chaurasia (2014): "Classification of Software Reliability Models", International Journal of Advance Research in Computer Science and Software Engineering (IJARCSSE) (ISSN:2277-128X) Volume 4, Issue 8 , August, 2014, pp. 1084-1091.
- Pawan Kumar Chaurasia (2014): "Developing Operational Profile for University Library Management System", Pensee Multidisciplinary Journal, Thomson Reuters, Paris, France, (ISSN: 0031-4773), Volume 76, Issue 6, June 2014, pp. 2-6
- Pawan Kumar Chaurasia (2014): "Software Reliability Chain Model", International Journal of Software and Web Services (IJSWS), ISSN (Print) 2279-0063, ISSN (Online) 2279-0071, (IASIR), Issue 8, Vol I, May 2014, pp 46-50. http://iasir.net/IJSWSpapers/IJSWS14-246.pdf, Impact Factor=1.234.
- Pawan Kumar Chaurasia (2014): Proposed Model for IP Address Security, "International Journal of Advance Research in Computer Science and Software Engineering", ISSN 2277-128X, Volume 4, Issue 5, May 2014, pg 363-365. http://www.ijarcsse.com/docs/papers/Volume_4/5_May2014/V4I5-0236.pdf Impact factor=2.080.

International Conferences

- Pawan Kumar Chaurasia (2014): Estimation and Assumptions of Software Reliability Models: A Critical Review, International Conference on Modeling and Computing (ICMC-2014), 10-11 July, 2014.

National Conferences

- Pawan Kumar Chaurasia (2014): "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.
- Pawan Kumar Chaurasia (2014): Identification of Error Prone Path for Improving Software Testing: Genetic Algorithm Approach, Conference Proceeding National Conference on Recent Advances in Chemical and Material Sciences, 23-24, February, 2015, ISSN 978-93-84224-257, pp 52-54,organized by MMMUT, Gorakhpur.

2. Invited Speaker/Session Chaired in National/International Conferences detail (if any):

- One Week Workshop on "Recent Methods in Information Technology, 22-28 Sep 2014, BBAU, LKO
- Session Chair, International Conference on Modeling and computing (ICMC-2014), 10-11 July, 2014, organized by Department of Computer Science, BBA University, Lucknow
- Two Days Workshop on RAID using Oracle IDs, 30-31, October, 2014, BBAU, Lucknow.

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

- Member, Grievance Redressal Committee (GRC), Department of IT, BBA University, Lucknow.
- Member, School Board SIST, School for Information Science and Technology,, Babasaheb Bhimrao Ambedkar Univesrity, Lucknow.
- UPASTA, Lucknow.
- Member, International Association of Computer Science and Information Technology, (IACSIT) Singapore.
- International Association of Engineers IAENG of the following societies

4. Google Scholar Profile (Mr. Pawan Kumar Chaurasia)

Citations	08
h-index	02
i10-index	00

DR. DHIRENDRA PANDEY

1. Award & Recognition (if any):

1. Award for Excellence by Jabalpur management Association and Global Journal of Multidisciplinary Studies, July 2014.

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

1. Medical Data Mining: Concept and Practice, Reference Book, ISBN: 978-93-83459-45-2, Bonfring Publication.
2. Requirement Validation: An Introduction, Reference Book, ISBN: 978-93-83459-37-7, Bonfring Publication.

3. Research Publication (s)

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

1. **Dhirendra Pandey, Vishal Agrawal, "**E-commerce Transactions: An Empirical Study**",** International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 4, Issue 3, pp.669-671, 2014.
2. **Shweta Sankhwar, Dhirendra Pandey,** "Software Project Risk Analysis and Assessment: A Survey**",** Global Journal of Multidisciplinary Studies, ISSN: 2348-0459, pp. 144-160, 2014.
3. **Mohd.** Waris Khan, Vinodini Katiyar, Dhirendra Pandey, et.al, "The Role of Requirement Engineering Practices in E-Learning Services", International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 4, Issue 3, pp.601-611, 2014.
4. Virendra Singh, Shweta Sankhwar, Dr. Dhirendra Pandey, "A Framework for Requirement Elicitation, South Asia Journal of Multidisciplinary Studies", ISSN: 2348-0459, pp. 1-7, 2014.
5. Virendra Singh, Shweta Sankhwar, Dr. Dhirendra Pandey, Requirement Engineering Paradigm, Global Journal of Multidisciplinary Studies, ISSN: 2348-0459, pp. 290-297, 2014.
6. Virendra Singh, Shweta Sankhwar, Dr. Dhirendra Pandey, The Role of Information Communication Technology (ICT) in Agriculture, Global Journal of Engineering, Science & Social Science Studies (ISSN No.2394-3084), Vol 3, No. 4, 2014, pp. 225-230

4. Participation in Orientation /Refresher Course /Workshop /Seminar / Conferences (if any)

1. Workshop on Research Methods in Information Technology, from 22-28 September, 2014 at Babasaheb Bhimrao Ambedkar University, Lucknow

5. Invited Speaker/Session Chaired in National/International Conferences detail:

1. Delivered invited talk and Session Chaired in 2 day International Conference on "Innovative Technology in the Multidisciplinary Research-2014" organized by Jabalpur Management Association & Community of Researcher, India sponsored by Global Journal of Multidisciplinary Studies held at Rani Durgawati Vishwavidyalaya, Jabalpur (MP) on 6-7 July, 2014

6. Research Guidance

Sn	Name of the Scholar	Degree	Status
1	Priyadarshni Narayan	MPhil	Awarded in July 2014
2	Diksha	MPhil	Thesis Submitted
3	Palak Khandelwal	MPhil	Thesis Submitted
4	Vishal Agrawal	MPhil	Thesis Submitted
5	M. Waris Khan	PhD	Registered
6	Vivek Shukla	PhD	Registered
7	Shweta Sankhwar	PhD	Registered
8	Virendra Singh	PhD	Registered

7. 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.

8. Google Scholar Profile (Dr. Dhirendra Pandey)

Citation indices	All
Citations	77
h-index	5
i10-index	2

III. DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

The Department of Library and Information Science is functioning in the University since 1997 with the aim to provide up-to-date LIS education to the students through effective teaching programmes and practical training. The department is working with the vision to educate individuals for career as Librarians, Document lists, Information Professionals, Archivists, Information Scientist and Knowledge Managers. The students are educated and 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 two year integrated Master of Library and Information Science (MLISc), M. Phil. and Ph.D. programme in Library and Information Science. Keeping in view of the market demands and employment opportunities for the students the courses are being structured and restructured at regular intervals. The department has so far produced more than355 Library and Information Professionals and a 07scholar was awarded Ph.D. degree till date.

The Department of Library and Information Science at the moment has one state-of-the-art Information Technology Laboratory with Xeon Server, 25- Personal Computers, Scanners, Internet with 256kbps bandwidth, leased lines etc, 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 canters;
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, Academic Institutions & Government Department, 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 & Dean, SIST	MLISc, CIC, Ph.D.	-Information Science -Information Systems and Programmes -Information Processing -Academic Information Systems and Services. Knowledge Management	Mahawar_67@yahoo.co.in
2.	Dr. M. P. Singh	Associate Professor and Coordinator	M.Com, MSc(IT), MBA, MLISc, PhD(LIS)	-Knowledge Organization -Research Methodology in LIS -Information of Lib & Sci. -Management & Technology -Information sharing before Biometric study	mpsinghdlis@gmail.com
3.	Dr. Sharad Kumar Sonker	Assistant Professor	MLISc, PGDCA, Ph.D.(LIS)	-IT Application to LIS -Management of LICs -Digital Libraries and IRS -Academic Library system	sksonker@yahoo.co.in
4.	Dr. Ranjeet Kumar Choudhary	Assistant Professor	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	shipoo_lko@rediffmail.com shipoo.lko@gmail.com

A.2. Departmental Level Activity:

1. Organized one Day National Seminar on Changing Paradigm of Libraries in Higher Education held on March 25, 2015 at Babasaheb Bhimrao Ambedkar University, Lucknow.

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. 1-36

2. Singh, M.P., et.al. (2015) edited National Seminar Proceedings of "Changing Paradigm of Libraries in Higher Education" Organized by DLIS, BBA University, held at Auditorium University, Lucknow.- Faizabad ; Bharti Publisher and Distributer, 2015, pp. 373 ISBN: 978-93-81797-80-8

3. Singh, M.P., Pankaj Kumar Singh and Adesh Kumar (2014) edited National conference Proceeding "Libraries : Towards Digital Paradigm".- ; Organized by SPLUP , CSMJ University and SLP, held at CSMJ University.- Faizabad ; Bharti Publisher and Distributer, 2014, pp. 535 ISBN: 978-93-81797-65-5

Papers in Books (published)

Chapter in Books

Dr. M.P. Singh

- Singh, M.P. and Gautam, V.K. (2015) "A Comparative Study of Aligarh Muslim University and Banaras Hindu University

Library Websites, Uttar Pradesh, India". In Transforming Libraries and Librarianship: a Festschrift Volume of Late Dr. Harish Chandra, Edby Sanjay Kat aria et.al:- New Delhi; KBD Publishers, pp 375-386, ISBN: 978-81-907999-6-6.

- Satish Kumar and Singh, M.P. (2015) "Study of Use of Internet by Research Scholars at Babasaheb Bhimrao Ambedkar University, Lucknow". In Transforming Libraries and Librarianship: a Festschrift Volume of Late Dr. Harish Chandra, Edby Sanjay Katerina et.al:- New Delhi; KBD Publishers, pp 451-458, ISBN: 978-81-907999-6-6.

Dr. Sharad kumar Sonker

- Sonker, S.K. (2015). Open source software for libraries. Transformation of knowledge and resource centres in collaborative Era. Edited by S. Dharamraj K. veer and Dattatraya T Kalbande. New delhi: ABG press, pp565-577. ISBN: 978–93–84–502–00–3
- Sonker, S.K.(2014).E-books : pros and cons. Transition in Librarianship. Edited by S. Dhanavandan and M. Tamizhchelvan. New Delhi: Dominant publishers, pp111-119. ISBN: 978-93-84161-69-9.
- Sonker, S.K. (2014). Open access resources: An overview. Advancement of Electronic Resources in Libraries Edited by B.G. Mukhyadal , Rahul B. Khandare and S.J. Deshmukh. Jalgoan: Atharva publication, pp92-116. ISBN: 978–93–84093-30-3

Dr. R. K. Choudhary

- Akhelesh Kumar and **Choudhary, Ranjeet Kumar** (2014): **"Preservation and Conservation of Electronic Resources: Issues and Challenges"** in Facets of Modern Librarianship. Edited by Sada Bihari Sahu. New Delhi: S.K. Book Agency. pp.169-179 ISBN:978-93-8315-830-0.

Papers in Conference Proceedings (published)

National Conference:

Dr. M.P. Singh

- Singh, M.P. and Kumar, Sunil(2014) " Bharat me Sarbjanik Pustkalyon ka Punrudhar: eak Sihalokan" in National Conference on" Opportunities and challenges of the Institutional Library In rural areas organized by Shri Shakti Degree College, Sankhahari, ghatampur Kanpur, nagar, held at International Centre CSJM University Kanpur, pp. 105-108 on 05-06 Octobe2014, ISBN: 978-93-81797-80-8

Dr. Sharad Kumar Sonker

- Nidhi Verma, Sonkar, S.K and Rajbanshi, V.J (2015) Paper "Information Seeking Behavior of the Users on the Internet in the BIRD Library: A Study" in National Conference Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015).Edited by Prof. K.L.Mahawar and others held on 25 March Organized by Dept. of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow. pp.228-235 .ISBN No.978-93-81797-80-8.
- Anjali Verma, Sonkar,S.K, Nehalata (2015) Paper "Cloud Computing in Libraries" in National Conference Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015).Edited by Prof. K.L.Mahawar and others held on 25 March Organized by Dept. of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow.pp.285-292.ISBN No.978-93-81797-80-8.
- Manisha and Sonkar, S.K (2015) Paper " General Awareness of Museums among Public of Lucknow: A Survey" in National Conference Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015).Edited by Prof. K.L.Mahawar and others held on 25 March Organized by Dept. of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow.pp.95-101.ISBN No.978-93-81797-80-8.
- Sonker, S.K**. (2014) Paper "Innovative approach of sharing resources: the current trends" in Preconference volume of national conference on Challenges and opportunities of Libraries & librarians in knowledge era (NCCOLLKE-2014) Edited by Roshan Lal Raina and others held on April 12, 2014 organized by Society of social welfare & educational development, Lucknow in collaboration with LPA, New Delhi & SSS, Amethi . pp. ISBN: 93-5140-121-9

- Sonker, S.K**. (2014) Use of 2.0 technology by university libraries of Top Universities in the world. In National conference on Libraries towards Digital Paradigm (NCLTDP-2014) organized by DLIS, CSJM university in collaboration with central Library and placement cell, CSJM university Kanpur. Bharati publishing: Faizabad, pp.146-155, on 19-20 April .2014. ISBN: 978-93-81797-65-5

Dr. R.K. Choudhary

- Mamta Rani and Choudhary, R. K. (2015). "**Consortia based subscription to E-Journal: An Introduction**". Proceeding of the national conferences on Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015). pp. 334-343 ISBN: 9789381797808.
- Aklesh Kumar and Choudhary, R. K. (2015). "**Impact and challenges of information technologies on libraries in digital environment: an overview**". Proceeding of the national conferences on Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015). pp. 280-284 .ISBN: 9789381797808.
- Ranjan, Sumit and Choudhary, R. K. (2015). "**Open access initiatives: An Overview**". Proceeding of the national conferences on Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015). pp. 309-320. ISBN: 9789381797808.
- Choudhary, Ranjeet Kumar (2014) and Aklesh Kumar: "Importance of Electronic Resources in Digital Era: Problems and Prespectives" Proceeding of 'National Conference on e-Resource Management in Libraries: Challenges and Issues." To be held on 19th October, 2014 at Era's Lucknow Medical College and Hospital, Lucknow. Lucknow: Thakur Publishers, pp.15-19. ISBN: 978-93-5163 -321-1.

Dr. Shilpi Verma

- Information communication Technologies in Libraries " in Proceedings of National seminar on Changing Paradigm of Libraries in higher Education on 25 March 2015 at BBAU, Lucknow Pg. 90-94) 978-93-81797-80-8
- Physical Facilities available in Academic Libraries of Lucknow: A Survey" in proceedings of National seminar on Changing Paradigm of Libraries in higher Education on 25 March 2015 at BBAU, Lucknow Pg. 298-308) 978-93-81797-80-8
- Role and Responsibility of Public Library in Present Scenario" National Seminar on Issus and challenges for development for development o public Libraries in India held on 13 Dec 2014 organised by Society for promotion of Library, Information Science of Yoga, Lucknow ISBN: 978-93-806684-8-2
- Leisure and the role of Public Library: a survey of Public Libraries of Lucknow" National Seminar on Issus and challenges for development for development o public Libraries in India Edited by Prof. B.S. Nigam and others held on 13 Dec 2014 organised by Society for promotion of Library, Information Science of Yoga, Lucknow, ISBN: 978-93-806684-8-2
- Digital Libraries: Basic Approach" in Proceedings of National Conference on e-resource Management in Libraries: Challenges and Issues (Oct 19, 2014)Orgnised by Era Medical College in Nov. 2014 Editors: Mohd. Kashif Khan and others, Thakhur Publishers, Lucknow
- Mobile Libraries: Proceedings of National Conference on e-resource Management in Libraries: Challenges and Issues (Oct 19, 2014)Orgnised by Era Medical College in Nov. 2014 Editors: Mohd. Kashif Khan and others, Thakhur Publishers, Lucknow
- Role of Librarians in Managing Digital Libraries in National seminar held on May 23-24 2014 at GNDU, Amritsar, in Information Technology Tools and Techniques in social Science Research Vol.1, ISBN: 978-81-8329-677-9 Pg: 343-347
- E-resources and services in Indian Institute of Management Libraries in Second National Conference on " Libraries Towards Digital Paradigm (NCLTDP-2014) in Libraries: Towards Digital 978-93-81797-65-6Paradigm Edited by Dr. M.P. Singh, Dr. Pankaj Kr. Singh & Mr. Adesh Kumar on 19-20 April 2014pub. By Bharti Publishers & distributors, Faizabad, Pg. 399-406 978-93-81797-65-6

B.4 Papers in National Journals (published):

Dr. M. P. Singh

- Madhu Bala and Singh, M. P., "Job Satisfaction Among Female Library Professionals Working In ICT Era in Aligarh Muslim University Libraries, Uttar Pradesh: A Study". Journal of Research in Librarianship, Vol.1 Issue (3), pp.1-12, Dec.2014, ISSN: 2393-8986.
- Madhu Bala and Singh, M. P. "Job Satisfaction among Female Library Professionals Working in Aligarh Muslim University and Banaras Hindu University Libraries of Uttar Pradesh: A Comparative Study." in Journal of Library and Information Communication Technology, Vol. 3 Issue (2), pp.95-102, December, 2014, ISSN: 2278-3482.
- Satish Kumar and Singh, M.P. "Application and Use of Library Software in Central University Libraries: A Comparative Study." e- Library Science Research Journal Vol.3 Issue (1), pp. 1-6, Nov. 2014. ISSN: 2319-8435.http://www.lsrj.in/ArticleDetails.aspx?id=25
- Pandey, S.K. and Singh, M.P. "Users' Satisfaction towards Library Resources and Services in Government Engineering Colleges of Guru Gobind Singh Indraprastha University, Delhi: An Evaluative Study." Journal of Library, Information and Communication Technology (JLICT), Vol.6 Issue (1-2), pp. 17-26, June 2014. ISSN: 0975-3168.http://www.escienceworld.net/journals.php?type=jlict
- Madhu Bala and Singh, M. P. "Stress Management among Female Research Scholars in Babasaheb Bhimrao Ambedkar University Lucknow, Uttar Pradesh: A Study". Journal of Academic Research (JAR). - Uttar Pradesh: Adarsh Jan Chetana Samiti Publication, Vol. 1 Issue (1), pp. 1-12, June2014, ISSN: 2393-798X.
- Sonkar, S. K., Singh, M.P. and Kumar, Jitendra. Use of Electronic Resources by Post Graduate Students and Research Scholars of the Banaras Hindu University: A Study' in Journal of Information Management. - K*amal ViharBurari, Delhi*. - *Pacific Research Publications*. Vol.1, Issue 2, pp. 87-97, June 2014, ISSN: 2348-1773

Dr. S. K. Sonker

- Sonker, S.K*.(2015):Use of Laptops for bridging digital divide in Uttar Pradesh : a government initiative. Journal of Advanced Research in Library and Information Science.*ISSN: 2395-2172*
- Sonker, S.K.*(2014): Use of electronic resources by PG students and research scholars of BHU, Varanasi : a study, Journal of Information Management.,ISSN:**2348 – 1765**

Dr. R.K. Choudhary:

- Anjali Verma, Choudhary, R. K. and Mamta Rani (2015): "Use of Integrated Library Software in the Engineering College Libraries of Lucknow: A Survey". KIIT Journal of Library and Information Management. Vol. 2 No. 1 pp. 72-84. ISSN: 2348-0858.
- Choudhary, R.K., Singh, Bhaskar and Mamta Rani (2014): "Information Seeking Behaviour among Media Professionals in Lucknow: A Survey". Journal of Library & Information Communication Technology. Vol. 2 No. 2 pp. 1-9. ISSN: 2278-3482.
- Choudhary, R.K., Neha Lata and Mamta Rani (2014): "Design and Development of Digital Library in the University of Lucknow: A Model" LIS Today: A Bi Annual Journal of the Bihar Library Association. Vol. 1 No.1-2 pp.1-13. ISSN: 2349-9621.

Dr. Shilpi Verma

- Awareness and use of ICT in Libraries of Dehradun: A Comparative study of a central library of University of Petrolium of Energy studies and Wildlife Institute of India" in Journal of Studies, Vol 3,Jan 2015 Pg.7-17 ISSN No: 2348-3652
- Library Services for disabled person and problems faced by them in Tata Institute of social Science (TISS) Library, Mumbai" in Journal of Library and Information Services, Vol .-1, Issue-IV, Oct-Dec 2014 , Pg. 1-13 ISSN NO. 2347-8993

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 **Intern**ational 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 **Intern**ational 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

- Garanayak, S. and Sonker, S.K. (2015) Knowledge management and librarianship in information world. Conference proceeding of International conference on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS), 2015 organized by JIIT Noida during 6-8 Jan, 2015, pp.129 - 132
- Sonker, S.K.* (2015): Renovate Electronic documents using Greenstones Digital Library Software in International Conference on Knowledge Organization in Academic Libraries (I-KOAL 2015) Jaipur, held on 02-03-2015.ISBN 978-93-5196-852-2.
- Sonker, S.K. **((2014): Role of Organizational repository in Knowledge management. Conference proceeding of International Conference on sustainability of digital libraries ICSDL-2014 held during 25th to 27th march 2014 at JNTU Hyderabad. Edited by Nunsavath Rupsing Naik. Hyderabad: B.S publication, pp.365-369.
- Sonker, S.K**. (2014): Impact of internet on library and information service of Guru Nanak Dev University, Amritsar" 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 510-516 during 11-12 April 2014,pp ISBN 978-81-927409-2-8

Dr. R.K. Choudhary:

1. Choudhary, R.K. and Aklesh Kumar (2015): "Digital Information Literacy among Post Graduate students and research scholars of Banaras Hindu University: A Survey". Proceeding of International Conference on Knowledge Organisation in Academic Libraries (I-KOAL -2015) pp. 132-141. ISBN-9789351968522.

Paper published in International Journals:

Prof. K. L. Mahawar

1. Mahawar, K. L. (2015): Value Assessment of Cultural Properties at State Museum Lucknow: A Study, International Journal of Humanities and Social Science Invention, Vol. 4, Issue.3 March, 2015. E-ISSN: 2319-7722. P-ISSN: 2319-7714, p. 27-29

Dr. M. P. Singh

Madhu Bala and Singh, M. P.A Scientometric Study of Journal of Bi-Chemistry and Bio-Physics (IJBB). – University of Nebraska- Lincoln. - Library Philosophy and Practice (E- journal), Aug 2014, ISSN: 1522-0222, URL: http//: digitalcommons.unil.edu/libphilprac/1168.

- Madhu Bala and Singh, M. P. "Job Satisfaction among Female Library Professionals Working Central University Libraries in Banaras Hindu University, Varanasi (Uttar Pradesh): A Study." in International Journal of Library and Information Management, Vol. 5 Issue (2), pp.47-54, 2014, ISSN: 0975-878X
- Satish Kumar and Singh, M.P. "Application and Use of Library Software: A Survey of Selected Central University Libraries of North India. Asian Journal of Library and Information Science Vol.6: (1-2) June, 2014. ISSN: 0975-315X, http://www.escience world.net/journals.php?type=ajli

Dr. S. K. Sonker

- Sonker, S.K.(2014): Use of electronic resources by research scholars of Allahabad university : A study. International Journal

of Library and Information Studies: An online Journal. 4(4):**69-76** ISSN: 2231-4911

- Anubhav Shah & Sonker, S.K. (2014)A Study of LIBSYS Library Management Software Used in Special Libraries *of* Lucknow: A User Survey. International Journal of Library and Information Studies: An online Journal 4(2): *126-139. ISSN: 2231-4911*

Dr. Shilpi Verma

- Farmers and their Information Seeking Behaviour with special reference to Farmer's Training programmes at Chandra Sheker Azad University of Agriculture and Technology, Kanpur" in International Journal of Innovative Research & Studies (IJIRS), May 2014, Vol-3, Issue-5 Pg. 369-384, www.ijirs.com ISSN: 2319-9725
- Organization, Services of DRDO Libraries in Delhi: An Evaluative Study" in Asian Resonance (Peer Reviewed, Multi Disciplinary, International Research journal) Vol-III, Issue-II, April 2014, Pg. 229-235,ISSN: 0976-8602

International conference (Paper presentation)

- Cloud computing in Libraries : A New Concept" in "International Conference on Modeling and Computing" (ICMC-2014) July 10-11 2014) organised by DCS, BBAU, Lucknow

Participated in orientation/ refresher course/ workshop/seminar/conferences

A. Participated in orientation/ refresher course

Dr. S.K. Sonkar

- *Participated in the UGC Refresher course in Computer "Use of ICT in Teaching and Research" conducted by UGC-Academic Staff College, Himanchal Pradesh University, Shimla , during 6th July 2014 to 27 Jul 2015.*

B. Participated in workshop/seminar/ conferences

National workshop/seminar/conferences

Prof. K. L. Mahawar

- National Seminar on "Changing Paradigm of Libraries in Higher Education" Organized by DLIS, BBA University, held at Auditorium University, Lucknow.-during 25th March 2015
- Attended and also chaired a technical session at National Seminar on Issues and Challenges for Development of Public Libraries in India (NSICDPLI-2014) held on December 13, 2014 at MLRSM Auditorium, Lucknow (U.P)

Dr. M.P.Singh

- Participated inNational Seminar on "Changing Paradigm of Libraries in Higher Education" Organized by DLIS, BBA University, held at Auditorium University, Lucknow.-during 25th March 2015
- Participated in **N**ational Conference on" Opportunities and challenges of the Institutional Library In rural areas organized by Shri Shakti Degree College, Sankhahari, Ghatampur Kanpur Nagar, held at International Centre CSJM University Kanpur on 05-06 October 2014
- Participated in 2nd National Conference on "Libraries: Towards Digital Paradigm Organized by SPLUP, CSJM Kanpur University and SLP, held at CSJM university Kanpur, U.P April 19-20, 2014

Dr. S.K. Sonkar

- Participated in the National Conference Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015). held on 25 March Organized by Dept. of Library and Information Science, Babasaheb Bhimrao Ambedkar University
- Participated in the National seminar on Issues and Challenges for Development of Public Libraries in India (NSICDPI-2014) organized by SPLISY, Lucknow, VMKS, Lucknow, SSWED, Lucknow, LPA, New Delhi on 13th December, 2014.
- Participated in the National conference on Challenges and opportunities of Libraries & librarians in knowledge era (NCCOLLKE-2014) held on April 12, 2014 organized by Society of social welfare & educational development, Lucknow in collaboration with LPA, New Delhi & SSS, Amethi
- Participated in the National conference on Libraries towards Digital Paradigm

(NCLTDP-2014) organized by DLIS, CSJM university in collaboration with central Library and placement cell, CSJM university Kanpur during 19-20 April .2014.

- Participated in the National Seminar on Opportunities and challenges of the Institutional Library in Rural Area organised by Shri Shakti Degree College, Sankhahari, Ghatampur, Kanpur Nagar held at International centre, CSJM University, Kanpur during 05-06, 2014

Dr. Shilpi Verma

- Seminar/Awareness Workshop on Skill Development & Quality enhancement in Higher Education" organised by Dept. of Higher Education , Govt. of UP & UP state council of Higher Education on 22nd Dec. 2014
- National Seminar on Issus and challenges for development for development of public Libraries in India held on 13 Dec 2014 organised by Society for promotion of Library, Information Science of Yoga, Lucknow
- National seminar on Changing Paradigm of Libraries in higher Education on 25 March 2015 at BBAU, Lucknow

International workshop/seminar/conferences

Dr. M.P.Singh

- Participated in 2nd International Conference on Tecnia SRFLIS Summit 2015 Grey to Green, organized by Tecnia advanced Studies institute New Delhi and Satija research Foundation for Library and information Delhi. Held at Dew Delhi. During 11-12 March 2015.
- Participated 4th International Symposium on "Emerging Trends and Technologies in Libraries (ETTLIS) and Information Services" organized by JIIT NOIDA and JPU, Anoopshahar , held at JIIT NOIDA, Uttar Pradesh During January 6th-8th, 2015

Dr. S.K. Sonkar

- Participated in the International conference on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS), 2015 organized by JIIT Noida during 6-8 Jan, 2015.
- Participated in the International Conference on Knowledge Organization in Academic Libraries (I-KOAL 2015) on Theme: Digital India –Digital libraries jointly organised by SPL and Manipal University held at Jaipur during 2nd- 3rd Jan 2015.

Dr. Shilpi Verma

- Third International Conference on " Innovation in Technology & Management (3 ICON-2015) on Jan 16-17, 2015 at New Delhi
- International Conference on Modeling and Computing" (ICMC-2014) on July 10-11, 2014 organised by DCS, BBAU, Lucknow

Invited speaker /session chaired in national / international conference

1. Prof. K.L. Mahawar

- Chaired a technical session at National Seminar on Issues and Challenges for Development of Public Libraries in India (NSICDPLI-2014) held on December 13, 2014 at MLRSM Auditorium, Lucknow (U.P)
- Delivered 04 lectures Academic staff college, Allahabad university, Allahabad in refresher course.

Dr. M.P.Singh

- Chaired an in 5th Technical Session at2nd International Conference on Tecnia SRFLIS Summit 2015 Grey to Green, organized by Tecnia advanced Studies institute New Delhi and Satija research Foundation for Library and information Delhi. Held at Dew Delhi. During 11-12 March 2015.
- Chaired an in 5th Technical Session at 4th International Symposium on "Emerging Trends and Technologies in Libraries (ETTLIS) and Information Services" organized by JIIT NOIDA and JPU, Anoopshahar , held at JIIT NOIDA, Uttar Pradesh During January 6th-8th, 2015
- Chaired an in 1st Technical Session at National Conference on" Opportunities and challenges of the Institutional Library In rural areas organized by Shri Shakti Degree College, Sankhahari, Ghatampur Kanpur Nagar, held at International Centre CSJM University Kanpur on 05-06 October 2014

- Invited talk on" Role and responsibly of Institutional libraries in rural Area" in **N**ational Conference on" Opportunities and challenges of the Institutional Library In rural areas organized by Shri Shakti Degree College, Sankhahari, Ghatampur Kanpur Nagar, held at International Centre, CSJM University Kanpur, on 05-06 October 2014
- Worked as Resources Person in National Workshop on "**Library automation (Koha)**"organized by SPLP –ASC Kumaun University Nainital, held at Kumaun University Nainital, Uttrakhand. During29-30 April, 2014
- Chaired an in 5th Technical Session at 2nd National Conference on "Libraries: Towards Digital Paradigm Organized by SPLUP, CSJM Kanpur University and SLP, held at CSJM university Kanpur, U.P April 19-20, 2014
- Chaired an in 5th Technical Session at 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. During 11-12 April 2014.

Dr. S.K. Sonker

- Invited talk on ICT Application on Public Library In National seminar on Issues and Challenges for Development of Public Libraries in India (NSICDPI-2014) organized by SPLISY, Lucknow, VMKS, Lucknow, SSWED, Lucknow, LPA, New Delhi on 13th December, 2014.
- Invited talk on Electronic resources and Libraries. 1st National Conference on E-Resource Management in Libraries: Issues and Challenges 19 October, 2014 organized by Central Library Era's Lucknow Medical College & Hospital, Lucknow at Lt4, ELMC & H College Campus, SarfrazGanj, Hardoi Road, Lucknow 2014.
- Invited talk on Open access Resources for higher education. National Conference on "Opportunities and Challenges of the Institutional Library in Rural Areas" sponsored by NAAC and Organized by Shri Shakti Degree College, Sankhahari, Ghatampur, Kanpur Nagar held at International Centre, CSJM University Campus, Kanpur, U.P. on October 05-06, 2014.
- Invited talk on Role of Information Technology for the Development of Library Services. In 2nd National Seminar on "Libraries: Towards Digital Paradigm Organized by SPLUP, CSJM Kanpur University and SLP, held at CSJM university Kanpur, U.P April 19-20, 2014.

Research Guidance:

Prof. K.L. Mahawar

- Guided MLISc students for their Dissertation work.
- 03 M. Phil Degree awarded
- 03 Ph.D. submitted

Dr. M.P.Singh

- Six PhD research scholars have been registered and one PhD Scholar has been submitted and;
- Three MPhil student have successfully done their dissertation work and 04 have been registered
- Six MLISc students are doing Dissertation work and 4 MLISc students had completed their dissertation work

Dr. S.K. Sonker

- Four PhD research scholars have been registered
- Four MPhil student have successfully done their dissertation and five enrolled.
- Ten MLISc students are doing Dissertation work and 5 MLISc students had completed their dissertation work

Dr. R.K. Choudhary

- **Three** PhD research scholars have been enrolled
- Four MPhil student have successfully done their dissertation and five enrolled.
- Ten MLISc students are doing Dissertation work and 5 MLISc students had completed their dissertation work

Dr. Shilpi Verma

- **Three** PhD research scholars have been enrolled

- Three MPhil student have been awarded degree.

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).

IV. DEPARTMENT OF MASS COMMUNICATION AND JOURNALISM

The Department of Journalism & Mass Communication, started in 2008, offers a four-semester Post Graduate course leading to Masters Degree in Journalism and Mass Communication and M.Phil & Ph.D. programmes in Journalism & Mass Communication. 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 research and media 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. Two day National Seminar on "Green Communication and Sustainable Development: Prospects and Challenges" on 28th -29th January, 2015.
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Faculty Details

S No	Name	Designation	Qualification	Area of Specialization
1	Dr. Gopal Singh	Asso.Prof.& Head	MA, MJ, Ph.D. UGC NET- JRF	Film & TV Journalism, Environment & Media
2	Dr. Govind Ji Pandey	Asso. Prof.	MJ. LLB. Ph.D. UGC NET	Electronic Media (Radio and TV production)
3	Dr. Mahendra Kr. Padhy	Asst. Prof.	M.A(Eco.), M.Phil (Eco.) MJMC, M.Phil (J&MC), Ph.D UGC NET, JRF. D.Litt (Continuing).	Advertising & Development Communication (Sustainable Development)
4	Dr. Rachana Gangwar	Asst. Prof.	Ph.D	Mass Communication

1. Dr. Gopal Singh

Paper Presented in Seminar/Conferences/ workshops:

1. National Seminar on **"Communication: Emerging Trends and Future Prospects (CETFP-2014)"** dated April 21-22, 2014 presented a paper on **"New Media: A New Trend Setter for Indian News Industry"** in IMS Unison University, Dehradun.
2. National Seminar & Sensitization workshop **"Society, Social Justice, Sustainability & Corporate Social Responsibility"** dated Oct 5-7, 2014 as a member of Awards Committee for Professor Radha Kamal Mukherjee Young Social Scientist Award Contest in Agra.
3. National Seminar & Sensitization workshop **"Society, Social Justice, Sustainability & Corporate Social Responsibility"** dated Oct 5-7,2014 presented the Research Paper on **"Feminism & Mass Media : A Normative Apporach"** of Awards Committee for Professor Radha Kamal Mukherjee Young Social Scientist Award Contest in Agra.
4. National Seminar on **"Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions"** dated November 11-12, 2014 jointly presented a paper on **"Rural Women Folks Unite for Gender Equality"** in Department of Sociology, BBA University, Lucknow.
5. National Seminar on **"Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions"** dated November 11-12, 2014 jointly presented a paper on **"Hkkjrh; fgUnh flusek esa ukf;dkvksa ds izfr cjdjkj vkfFkZd HksnHkko % ,d voyksdu"** in Department of Sociology, BBA University, Lucknow.
6. National Seminar on **"Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions"** dated November 11-12, 2014 jointly presented a paper on **"Women Vs. Media Industry: A Fight against Discrimination"** in Department of Sociology, BBA University, Lucknow.
7. Participated in 14th Indian Science Communication Congress (ISCC-2014) dated December 25-29, 2014 in Indian National Science Academy, New Delhi.

Chapters in Books:

1. Chapter^^jktuhfrd lapkj esa isM U;wt dh c<rh+ Hkwfedk^^ in the book "fganh i=dkfjrk % laHkkouk,¡ ,oa pqukSfr;k¡" laiknd MkW- xksfoan th ik.Ms;] gsekfnz izdk"ku]fnYyh,2014
2. Chapter tulapkj ek/;e vkSj tu&psruk " in the book "fganh i=dkfjrk % laHkkouk,¡ ,oa pqukSfr;k¡ laiknd MkW- xksfoan th ik.Ms;]gsekfnz izdk"ku] fnYyh ,2014

Research Papers Published:

1. "Freedom of Media: For Profit Making or For Public Good" in "Communication Today" July-Sept.,2014, Jaipur.
2. "Gender Equality, Mass Media" in ""kksèk lap;u" 15 tqykbZ] 2014] New Delhi.
3. "Hindi Cinema Ka Itihas Aor Vikas: Samajik Sarokaro ke Vishesh Sandarbh Mein" in "Anukriti" April- June, 2014, Varanasi,

Books Published:

Published one book on "ohfM;ks izksMD"ku % izfØ;k ,oa fl)kar", **Anamika Publishers, New Delhi, 2014-15.**

2. Dr. Govind Ji Pandey

Research Papers Published:

International with impact factor September 2014	22.Social Movements and digital story telling: Challenges and Prospects in India, Media Watch, An International peer reviewed research journal with an impact factor of 3.276
July- September 2014	23-Lkeqnkf;d jsfM;ks dk 'kgjh {ks= esa vkSfpR;& ,d fo"ys"k.k ¼fnYyh ds fo'ks'k lanHkZ esa½] vuqd`fr] baVjus'kuy ih;j fjO;wM fjlpZ tjuy- ¼ xksfoan ik.Ms; vkSj lk/kuk JhokLro ½
July- September 2014	24-Hkkjrh; fQYeksa esa rok;Qksa dh ijEijk ,oa mldk cnyrk Lo:i] "kks/k n`f'V] baVjus'kuy ih;j fjO;wM fjlpZ tjuy- ¼ xksfoan ik.Ms; vkSj v:u dqekj ½
January-March, 2015	A Study to Analyze the Political Affiliation of Youth in Lucknow. Shodh Drishti (An International Refereed Research Journal), Neelu Sharma and Dr. Govind ji Pandey Vol. 6, No. 1, ISSN : 0976-6650

Articles published:

1) Free Speech Vs offending social, religious beliefs (Hindustan Times)

2) Effective Policing, speedy trial can minimize rape cases (Hindustan Times; April 6, 2015)

3) Tobacco- A Silent and Deadly Killer (Hindustan Times; June 2nd , 2015)

Books Published:

Published one edited book onfganh i=dkfjrk % laHkkouk,¡ ,oa pqukSfr;k¡" gsekfnz izdk"ku]fnYyh,2014

Session Chaired in Seminar, Workshops:

13-14 February 2015	Invited to chair a session in a national seminar on Inclusive growth of minority women through ICT organized by Khawaja Moinudding Chishti, UF University, Lucknow

3. Dr. Mahendra Kumar Padhy

Qualifications: M.A.(Economics), M.Phil (Economics)

MJMC, M.Phil in J& MC, Ph.D (J&MC), JRF, NET.

D.Litt. in J&MC (Presently pursuing the degree).

Area of specialization: Advertising, Public Relations, Development Communication and Environmental Communication Research.

E.Mail: m.padhy2008@gmail.com

I. Academic Activities:

Award/Honours achieved:

1. Receipient of UGC Research Award awarded by UGC, New Delhi, 2014-16.
2. Awarded Member of the International Review Board, International INSITE Conference, Florida, USA, 2015.

Books Published:

Published one edited book on "Green Communication and Sustainable Development: Prospects and Challenges, Shroff Publishers, Mumbai, 2015.

Research Papers Published:

National:

1. Facebook Advertising: Consumer Privacy and Perceptions, Journal of Communication Today, July-Sept,2014.
2. Sustainable Green Communication: Indian Context, Journal of Communication Today, Oct.-Dec.-2014.
3. **Conceptualizing an effective Green Communication Strategy for social Development Sustainability: an Empirical Study with special reference to Koraput Disttrict of Odisha,** Green Communication and Sustainable Development: Prospects and Challenges, Shroff Publishers, Mumbai, 2015
4. **Role of Green Advertising for Sustainable Development: a Study with special reference to India,** Green Communication

and Sustainable Development: Prospects and Challenges, Shroff Publishers, Mumbai, 2015(Second Author)

5. **Particpated and presented a lecture at Centre for Media, Culture and Governance, Jamia Millia and Islamia, New Delhi as invited resource person.**

International:

1. Communication through Advocacy Advertising for public Helath Promotion, Media Watch, An International Impact factor Journal (Impact Factor 3.2), January,2015.

Paper Presented in Seminar/Conferences/ workshops:

International:

1. Green Communication Policy for Social Sustainable Development: A Participatory Approach, Dept. of Political Science,BBAU, Lucknow. 22-23rd Mar.,2014,
2. Media Policy for Development Sustainability:A Theo. Perspective, BRIDGES 2015,BBAU, Lucknow, Jan. 2015

National:

1. Women in Advertising: Reflections or Creation of Social Values , Dept. of Sociology, BBAU, Lucknow, Nov-11-12,2014
2. Motivational Commn. Strategy for Dev. Sustainability, Brahmakumari Vishwavidyalaya, Mount Abu, Rajastan, Sept.19-23th,2014
3. Science Commn.Policy for Dev. Sustainability: The Indian Perspective, Indian Science Writers Congress, Indian National Science Academy, New Delhi, Dec.25-29,2014.
4. Media Policy for Dev. Sustainability, Dept. of J& MC, BBAU, Lucknow, Jan.28th-29th 2015.

Organising National Seminar/Workshop:

1. Organized one National Seminar as Convener on "Green Communication and Sustainable Development: Prospects and Challenges" Jan. 28th-29th, 2015.

Research Projects:

1. Minor research project on Media and Environment awarded by BBAU under UGC minor research project schemes, Total Budget.1.30 lakhs, Status: Ongoing.
2. Pursuing Post Doctoral Research awarded by UGC, New Delhi, 2014-16.

Research Guidance(M.Phil /Ph.D Awarded):

Produced Two Ph.D, (Mr. Ravi Surya Vanshi (2014) and Swatantra Kumar(2015).)

1. Produced Five M.Phil in 2014.

Membership in Government and Other Bodies:

1. Life Member, Indian Science Congress, Kolkatta.
2. Life Member, Indian Science Writers Association, New Delhi.
3. Life Member, Indian Institute of Public Administration, New Delhi.

Examination related responsibilities:

1. Paper setter and Examiner for Allahabad University, Meerut University, Kanpur University, Aligarh Muslim University, Urdu Farshi University.

4. Dr. Rachana Gangwar

Seminar/Workshop:

1. National workshop **"Research Methodology and Project Writing"** dated February 9-14, 2015 in Babasaheb Bhimrao Ambedkar University
2. National Seminar **"Green Communication and Sustainable Development: Prospects and Challenges"** as a Convener dated January 28-29, 2015

Chapters in Books:

1. Chapter (Joint) ''हिंदी पत्रकारिता की चुनौतियाँ in the book हिंदी पत्रकारिता : संभावनाएँ एवं चुनौतियाँ संपादक डॉ. गोविंद जी पाण्डेय, हेमाद्रि प्रकाशन, दिल्ली 2014.

Research Papers Published:

1. शैक्षिक कार्यों में इन्टरनेट की भूमिका -एक अध्ययन ए शोधवाणी, Sep-Dec,2014.(Joint Paper)
2. आदिवासी विकास हेतु पत्रकारिता की आवश्यकता Vaichariki, Dec-2014. (Joint Paper)

SCHOOL FOR LEGAL STUDIES

Dean of School: Prof. Priti Saxena

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.

I. DEPARTMENT OF HUMAN RIGHTS

Introduction

Department of Human Rights conducts post-graduate teaching and research programmes in the areas relating to Human Rights and Law and aims at recommending appropriate measures for enforcing human rights and securing ends of justice through legal and democratic processes.

Presently, the department is running Ph.D., LL.M. in Human Rights 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 2014-15 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) which is started from session 2014-15 is 08.

In Ph.D. course there is a one semester Pre-Ph.D. Research Course Work for the scholars. Besides Research Methodology as a compulsory paper the scholar has to opt one optional paper which also consists of the review of literature, out of five options running in the Department.

LL.M. course consists of four semesters spanning in two years. Students have to opt four papers in each semester. These papers cover many local, national regional and global curriculums. The syllabus of LL.M. course has an inter-disciplinary approach. The LL.M. course is in tune with the prime concerns of legal aid, advocacy, social justice, community services and governance.

The students are encouraged to apply their knowledge of the subject in the real life situations. Besides dissertation writing on relevant issues of human rights and law, the students have to present ten seminars (one Mega Seminar based on empirical study) on different topics covering many national regional and global issues of law and human rights as a compulsory part of the course work in the Third Semester.

B.B.A. LL.B. (Hon) course consists of ten semesters spanning in five years. The syllabus of B.B.A. LL.B.(H) course is inter-disciplinary in approach. Its objective is to create lawyers professionally competent, technically sound and socially relevant.

Objectives of the Department

The objectives of the Department are:-

- to undertake study of the constitutional, legal, socio-economic and political dynamics of human rights and governance issues in India and the world;
- to recommend remedies to alleviate human rights violations through legal and democratic processes;
- to create lawyers professionally competent, technically sound and socially relevant.

- The academic programmes are designed to analyse the theoretical, empirical and clinical issues concerning law, governance and human rights.

Infrastructural Facilities

- The Department is housed in School for Legal Studies Building.
- The Building is Wi-Fi connected.
- Two Classrooms, one Smart classroom, one legal aid room and one Conference hall.
- Head's Chamber and 06 faculty chambers
- Girls' common room, multipurpose hall, One Computer lab and Library at School level.
- Computers have been provided to all the teachers.
- Three LCD projectors and one Laptop are available for students' classes and conference hall.
- Xerox Machine along with required furniture is also available in the Department.
- Construction of Moot Court is in progress.

Vision

- 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 Profile (Teaching & Research)

Department has two Professors, one Associate Professor and two Assistant Professors at present. One post of Assistant Professor is vacant and in the process of selection. Faculty Members are drawn from the disciplines of Law, Political Science and Human Rights.

Profile of Faculty Members

Sr. No.	Name	Designation	Qualification	Experience	Specialization
1	S.K. Bhatnagar	Professor	LL.M., Ph.D. in Law	Teaching & Research Since 11 Sept. 1978	Human Rights; Constitutional Law & Jurisprudence
2	Priti Saxena	Professor	LL.M., Ph.D. in Law	Teaching & Research Since 18.11.1991	Constitutional Law, Administrative Law and Torts
3	Preeti Misra	Associate Professor	LL.M., LL.D.	Teaching & Research Since 20 Sept. 1999	Criminal Law, Women& Law, Intellectual Property Law & Family Law
4	Shashi Kumar	Asst. Professor	M.A(Political Science) Ph.D. in (Political Science)	Teaching & Research Since 19 August 1997	Human Rights, Indian Politics & Law Political Theory
5	Rashida Ather	Asst. Professor	M.A (Human Rights) Ph.D. (Human Rights)	Teaching & Research Since 20 Nov. 2008	Child and Women Rights, IHL

Department Level Academic Activities

- Dr. Shashi Kumar is working on "Caste Discrimination and Human Rights Violation Against Dalits (A Case Study of Unnao District in UP) Research Project awarded by ICSSR
- Seminar, Lectures and other activities (in figure) during the year

Seminar/ Conference participated by Faculty		Seminar/Conference/ Lectures Organized by Department		Research Paper Presented by Faculty		Research Paper Published by Faculty		Book Published by Faculty/ edited books	
National	Inter-national	National	Inter-national	National	Inter-national	National	Inter-national	National	Inter-national
16	03	14 Lecture 02 Conferences	Nil	05 Lectures by Prof SKB			-		-

Other Activities

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. Shashi Kumar Dr. Preeti Misra 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. The Department has organised one National Seminar on October, 13-14, 2014 and co-organised one National Seminar on February, 2, 2015, with School for Legal studies.

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. Mr. Manobhaw Kaushik, 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. Department Of Human Rights, organised a Legal Aid Clinic, in Village Aurangabad, Jageera, Lucknow, U.P. on 20th November, 2014.

Sl. No.	Date	Lecture delivered by	Designation
1.	07/4/2014	Prof. R.K.Choubey	Faculty of Law, University of Allahabad
2.	14/4/2014	Prof. Manik Chakraborty	Dean & Head, Law Faculty, Burdwan University
3.	03/6/2014	Prof. S.S. Singh	Vice Chancellor National Law University, Bhopal
4.	06/6/2014	Prof. I.G. Ahmad	Ex. Dean & Head, Law Faculty, Calcutta University, Kolkata
5.	2014	Prof. A. K. Bansal	Dean & Head, Faculty of Law, University of Delhi
6.	13/10/2014	Prof. Manoj Kumar Sinha	Director , Indian Law institute, Delhi
7.	13/10/2014	Hon'ble Justice Tarun Chatterjee	Chairperson, State Human Right Commission, Lucknow, Former Judge , Supreme Court of India
8.	13/10/2014	Prof. Amar Pal Singh	Professor, Dr. R.M.L. National Law University, Lucknow
9.	14/10/2014	Prof. R.R. Lyall	Dean & Head, Faculty of Law, Lucknow University
10.	14/10/2014	Justice Kamleshwar Nath	Judge (Retd.), Allahabad High Court, Lucknow Former Chairman CAT
11.	02/02/2015	Prof. R. N. Chaudhary	Emeritus Professor(Law), Gorakhpur University, Gorakhpur
12.	02/02/2015	Justice Ajit Bharihoke	Member, National Consumer Dispute Redressal Commission, Delhi
13.	02/02/2015	Dr. B. C. Gupta (IAS)	Member, National Consumer Dispute Redressal Commission, Delhi
14.	19/02/2015	Prof. Shubhash Chandra Singh	Dean, Dept. of Law, Assam University, Silchar

Sl. No.	Name	Title	Supervisor	Status
5.	Mr. Surendra Kr. Rai	"Human Rights of Migrant Workers: A Socio- Legal Study in the National And International Perspectives."	Prof. S.K. Bhatnagar	Awarded
6.	Mr.Pradeep Kumar	"Medical Autonomy, Consumerism and Law: A Study with Special Reference to Medical Negligence."	Prof. Priti Saxena	Awarded
7.	Mr. Raj Kumar	A Socio-Legal Study of TB Patients not responding to DOTS with Reference to National & International Norms & Standards of Human Rights	Prof. Priti Saxena	Awarded

13th – 14th October 2014	**"Globalization, Law & Protection of Human Rights: Issues & Challenges"**	**Two Days National Seminar**
10th December 2014	"Human Rights For All"	One day National Seminar
2nd February 2105	"Rights of Consumers: Law and Policy"	One Day National Seminar

3. Wall Magazine:

The Department has a Wall Magzine Committee with Prof. S.K. Bhatnagar as its Chairperson and Prof. Priti Saxena, Mr Mukesh Bharti Research Scholar, Convenor of Committee, Mr Rajeev Kumar Singh, Mr. Munish Swaroop and Taku Maji Research Scholars and Urooz Fatima, P.G. students as members. The efforts of the Committee is to gather the knowledge from all nooks and corners from the legal experts, D.H.R. teachers and students and at the same time to disseminate the same back to the students for their benefit. The purpose of the wall magazine is to come out with new ideas and theories to improve and to add the knowledge. The contribution to this magazine is presently confined to faculty members, research scholars, and students of the DHR. The matter are displayed in four sections on the Wall Magazine-

1. **Publication-** The publication of abstracts and Research Papers.
2. **Legal Updates-** Daily news related to legal issues/ supreme Court judgements published in Newspapers/websites

3. **Students' achievements-** information about students winning and participating in various competitions.

4. **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.

C. Academic Activities of the Faculty

C.1 Awards/Honours/Fellowship Achieved

1. Dr. Preeti Misra Certificate of Appreciation conferred by BBAU for publishing research work.
2. Dr. Preeti Misra Organizing Director of National Seminar organized by AIRO and Lucknow Law College, University of Lucknow on the theme "Society, State, Law and We the People of India" held on 12th &13th November, 2014
3. Dr. Preeti Misra Organizing Director of One Day Symposium on International Women's Day "Women Empowerment and Dehumanizing Society – Emerging Challenges" organized by All Indian Rights Organization and Radhe Shyam Degree College, Lucknow on 8th March 2015
4. Dr. Preeti Misra Editor of Souvenir of National Seminar organized by AIRO and Lucknow Law College, University of Lucknow on the theme "Society, State, Law and We the People of India" held on 12th &13th November, 2014
5. Dr. Shashi Kumar Raman Post-Doctoral Fellowship to US 2014-15 awarded by UGC

C.2 Books / Edited Books / Monographs (s) with details of title,

1. Dr. Preeti Misra, "Copyright Law in India: An analysis of Original Literary Work and Remedies Available on Copyright Infringement" in "Intellectual Property Rights- A Prismatic View" (ed.) Dr. S.C. Roy, Radha Publications, New Delhi, 2014 pp23-39 (ISBN No. 81-7487-924-2)
2. 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)

C.3 Book(s) chapter with details of title, editor's name, publisher

1. Prof. S. K. Bhatnagar
2. Prof. Priti Saxena
3. Dr. Preeti Misra,

C.4 Articles /paper in journal(s) {only published and accepted articles/papers}

1. Dr. Preeti Misra, Good Governance and Protection of Human Rights: A Development Challenge in International Journal of Innovative Social Science & Humanities Research, Vol.(2) Issue 1 March 2015, CSIRS Publication, Lucknow (ISSN No. 2349-1876)
2. Dr. Preeti Misra, Rights of Scheduled Tribe in India: Challenges and Problems in International Journal of Innovative Social Science & Humanities Research, Vol.(2) Issue 1 March 2015, CSIRS Publication, Lucknow (ISSN No. 2349-1876) (Co-author)
3. Dr. Preeti Misra, "Role of Forensic Science in Combating Crime Against Women" in Law Exam Times- National Law Quarterly, Mahaveer Publications, Vol.5, 2014 pp 13-16 (ISSN 2319-9121)
4. Dr. Preeti Misra, "Salient Features of the Protection of Children Against Children Offences Act, 2012" in Law Exam Times-National Law Quarterly, Mahaveer Publications, Vol. 6&7, 2014 pp 33-35 (ISSN 2319-9121)
5. Dr. Preeti Misra, "Emancipation of Woman from Domestic Violence Requires Changes at the Structural Level", in Findings in Research- A Socio-Legal On Line Journal, July-Dec. 2014, Published by Naina Dayal Foundation, Lucknow (ISSN 2349-0276)

6. Dr. Rashida Ather, Bhartiya Janjatoiyon ke Sandarbha me Swasthya Ke Adhikar Ka Adhyayan", in Naee Dishaen, (no. 11), 2014, ISSN NO. 0973-7596, National Human Rights Commission, New Delhi on the eve of International Human Rights Day

7. Dr. Rashida Ather, Protection of Children's Right to Education in International Legal Framework: Study of United Nations Human Rights System in Civil and Military Law Journal, ISSN NO.0045-7043, January-March, 2015 New Delhi

C.5 Lectures delivered/Resource Person

1. Prof. S. K. Bhatnagar, Delivered Lectures on 'Constitutionalism' and 'Constitutional Interpretation' in the Refresher Course organized by the Academic Staff College, Lucknow University on June14, 2014.

2. Prof. S. K. Bhatnagar, Delivered Lectures on 'Constitutionalism' to LL.B. students of the Tamil Nadu Dr. Ambedkar Law University, Chennai on April 25, 2014.

3. Prof. S. K. Bhatnagar, Delivered Lectures on 'Critical Legal Studies' to LL.M. students of the Centre for Excellence in Law of the TN Dr. Ambedkar Law University, Chennai on April 26, 2014.

4. Prof. S. K. Bhatnagar, Delivered the Valedictory Address in the National seminar on "Indian Constitution: A Precursor of Modern India" organized by the Department of Law, Indira Gandhi University, Rewari on March 21, 2015.

5. Priti Saxena, delivered as Resource Person on, **"The Exactitude of Affirmative Action in India and the Woman at Receiving Hand:"** in National Seminar on "Affirmative Action: Women & Law", organized by Faculty of Law, University of Lucknow on 4th May 2014.

6. Priti Saxena, as a Panelist on "**Legal Perspective of Development Challenges"** in **National Social Science Conference-2014 organised by** Babasaeb Bhimrao Ambedkar University Lucknow **in Academic collaboration with ASEDS on 16-17 December, 2014 on** Development Challenges in Developing Nations during Post Globalization Period: Social Science Perspective on 16th December, 2014.

7. Priti Saxena, delivered Theme Paper in One Day National Seminar on February 2nd 2015 on **"Rights of Consumers: Law and Policy"** organized by School for Legal Studies, BBAU, Lucknow

8. Dr. Preeti Misra, Special Lecture in Akbari Law College, Lucknow on "Child Rights in India" 20 September 2014

9. Dr. Preeti Misra, Invited Lecture in Lucknow Law College, Lucknow on "Sexual Harassment of Women at Workplace" 07 February 2015

10. Dr. Rashida Ather, Delivered a lecture on Understanding Human Rights: A Need for Everyone , in Department of Oriental Studies in Arabic and Persian, University of Lucknow, Lucknow held on 14, February, 2015

C.6 Membership in various government and other bodies (out of BBAU)

1. Member of Faculty Board in Law, Allahabad University, Allahabad.

2. Member of Board of Studies in Law, DDU Gorakhpur University, Gorakhpur.

3. Special Invitee, Board of Studies in Law, Indira Gandhi University, Rewari.

4. Prof. Priti Saxena, Life Member Indian Law Institute, New Delhi

5. Prof. Priti Saxena, Life Member Indian Institute of Public Administration, New Delhi

6. Prof. Priti Saxena, Member Editorial Board, Vidhi Sahitya Prakashan, Ministry of Law & Justice, Legislative Department, Govt. of India, New Delhi

7. Prof. Priti Saxena, Life Member Indian Association for Social Sciences and Health (IASSH)

8. Prof. Priti Saxena, Member Board of Studies in Law, Desh Bhagat University, Panjab

9. Prof. Priti Saxena, Member Advisory Board, Shodh Prerak, A Multidisciplinary Quarterly International Refereed Research Journal, ISSN 2231 – 413X

10. Prof. Priti Saxena, Member Editorial Board, Shodh Pravah, A Refereed Research Journal, (ISSN 2231 - 4113)

11. Prof. Priti Saxena, Chief Editor Journal for Legal Studies An International Journal of Legal Studies (ISSN 2321-1059)
12. Dr. Preeti Misra, Life member of Indian Society of Criminology (ISC), Chennai
13. Dr. Preeti Misra,Life member of Indian Society of Victimology (ISC), Chennai
14. Dr. Preeti Misra,Life member of Indian Association For Social Sciences and Health, (IASSH), Bombay
15. Dr. Preeti Misra,Life Member of Council for Peace, Democracy And, Cultural Diversity, Morena, M.P (Membership No. L85)
16. Dr. Preeti Misra,Life member of Vidhi Bharti Parishad, New Delhi,
17. Dr. Preeti Misra,Ordinary member of Indian Law Institute, New Delhi, (Membership No. O 4089)
18. Dr. Preeti Misra,Associate member of Indian Society of International Law. New Delhi,
19. Dr. Preeti Misra,Member Board of Studies, Centre For Women Studies, Aligarh Muslim University, Aligarh
20. Dr. Preeti Misra,Honorary Member, Naina Dayal Foundation NGO (Registered), organising awareness and sensitization programmes on HIV/AIDS and Human Rights issues.
21. Dr. Preeti Misra,Vice President, Indian Association of Social Scientists (Registered), An association to further the cause of Academics in the Society
22. Dr. Preeti Misra,Member of Editorial Board of "The Legal Analyst" published from Varanasi
23. Dr. Preeti Misra,Associate Editor of The Social Ion (An International Refereed Journal), Published by Pt. Govind Mohan Misra Smriti Sansthan, Lucknow
24. Dr. Shashi Kumar, Indian Academy of Social Science
25. Dr. Shashi Kumar, Peoples Union of Civil liberties
26. Life Member, Indian association for Social Sciences and Health
27. Life Member, All India Rights Organisation (AIRO), Lucknow
28. Member of Institutional Ethics committee for stem cell research and therapy, Department of Stem cell and regenerative medicine, Sushma Hospital, Lucknow

C.7 Papers presented in seminars/ conferences/workshops etc.

Paper Presented In International Conference:

1. Prof. Priti Saxena Presented a Paper on "Protection of Human Rights and Social Justice: Judicial Obligation or Judicial Activism" in International Conference on "Human Rights Law, Justice and Governance" on 26 & 27 April 2013 organized by School For Legal Studies, Babasaheb Bhimrao Ambedkar University, Lucknow.

Paper Presented In National Seminar:

1. Prof. Priti Saxena, Presented a paper on "Protection of Human Rights and Globalisation: Legal Challenges" the National Seminar on **"Globalization, Law & Protection of Human Rights: Issues & Challenges" o**rganized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on 13th -14th October2014
2. Prof. Priti Saxena, Presented a paper on National Seminar on **"Appointment and accountability of Judge in India Appointment and accountability of Judge in India**" organized by Department of Law, School for Legal Studies, BBAU, Lucknow on13th -14th November 2014
3. Prof. Priti Saxena, Presented a paper on "Declaration of Laws by Undeclared Courts: Some Issues" in **National Social Science Conference-2014 organised by** Babasaeb Bhimrao Ambedkar University Lucknow **in Academic collaboration with ASEDS on 16-17 December, 2014 on** Development Challenges in Developing Nations During Post Globalization Period: Social Science Perspective.
4. Prof. Priti Saxena, Presented a paper on "**Environmental Protection and Role of Media"** in two days National seminar on Green Communication & Sustainable Development: Prospects and Challenges organized by Department of Journalism & Mass Communication, BBAU, Lucknow on 28-29 January, 2015.

5. Dr. Preeti Misra, "Large Projects in India: A Potential Threat to the Environment" in National Seminar on the theme Globalisation, Law & Protection of Human Rights : Issues and Challenges organized by Dept. of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow on 13-14 October, 2014 (Co-presenter)

6. Dr. Preeti Misra, "Discourse on Gender Discrimination and Inequality in India With Special reference to Sexual Minorities" in National Seminar on Gender Discrimination and Inequalities in Contemporary India : Status, Causes and Solutions organized by Dept. of Sociology, Babasaheb Bhimrao Ambedkar University, Lucknow on 11-12 November 2014(Co-presenter)

7. Dr. Preeti Misra, "Current Issues in Criminal Justice Administration & Role of We the People of India" organized by AIRO and Lucknow Law College, University of Lucknow on the theme "Society, State, Law and We the People of India" held on 12th &13th November, 2014

8. Dr. Preeti Misra, "Role of Judiciary in Rehabilitation and Resettlement Policy in Land Acquisition : A Critical Study With Human Right Approach" in National Seminar on the theme "Appointment and Accountability of Judges in India" organized by Dept. of Law, Babasaheb Bhimrao Ambedkar University, Lucknow on 13-14 November 2014(Co-presenter)

9. Dr. Preeti Misra, "Judiciary vs. Empowerment of Women With Reference to Domestic Violence Against Women in India" in National Seminar on the theme "Empowerment of Women in India: Opportunities and Challenges organized by Department of Law, K .S. Saket P.G. College Ayodhya on 22 November, 2014

10. Dr. Preeti Misra,Paper Presented in One Day Symposium on International Women's Day "Women Empowerment and Dehumanizing Society – Emerging Challenges" organized by All Indian Rights Organization and Radhe Shyam Degree College, Lucknow on 8th March 2015

11. Dr. Preeti Misra, "Land Acquisition in India after Post Globalization: A Study With Special reference to the Right to Fair Compensation and Transparency in Land Acquisition, Resettlement and Rehabilitation Act 2013" in National Social Science Conference-2014 on the theme "Development Challenges In Developing Nations During Post Globalization Period : Social Science Perspective" held on 16-17 December, 2014 in BBAU, Lucknow (Co-presenter)

12. Dr. Preeti Misra, "Good Governance and Protection of Human Rights: A Development Challenge" in National Social Science Conference-2014 on the theme "Development Challenges In Developing Nations during Post Globalization Period: Social Science Perspective" held on 16-17 December, 2014 in BBAU, Lucknow.

13. Dr. Preeti Misra, "Green Communication & Protection of Human Rights in India" in National Seminar on "Green Communication & Sustainable Development : Prospects and Challenges" Organized by Dept. of Journalism & Mass Communication, BBAU Lucknow

14. Dr. Preeti Misra, "Temporary Agenda in Indian Politics & LGBT Rights: A Case Study of General Election 2014" in National Seminar on "Emerging Trends and Dynamics in Indian Politics" Organized by Dept. of Political Science, BBAU, Lucknow (Co-presenter)

15. Dr. Shashi Kumar, Presented a paper entitled,"Globalisation, and protection of Human Rights in India: Issues and Challenges" in Two –days National Seminar on "Globalisation, law and Protection of Human Rights in India: Issues and Challenges" organized by Department of Human Rights, BBAU on October 16-17, 2014

16. Dr. Shashi Kumar, Presented a paper entitled, " Indigenous Knowledge and Indigenous Community in India: A Study in Human Rights Perspective", in National Social Science Congress, organized by BBAU, Lucknow on December 2014

17. Dr. Rashida Ather, Presented a paper on Human Rights of Elderly Persons in India in National Seminar organised by All India Rights Organisation (AIRO) Rights in association with Indian Association of Social Scientists and Lucknow Law College, Lucknow University, Lucknow on the

theme of "Society, State, Law and We the People of India" held on 12 -13 November, 2014

18. Dr. Rashida Ather, Co Presenter of a paper on Enforcement of Human Rights through Supreme Court in India in two days National Seminar organised by Department of Law, BBA University, Lucknow, on the theme of " Appointment and Accountability of Judges India", held on 13 -14 November, 2014

19. Dr. Rashida Ather, Presented a paper on Human Right to Shelter in India: Status, Causes and Possibilities in two days National Seminar organised by Department of Human Rights, BBA University, Lucknow, on the theme of "Globalisation, Law and Protection of Human Rights: Issues and Challenges", held on 13-14 October, 2014

20. Dr. Rashida Ather, Presented a paper on Gender Inequality in India with Special Reference to the Rights of Transgender in Two days National seminar , organised by Department of Sociology, BBA University, Lucknow on the theme of "Gender Discrimination and Inequalities in Contemporary India: Status, causes and Solutions", held on 11-12 November, 2014

21. Dr. Rashida Ather, Presented a paper onOpportunities and Challenges of Women's Political Participation in Indiain National seminar, organised by Department of Law, K. S. Saket P. G. College, Ayodhya, Faizabad, U.P. on theme of Empowerment of Women in India: Opportunities and Challenges held on 22 November, 2014

22. Dr. Rashida Ather, Presented a with Radhe Shyam Degree College, Lucknow University, Lucknow on the theme of " Women Empowerment and Dehumanising Society-Emerging Challenges" held on 08 March paper in One Day Symposium organised by All India Rights Organisation (AIRO) Rights in association, 2015

23. Dr. Rashida Ather, Presented a paper on Discrimination Still Continues: A Study of Women Political Representation in India in two days National Seminar organised by Department of Political Science, BBA University, Lucknow on the theme of " Emerging Trends and Dynamics In Indian Politics" held on 21-22 March, 2015

24. Dr. Rashida Ather, Presented a Paper on Right to Consumer Education in India: Problem and Prospects in one day National organised by School for Legal Studies, BBAU, Lucknow on the theme of Rights of Consumers: Law and Policy, held on 2 February, 2015

C.8 Session chaired at seminars/ conferences/workshops etc.

1. Prof. S. K. Bhatnagar, Presided a Technical Session in the National seminar on "Indian Constitution: A Precursor of Modern India" organized by the Department of Law, Indira Gandhi University, Rewari on March 21, 2015.

2. Prof. Priti Saxena, Chaired a Technical Session in National Seminar on **"Affirmative Action: Women & Law"** organized by Faculty of Law, University of Lucknow, on 4th May 2014.

3. Prof. Priti Saxena, Chairperson of the National Seminar on **"Globalization, Law & Protection of Human Rights: Issues & Challenges" o**rganized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on 13th -14th October2014

4. Prof. Priti Saxena, Chaired a technical Session on Women and Right to Education India Gender Discrimination And Inequality in Contemporary India: Status, Causes and Solutions National Conference organized by Department of Sociology, BBAU on 11th-12th November 2014

5. Prof. Priti Saxena, Patron of the National Seminar on **"Appointment and accountability of Judge in India Appointment and accountability of Judge in India**" organized by Department of Law, School for Legal Studies, BBAU, Lucknow on13th -14th November 2014

6. Prof. Priti Saxena, Chaired a technical Session on 17 December, 2014 in **National Social Science Conference-2014 organised by** Babasaeb Bhimrao Ambedkar University Lucknow **in Academic collaboration with ASEDS on 16-17 December, 2014 on** Development Challenges in Developing Nations During Post Globalization Period: Social Science Perspective

7. Prof. Priti Saxena, Chaired a technical Session on 29th January, 2015 in two days National seminar on Green Communication & Sustainable Development: Prospects and Challenges organized by Department of Journalism & Mass Communication, BBAU, Lucknow on 28-29 January, 2015,

8. Dr. Preeti Misra, Chaired a Session in National Seminar on the theme United Nations and World Peace : Achievements, Failures and Reforms Organized by Amity Law School, Lucknow on 25 September 2014

9. Dr. Preeti Misra,Chaired a Session in National Seminar on the theme Globalisation, Law & Protection of Human Rights : Issues and Challenges organized by Dept. of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow on 13-14 October, 2014

10. Dr. Preeti Misra,Chaired a Session in National Seminar on the theme "Society, State, Law and We the People of India" organized by All Indian Rights Organization (AIRO) in association with Indian Association of Social Scientists & Lucknow Law College, University of Lucknow on 12 November, 2014

11. Dr. Preeti Misra,Chaired a Session in National Seminar on the theme "Empowerment of Women in India: Opportunities and Challenges organized by Department of Law, K .S. Saket P.G. College Ayodhya on 22 November, 2014

12. Dr. Preeti Misra,Chaired a Session in One Day Symposium on World AIDS Day organized by All Indian Rights Organization (AIRO) and Radhey Shyam Degree College, Gangaganj, Lucknow on 1 December 2014

13. Dr. Preeti Misra,Chaired a Session in National Seminar on the theme Rights of Consumers : Law and Policy organized by Dept. of Human Rights, Babasaheb Bhimrao Ambedkar University, Lucknow on 2 February, 2015

14. Dr. Preeti Misra,Chaired a Session in One Day Symposium on International Women's Day on the Theme "Empowerment of Women and Dehumanizing Society-Emerging Challenges"organized by All Indian Rights Organization (AIRO) and Radhey Shyam Degree College, Gangaganj, Lucknow on 8 March 2015

15. Dr. Shashi Kumar, Chaired the Technical Session inTwo –days National Seminar on "Globalisation, law and Protection of Human Rights in India: Issues and Challenges" organized by Department of Human Rights, BBAU on October 16-17, 2014

16. Dr. Rashida Ather, Chaired a session in National Seminar, on theme of United Nations and World Peace: Achievements, Failures and Reforms in United Nations, organised by Amity Law School, Lucknow Campus, Lucknow, held on 24-25 September, 2014

17. Dr. Rashida Ather, Co- Chaired a session in two days National Seminar organised by Department of Human Rights, BBA University, Lucknow, on the theme of "Globalisation, Law and Protection of Human Rights: Issues and Challenges", held on 13-14 October, 2014

18. Dr. Rashida Ather, Co- Chaired a session in one day National seminar, organised by School for Legal Studies, BBAU, Lucknow on the theme of Rights of Consumers: Law and Policy, held on 2 February, 2015

Research Guidance

1. Dr. Preeti Misra, Jageshwar Nath Singh – Socio-Legal Status of Women in Post Independent India: Human Rights Perspectives (Submitted, 2 June 2014)

Centre of Post Graduate Legal Studies

CPGLS: Prof. Priti Saxena

Centre of Post Graduate Legal Studies established under School for Legal Studies in 2013 started functioning from the session2013-14 to offer One Year LL.M. Degree as per UGC Guidelines. The intake is 20. The senior faculty members of Department of Human Rights and Department of Law under School for Legal Studies teach in the centre. Presently Three Groups i.e. Constitutional and Administrative Law, Corporate and Commercial Law and Intellectual Comparative Law are running in the Centre. The object of the course is to promote good academicians, corporate lawyers and Masters in International ethics. The Students of the centre are also benefitted by the special lectures delivered by visiting faculties, guest faculties and internal faculties.

II. DEPARTMENT OF LAW

About the Department

The Department of Law started from Session 2008-09 within the School for Legal Studies offering four-Semester LL.M and Ph.D. programmes in Law. The main objective of the Department is to impart quality legal education and to prepare the students for socially responsible, make them self-employed, and well-placed in Supreme Court of India, High Courts, national and international organizations, non-governmental organizations, reputed corporate law firms, multi-national corporations, Banks and Bar. The objective is also to give them skills to develop art of advocacy and Para-logic for any social issues relating to the present day problem. During the course, emphasis is also given to acquaint the students with modern areas of law such as Intellectual Property law, environmental law, Law and Sustainable Development, Law and Bio-technology, Information Technology Law, ADR and Arbitration Law, Cyber Laws, International Trade Law etc. Further constant efforts are made to develop a taste amongst the students in the current areas of national international issues relating to climate change and disarmament (nuclear weapons) are deliberated in Seminars and Conferences with the objective to sharpen their argument and develop legal reasoning.

Objective

- To evolve and impart comprehensive legal education and to achieve excellence.
- To produce able, competent and humane, Teachers, lawyers, social activist, judicial officers, legal adviser in governmental and non-governmental organization.
- To promote advance studies and research in all branches of law
- To inculcate cultural, legal and ethical values with a view to foster the rule of law and the objective enshrined in the constitution of India.
- To empower the citizen through legal awareness by making them aware of their rights and duties.

The department is going to open different Centre's of excellence in area of Law and Governance, Environmental Law, Intellectual Property Law, Health Care Laws, ADR, Disaster Management and Law etc in coming future.

A. Departmental Level Academic Activities

1. **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*.

2. **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.

3. **Counselling, Guidance and Placement Cell:** Placement and Career Counselling Cell at the Departmental level was established to guide and supervise to the students for PCSJ, APO, and other competitive examinations.

4. **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.

Academic Profile (Teaching and Research)

Department has one Professor, one Associate Professor and three Assistant Professors at present. Faculty members are having different specialization in Law and thus enriching the inter-disciplinary, comprehensive and multi/ dimensional curriculum and research programme.

B. Faculty Details

Name	Designation	Qualification	Area of Specialization	Contact no.
Dr. Sudarshan Verma	Head, & Associate Professor	LL.M., Ph.D. (Kumaun University, Nainital)	Constitutional Law, Law of Torts, Administrative Law, Women and Law.	9415470836
Mrs. Sufiya Ahmed	Assistant Professor	LL.M. (NET-JRF)	Intellectual Property Law, Environmental Law, Criminal Law, Taxation, Family Law.	8765584209
Dr. Anis Ahmad	Assistant Professor	LL.M. (NET) Ph.D. (M.D.University Rohtak , Haryana)	Environmental Law, Jurisprudence, Intellectual Property Law, Alternative Resolution System.	9453287957
Dr. Pradeep Kumar	Assistant Professor	LL.M. (NET) Ph.D. (B.H.U. Varanasi)	Criminal Law, Intellectual Property Law, Administrative Law.	9451778682

C. Academic Details/ Activities

1. Conference, Seminars Organized by the Department

1) Organized two day National Seminar on Appointment and Accountability of Judges in India on 13t-14th Nov 2014. Inaugural Session, Chief Guest- Hon'ble Mr. Justice N.K. Mehrotra, Guest of Honor- Prof. P. Ishwara Bhat, Valedictory Session, Chief Guest- Prof. K.C. Joshi

2) Organized a one day National Seminar on Rights of Consumers: Law and Policy by School for Legal Studies, Babasaheb Bhimrao Ambedkar University Lucknow on 2nd February 2015.

2. Lectures organized by the Department:

1) Prof. Mir Mirraz Uddin Head and Dean University of Kashmir, delivered a lecture on, **10.04.2014.** on Criminal Justice System in India.

2) Prof. Prem Nath, Professor of Law, Punjab University,: delivered a lecture on , **27.04.2014.** on Constitutionality and Relevancy of Capital Punishment in India

3) Prof. Meenu Paul, Professor of Law, Punjab University, delivered a lecture on, **11.04.2014.**on Intellectual property Rights: Issues and Challenges.

4) Prof. Philippe Cullet, Professor of International and Environmental Law and Development of Centre at the School of Oriental and African Studies- University of Landondelivered a lecture on "Allocating Scarce Water toDifferent Uses: Challenges and Opportunities" on 26 August, 2014.

5) Prof. A.K. Bansal,Professor of Law, Dean & Head Faculty of Law, Center 1 Delhi University Delhi delivered a lecture on "Copy Right and some issues of fair use of materials in research work" on 1 Dec,2014.

6) Prof. S.D. Sharma, Professor of Law, Dean & Head Faculty of Law, Kumaun University Nainital, Campus Almora, delivered two lecture onLegal Research Methodology on 16th Dec 2014.

7) Prof. Subhash Singh, Professor of Law, Assam University, Silchar delivered two lectures on "Law, Science & Technology" on 20/02/2015.

3. Mini Seminarand 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 "Appointment of Judges to Higher Judiciary in India" on 29th August, 2014.

2) Organized a Mini Seminar "Corruption and Good Governance in India" on 26th September, 2014.

3) Organized a march-past in the University campus by students of Department of law on the occasion of National Law Day on 26th November 2014 on this occasion the

4) Organized a debate on "Indian Constitution after 68 the years of Independence".

5) Organized a Mini-Seminar on "Female Foeticide in India: Problems and Challenges" on 23rd Feb, 2015.

4. Legal literacy and cleaning programmes were organized by Community Legal Literacy and Consultancy/ Mediation Cell of the Department on the following dates and topics:

1) Organized a**literacy programmes on "**The Right to Information Act, 2005" on 8th May, 2014 in Aurangabad Jageer Village, Lucknoworganized by the Department of Law, SLS, BBAU, Lucknow.

2) Organized a**literacy programmes on "**Environmental Pollution and Right to Sanitation" on 28th Oct , 2014 in Aurangabad Jageer Village, Lucknoworganized by the Department of Law, SLS, BBAU, Lucknow.

3) Organized a**literacy programmes on "**Women's Right: Law and Policy" on 3rd Dec, 2014 in Khwajapur (Majra) of Aurangabad Jageer Village, Lucknow organized by the Department of Law, SLS, BBAU, Lucknow.

5. Workshops were organized by Departmental Placement Cell of the Department on the following dates and topics:

1) A workshop **was organized** on Personality Development on 27 August 2014

2) A workshop was organized on Career Counselling for Law Students on 09 Oct. 2014

5. Research Publications

Dr. Sudarshan Verma

1. Published a paper on "Privacy Right of LGBT and Media", in The Social ION (An International Refereed Journal Vol.3 No. 1, January-June 2014, ISSSN:2319-3581

Mrs. Sufiya Ahmed

1. Published a paper titled **"Commercial Surrogacy in India: A Law in the Making"** in***International Journal of Society and Humanities,*** July to December 2014, Vol-5, No-1.

2. Published a paper titled **''जम्मू और कश्मीर की गुज्जर जनजातिः संघर्ष की संतानें''** in the मानव अधिकार नई दिशाएं, वार्षिक अंक 11, 2014.

3. Published a paper titled **"Environment and Sustainable Development : A Critical Appraisal of law and Judicial Response in India"** in *Journal of minority Rights*, vol. 6, no. 1, January 2015

Dr. Anis Ahmad

1. Anis Ahmad, "Sanitisation and Marginalisation of Manual Scavenger in India: A Critical Legal Perspective" ***Nayay Deep Journal*** Vol. XV. Issue 1 & 2. Jan 2014 & April 2014 Issue. (Published by National Legal Services Authority, New Delhi).

2. Anis Ahmad, "Sustainable Development Law and Policies: An assessment in Indian Context" Vol. 5. Issue No. 2 ***Journal of Minority Rights,*** Pune **(July-2014)** ISSN 2229-3663

3. Anis Ahmad, "Role of National Biodiversity Authority in Conservation of Biodiversity in India: A Critical Assessment" Vol. 50. Issue No. 4 ***Civil & Military Law Journal,*** New Delhi **(Oct-Dec-2014)** ISSN 0045-7043.

4. डा. अनीस अहमद एवं कृष्ण कुमार भाष्कर' **''जनजातियों के विकास के संदर्भ में अनु. जनजाति और अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम, 2006 का एक समग्र विश्लेषण''** नई दिशाएँ वार्षिक अंक-11-2014 राष्ट्रीय मानव अधिकार आयोग, नई दिल्ली।

5. Anis Ahmad, "Right to Sanitation and Heath in India- A Juristic Study" Vol. 6. Issue No. 1 ***Journal of Minority Rights,*** Pune **(January-2015)** ISSN 2229-3663.

6. Anis Ahmad and Alok Kumar Gupta, "Disaster Management Law and Policy in India: A Critical Appraisal" Vol.2.No.5 Green & Sustainable Development International Journal Kolkata (March 2015) ISSN 2350-1464.

a. Paper Presentation in National Seminars/Conferences/Workshops

Dr. Sudarshan Verma

1. Presented a paper on, "A Legal Psychiatry for Guaranteeing the Safety of Working Women against Sexual Harassment", in National Seminar on Affirmative Action: Women & Law, organized by Faculty of

Law, University of Lucknow on 4th May 2014.

2. Presented a paper on, "Violation of Human Rights of Third Gender in India", in National Seminar on Globalization, Law & Protection of Human Rights: Issues & Challenges, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on 13th -14th October 2014.

3. Presented a paper on, "Women and Right to Education India", in National Seminar on Gender Discrimination and Inequality in Contemporary India: Status, Causes and Solutions, organized by Department of Sociology, BBAU on 11th-12th November 2014.

4. Presented a paper on, "Judicial Activism & Right to Wholesome Environment in India", in National Seminar on Appointment and accountability of Judge in India, organized Department of Law, School for Legal Studies, BBAU, Lucknow on13th -14th November 2014.

5. Presented a paper on, "Declaration of Laws by Undeclared Courts: Some Issues", in National Seminar on Development Challenges in Developing Nations During Post Globalization Period: Social Science Perspective, organized Department of Law, School for Legal Studies, BBAU, Lucknow on13th -14th November 2014.

6. Presented a paper on, "Consumer Protection Act and Negligence of Railway Administration", in National Seminar on Rights of Consumers: Law and Policy, organized by School for Legal Studies, BBAU, Lucknow on 2nd 2015.

7. Presented a paper on, "Consumer Protection Act and Negligence of Railway Administration", in National Seminar on Quality Education for All in India: Issus and Solutions, organized by Human Upliftment Movement, (NGO) on February 21, 2015.

Mrs. Sufiya Ahmed

1. Presented a paper on "**Globalization and International Surrogacy in India"** in a National Seminar on Globalization, law & Protection of Human Rights: Issues and Challenges on 13-14th October, 2014.

2. Presented a paper on **"Legalizing Euthanasia in India: Legal, Ethical and other Related Issues"** in National Seminar on Society, State, Law and We the People of India held on 12-13th November2014 at JSP Auditorium, Lucknow.

3. Presented a paper on "**The National Judicial Appointments Commission Bill, 2014: A Critical Appraisal"** in the National Seminar on Judicial Appointment and Judicial Accountability held on 13-14 November 2014 at Department of Law, BBAU.

4. Presented a paper on **Sustainable Development and the Role of Media** in a national seminar organised by the Department of MCJ, BBAu on 15 january 2015.

5. Presented a paper on **E marketing and protection of Consumers Rights** in a national seminar on " Rights of Consumers : Law and Policy: " 2nd Feb, 2015 School for Legal Studies ,BBAU, Lucknow,

Dr. Anis Ahmad

1. Presented a paper on "Impact of Globalization on Environment and Sustainable Development: Some observation in Indian Context" in Two days National Seminar on Globalisation, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Department of Human Rights, SLS,BBAU, Lucknow.

2. Presented paper on "State, Sanitation and Sustainable Development: A Socio-Legal Analysis" in National Seminar on **Society, State, Law and We the People of India** on 12 & 13th Nov,2014 organized by All Indian Rights Organization in Association with Indian Association of Social Scientists and Lucknow Law College Lucknow.,

3. Presented paper on **"Judicial Governance and Trends of Justice in India: A Jurisprudential Study**" in two days National Seminar on Appointment and Accountability of Judges in India" 13-14 November 2014 organized by the Department of Law , SLS,BBAU, Lucknow,

4. Presented paper on "Women's Empowerment, Environment Protection and Sustainable Development: Needed an integrated Approach" in National Seminar on Empowerment of women in India:

Opportunities and Challenges on 22November, 2014 organized by Department of Law, K.S. Saket P.G. College, Ayodhya, Faizabad.

5. Presented a paper on "Environmental Protection and Sustainable Development Law: Global Efforts and Indian" in Two days National Seminar on Green Communication & Sustainable Development: Prospects and Challenges" on 28-29 Jan, 2105 organized by Department of Journalism and Mass Communication, BBAU, Lucknow.

6. Presented a paper on "Environmental Governance and Sustainable Development: An Analysis in Indian Context" in Two days National Seminar on Emerging Trends and Dynamics in Indian Politics on 21-22,March, 2105 organized by Department of Political Science, BBAU, Lucknow.

Dr. Pradeep Kumar

1. Presented a paper on "Geographical Indication: Human Rights Concern" in Two days National Seminar on Globalization, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Department of Human Rights, SLS, BBAU, Lucknow.

2. Presented paper on "Law, Society and Women in India: A Critical Analysis" in National Seminar on Society, State, Law and We the People of India on 12 & 13th Nov,2014 organized by All Indian Rights Organization in Association with Indian Association of Social Scientists and Lucknow Law College Lucknow.,

3. Presented paper on "Judicial Accountability in India: A Custodian of Constitution" in two days National Seminar on Appointment and Accountability of Judges in India" 13-14 November 2014 organized by the Department of Law , SLS,BBAU, Lucknow,

4. Presented paper on "Women Empowerment in India: A Legal Perspective" in National Seminar on Empowerment of women in India: Opportunities and Challenges on 22November, 2014 organised by Department of Law, K.S. Saket P.G. College, Ayodhya, Faizabad.

5. Presented a paper on "Secularism: An Indian Perspective" in Two days National Seminar on Emerging Trends and Dynamics in Indian Politics on 21-22 March 2015, organized by Department of Political Science, BBAU, Lucknow.

6. Participation in Orientation/Refresher Course/ Seminars/ Conferences/ Workshops

Dr. Sudarshan Verma, Mrs. Sufiya Ahmed, Dr. Anis Ahmad and Dr. Pradeep Kumar Participated in

1. Community Legal Awareness Programme on the theme "The Right to Information Act, 2005" on 8th May, 2014 in Aurangabad Jageer Village, Lucknoworganized by the Department of Law, SLS, BBAU, Lucknow.

2. Community Legal Awareness Programme on the theme "Environmental Pollution and Right to Sanitation" on 28th Oct , 2014 in Aurangabad Jageer Village, Lucknow organized by the Department of Law, SLS, BBAU, Lucknow.

3. Community Legal Awareness Programme on the theme "Women's Right: Law and Policy" on 3rd Dec , 2014 in Khwajapur (Majra) of Aurangabad Jageer Village, Lucknow organized by the Department of Law, SLS, BBAU, Lucknow

Dr. Sudarshan Verma

1. Director National, Seminar on "Appointment and Accountability of Judges in India" on 13-14 Nov, 2104 organized by the Department of Law, SLS,BBAU, Lucknow.

2. Organizing Secretary National Seminar on Rights of Consumers: Law and Policy organised by the Department of Human rights, BBAU on 15 February 2015.

Mrs. Sufiya Ahmed

1. Member, Organizing Committee, National Seminar on "Appointment and Accountability of Judges in India" on 13-14 Nov, 2104 organized by the Department of Law, SLS,BBAU, Lucknow.

2. Member, Organizing Committee National Seminar on Rights of Consumers: Law and Policy organised by the Department of Human rights, BBAU on 15 February 2015.

Dr. Anis Ahmad

1. Member, Organizing Committee, National Seminar on Globalisation, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Department of Human Rights, SLS,BBAU, Lucknow.
2. Member, Organizing Committee, National Seminar on "Appointment and Accountability of Judges in India" on 13-14 Nov, 2104 organized by the Department of Law, SLS,BBAU, Lucknow.
3. Member, Organizing Committee, National Seminar on Rights of Consumers : Law and Policy organised by the Department of Human rights, BBAU on 15 February 2015.

Dr. Pradeep Kumar

1. Member, Organizing Committee, National Seminar on Globalization, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Department of Human Rights, SLS,BBAU, Lucknow.
2. Member, Organizing Committee, National Seminar on "Appointment and Accountability of Judges in India" on 13-14 Nov, 2104 organized by the Department of Law, SLS,BBAU, Lucknow.

6. Invited Speakers/ Session Chaired in Seminars/ Conferences/ Workshops

Dr. Sudarshan Verma

1. Delivered a Lecture in National Workshop on "Food Processing & Preservation Techniques: Traditional & contemporary Approach", organized by School for Home Sciences on 15th- 16th October 2014.

Session Chaired in Seminars/Conferences/ Workshops

Dr. Sudarshan Verma

1. **Chaired** a session in National Seminar on Affirmative Action: Women & Law, organized by Faculty of Law, University of Lucknow, on 4th May 2014
2. **Chaired** a sessionin National Seminar on Globalization, Law & Protection of Human Rights: Issues & Challenges, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on 13th - 14th, October 2014.
3. **Chaired** a sessionin National Seminar on Appointment and accountability of Judge in India, organized by Department of Law, School for Legal Studies, BBAU, Lucknow on13th -14th November 2014.
4. **Chaired** a sessionin National Seminar on Development Challenges in Developing Nations During Post Globalization Period: Social Science Perspective, organized by Department of Human Rights, School for Legal Studies, BBAU, Lucknow on 13th - 14th, October 2014.
5. **Chaired** a sessionin National Social Science Congress- 2014 on Globalization, Law & Protection of Human Rights: Issues & Challenges, organized by Babasaeb Bhimrao Ambedkar University Lucknow on 16-17 December 2014.
6. **Chaired** a sessionin National Seminar on Rights of Consumers: Law and Policy, organized by School for Legal Studies, BBAU, Lucknow on February 2nd 2015.

Mrs. Sufiya Ahmed

- Co-Chaired one sessionin National Seminar on " Globalisation, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Deptt of Human Rights, SLS,BBAU, Lucknow.
- Co-Chaired one sessionin National Seminar on " Rights of Consumers : Law and Policy: " 2nd Feb, 2015 School for Legal Studies, BBAU, Lucknow,

Dr. Anis Ahmad

- Co-Chaired one sessionin National Seminar on " Globalisation, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Deptt of Human Rights, SLS,BBAU, Lucknow.
- Co-Chaired one sessionin National Seminar on Appointment and Accountability of Judges in India" 13-14 November 2014 organized by the Department of Law, SLS,BBAU, Lucknow.
- Co-Chaired one sessionin National Seminar on " Rights of Consumers : Law and Policy " 2nd Feb, 2015 School for Legal Studies, BBAU, Lucknow.

Dr. Pradeep Kumar

1. Co-Chaired one sessionin National Seminar on " Globalisation, Law & Protection of Human Rights : Issues & Challenge" on 13-14 Oct, 2104 organized by Department of Human Rights, SLS,BBAU, Lucknow.
2. Co-Chaired one sessionin National Seminar on "Appointment and Accountability of Judges in India" on 13-14 Nov, 2104 organized by Department of Law, SLS, BBAU, Lucknow.
3. Chaired one session in National Seminar on Empowerment of women in India: Opportunities and Challenges on 22November, 2014 organised by Department of Law, K.S. Saket P.G. College, Ayodhya, Faizabad.

7. Research Guidance

Dr. Sudarshan Verma

Three research scholars have been awarded Ph.D. Degree

1. Aparna Singh
2. Deepti Singh
3. Prem Kumar Gautam

06 LL.M. Dissertations equivalent to M.Phil have been supervised

Mrs. Sufia Ahmed

02 LL.M. Dissertations equivalent to M.Phil of the following students have been supervised and one was co supervised.

Dr. Anis Ahmad

O6 LL.M. Dissertations equivalent to M.Phil have been supervised;

Dr. Pradeep Kumar

Eight LL.M. Dissertations equivalent to M.Phil have been supervised :

8. Membership in various government and other bodies

Dr. Sudarshan Verma

- Life Member Indian Association for Social Sciences and Health (IASSH)

Mrs. Sufia Ahmed

- Life Member of All India Rights Organization

Dr. Anis Ahmad

- Life Member All India Law Teachers Congress, New Delhi
- Member Advisory Board CURE (Clean up & Recycles for Environment) NGO based in Jaipur (Rajasthan).
- Member Editorial Board, International Journal "Culture, Society and Law". New Delhi

Dr. Pradeep Kumar

- Life Member All India Law Teacher's Congress

9. Achievements of the Students

i. Placement of the Students:

- One student (Arun Kumar) has been appointed ADO Co-operative Uttar Pradesh Government in 2014
- Mr. Hariom Dubey selected as Executive Progrmme Director CURE (Clean up & Recycles for Environment) NGO based in Jaipur (Rajasthan)
- Mr. Vinay Kumar Jaiswal selected as Judicial Magistrate (junior division) Uttar Pradesh Government in 2014.
- Mr. Rohit Kumar Shukla selected as Assistant in Customs n Excise Tribunal, Chennai, 2014

ii. **Ph.D. Degree Awarded:**

Following research scholars have been awarded Ph.D. Degree.

1. Ali Mahmood Yahya (student from Iraq)
2. Aparna Singh
3. Pawan Kumar Pandey
4. Deepti Singh
5. Prem Kumar Gautam

iii. Students qualified JRF/NET

1.	Neha Singh	-	JRF
2.	Avnish Singh	-	JRF
3.	Manindra Singh	-	NET
4.	Peshkar Kumar	-	NET
5.	Arun Kumar Mishra	-	NET
6.	Rishikesh Singh Faujdar	-	NET

SCHOOL FOR MANAGEMENT STUDIES

Dean (I/c): Prof. R.P.Singh

Inception

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

Head/Coordinator: Dr. Kushendra Mishra

ESSENCE

The Department of Rural Management was established under the School for Management Studies in the year 2010. The main objective of the department is to produce socially, culturally and economically sensitive leaders in the fields of management in general and Rural Management in particular. India is still a predominantly rural nation as majority of the people live in rural areas and are dependent on agriculture and allied sectors. Rural India needs large professionally trained and socially sensitive manpower to meet the needs of farmer'sorganizations, agro-based industries, NGOs, and other rural sectors and segment of society. The idea is to fill the huge demand-supply gap of professionally-trained managers to cater especially to the needs of rural sectors.

Currently, the department offers Two Year (4Semester)MBA in Rural Management, MBA in Human Resource and Ph.D in Management. The department has been run with the help of a team of experience, well-qualified and highly motivated faculty.Concerted efforts have been made to take it to a great height in terms of quality teaching through regular lectures, seminars, and field visits by students. As a matter of policy, the department lays emphasis on teaching, inter-disciplinary research, and concurrent field work.

Following new courses have been also initiated from the coming academic year July '2015.

- MBA in Finance
- MBA in Tourism
- Bachelor of Business Administration (B.B.A)
- Bachelor of Commerce (Hons.)

Objectives

1. To produce socially conscious managers who can contribute to the growth of economy and country.
2. To interact with R&D Organizations for conducting joint research work involving faculty and students/research scholars etc.
3. Signing MOU's with industry and Institutes. Setting up of technology parks in collaboration with alumni and industry for cost effective opportunity for R&D leading to marketable products.

Research Pursuits

Basic Research Program: The school for management studies has always been working actively in its pursuit of excellence in various research initiatives. Keeping in tandem with its vision, it has been keeping up its name with the flagship program of PhD in Management which started in the year 2010. It has gained strength and momentum in last three years and the numbers of students enrolled in Doctoral programs are already eighteen. Further, it has also revived MPhil in Management program this year creating a niche in ongoing research space. Currently, twenty seven students are enrolled in MPhil program contributing to varied innovative fields of Management as diverse as data analytics to strategic human resource management.

Applied Research: It has also been actively pursuing research in various applied dimensions of Management. The entire spirit and essence seems to be at its forefront when research focuses on the applied areas of Management. The department has been actively involved in creating and nurturing research practices which always add value to the existing Management literature and such literature always has a high worth for any organization seeking to make decisive changes.

Industry Oriented Research: It has always focused on a market oriented research which could give a cutting edge to its research programs compared to any other research initiatives taken all over the country. It has been actively involved in talks with senior heads from research wings of reputed companies. Most projects are based on industry specific issues and have its own value which forms its core competency. It has been actively engaged in signing up of Memorandum of Understanding with a number of organizations which will materialize very soon

Placement Prospects

A centralized placement cell is working to place students with different organizations. Those who successfully complete the MBA program are expected to be placed with NGOs, government organizations, private enterprises, rural industries, cooperatives banks and financial and other institutions. There are growing opportunities with multinational companies, which are seeking entry into the huge, untapped rural markets particularly in sectors such as power, production, industry, agriculture. The students of the department would be well-equipped with the required professional competence to work as managers, analysts and consultants advising on operational efficiency and improvements, especially with a touch of social sensitivity. Grounded firmly in its relatively short but rich legacy, the department is poised to traverse new heights and unknown horizons.

All students of the Department have completed their Project and Dissertation work from various renowned companies like NTPC Limited (A Govt. of India Enterprise), Rural Electrification Corporation Ltd (A Govt. of India Enterprise), Bank of Baroda, ITI Limited (A Govt. of India Undertaking), KRIBHKO, BIRD (Lucknow), FCI, IFFCO, WALMI, MNREGA, World Vision, U.P. State Agro Industrial Corporation Limited etc.

Forthcoming Innovative Courses At A Glance

The Department is planning to launch programs and certification courses at undergraduate level. One of these is to start Bachelors in Business Administration course with various specialisations. The program intends to equip students with managerial skills from the very onset of practical and applied studies.

Faculty Profile

Sl. No.	Name	Qualification	Designation	Area of Specialization
1	Dr. Kushendra Mishra	Ph.D.	Head and Associate Professor	Strategic Management, Operations Management, Supply Chain Management, Business Mathematics
2	Dr. M.S. Khan	Ph.D.	Associate Professor	International Business, Marketing, Rural Marketing, Strategic Management, International Marketing
3	Dr. Abhilash Babu	Ph.D.	Assistant Professor	Rural Development, Decentralization, Participatory Development, Water Governance.
4	Dr. Taruna	Ph.D.	Assistant Professor	Human Resource Management

Departmental Level Academic Activities

Seminars/Conferences participated by Faculty	Seminars/Conferences organized by Faculty	Research Papers presented	Research Papers published	Chapters in Books/ Books published
30	02	20	10	04

SCHOOL FOR PHYSICAL SCIENCE

I. DEPARTMENT OF APPLIED CHEMISTRY

Dr. Gajanan Pandey

Co-ordinator/Head

About the Departments (School wise) – The Department of Applied Chemistry came into existence in July 2010, under the umbrella of School of Physical Science. Three other Departments in this school are Applied Physics, Applied Mathematics and Applied Statistics.

Brief introduction of the Department: Currently the department offers two years Postgraduate programme in Applied Chemistry for which candidates are selected through National Level entrance test. The department also offers Ph.D. programme. **The department has also started M.Sc. in Polymer Chemistry in 2014 as the first batch for session 2014-2016**

Infrastructural facilities available in the Department: The Applied Chemistry department has a UV-Vis Spectrophotometer (Cary 100), Rheometer (Anton Paar), FTIR (Perkin Elmer SP2) and BET Surface analyzer (Belsorp-mini-II, make Bell Japan).

Faculty details:

S. No.	Name	Designation	Qualification	Area of Specialization
1.	Dr. Gajanan Pandey	Associate Professor	M. Sc.; Ph. D. B.H.U.	Materials chemistry, Coordination chemistry, Environmental chemistry
2.	Dr. Jyoti Pandey	Assistant Professor	M. Sc.; Ph. D. (CDRI-JNU, Lucknow)	Organic Synthesis, Medicinal Chemistry, Heterocyclic and Carbohydrate Chemistry
3.	Dr. Shailesh Kumar	Assistant Professor	M. Sc.; Ph. D. (CDRI-JNU, Lucknow)	Synthetic Medicinal Chemistry, Diversity Oriented Synthesis of compounds of medicinal value
4.	Dr. Preeti Gupta	Assistant Professor	M. Sc.; Ph. D. (IIT Kanpur)	Carbohydrate Chemistry and synthesis of Glycosidase Inhibitors, Medicinal Chemistry, Steroidal Hybrids and mimics

Academic Activities of the Faculty:

Articles/paper in journal(s): 06

Lectures delivered: Delivered an invited talk in National Conference on Recent Trends in Environmental Science organized by Indira Gandhi Academy of Environmental Education Research and Eco planning, Jiwaji University, Gwalior, during February 4-5, 2014.

Research projects/ consultancy (completed/ ongoing/sanctioned/ submitted).

1.	**RPS-Research Project**	**AICTE New Delhi**	**Completed**
2.	Major Research Project	UGC New Delhi	Submitted

Membership in various government and other bodies (out of BBAU): Member, American Chemical Society, American Nano Society, Academy of Microscope Science & Technology.

Paper presented in seminars/ conferences/ workshops etc.: 08

Ph.D.: 03 Ph.D. awarded and 07 students are pursuing

Department of Level Academic Activities:

Dr. Gajanan Pandey

Seminar/ Conference participated by faculty		Seminar/ Conference/ Lectures Organized by Department		Research paper presented by faculty		Research paper published by faculty		Book published by faculty
National	International	National	International	National	International	National	International	
03	05	01	-	02	05	02	04	-

Dr. Jyoti Pandey

Seminar/ Conference participated by faculty		Seminar/ Conference/ Lectures Organized by Department		Research paper presented by faculty		Research paper published by faculty		Book published by faculty
National	International	National	International	National	International	National	International	
04	04	02	-	04	04	-	01	-

Academic Activities of the Faculty:

1. Member, School Board
2. Member, BPGS
3. Member, DRC
4. Completed an Orientation Programme held at University of Lucknow from July 2-31, 2014.
5. Completed Winter School held at Jamia Millia Islamia, New Delhi from 17th Dec 2014 - 8th Jan 2015.
6. Attended International training program on "Leadership and Career Development for Women Scientist and Technologists" jointly organized by DST, IUSSTF and Coach in between 1st -5th Sept. 2014, New Delhi.

- Research projects/ consultancy (completed/ongoing/sanctioned/ submitted):

1.	Research Project	Department of Science & Technology, New Delhi	Submitted
2.	Major Research Project	UGC, New Delhi	Submitted

Ph.D.: 03 students are pursuing

Administrative and other responsibilities:

1. Warden, Yashodhara Girls Hostel
2. Member, Proctorial Board
3. Member, Sports Committee

-Membership in various government and other bodies (out of BBAU):

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

Seminar/ Conference participated by faculty		Seminar/ Conference/ Lectures Organized by Department		Research paper presented by faculty		Research paper published by faculty		Book published by faculty
National	International	National	International	National	International	National	International	
Nil	08	02		Nil	04	Nil	02	Nil

Academic Activities of the Faculty:

1. Completed an Orientation Programme held at University of Lucknow from July 2-31, 2014.
2. Certificate of appreciation for publishing research paper in high impact factor in year 2013-2014.

- Articles/paper in journal(s) [only published and accepted articles/ papers]- 01
- **Research projects/ consultancy (completed/ongoing/sanctioned/ submitted).**

1.	Research Project	DST, New Delhi	Ongoing

- Membership in various government and other bodies (out of BBAU): **Life member of Indian Science Congress Association, Kolkata**
- Paper presented in seminars/ conferences/ workshops etc.: 04

Dr. Preeti Gupta

Seminar/ Conference participated by faculty		Seminar/ Conference/ Lectures Organized by Department		Research paper presented by faculty		Research paper published by faculty		Book published by faculty
National	International	National	International	National	International	National	International	
-	-	-	-	-	-	-	2	-

-Research projects/ consultancy (completed/ongoing/sanctioned/ submitted).

1.	Research Project	DST-INSPIRE FACULTY AWARD, New Delhi	Ongoing

-Articles/paper in journal(s) [only published and accepted articles/ papers]- 02

II. DEPARTMENT OF APPLIED MATHEMATICS

A. Name of the Department: Applied Mathematics

B. Introduction of the Department: The Department of Applied Mathematics came into existence in March 2012 as a result of the bifurcation of the Department of Applied Mathematics and Statistics. The Department was established in July 2010 as a part of the School for Physical Sciences of Babasaheb Bhimrao Ambedkar University, Lucknow. Department is running a Postgraduate programme in Applied Mathematics with an intake of 40 students per year. The Department has also started Ph.D programme with effect from July 2012. The research areas include fluid Mechanics, Numerical Analysis, Mathematical Modelling, Differential Equations, Wavelet Theory, Vibratons of Plates, Computer Graphics and Cryptography. The students for these programmes are admitted on the basis of all India entrance test.

C. Department Level Academic Activities:

B1. Postgraduate programme in Applied Mathematics is running with an intake of 40 student per year.

B2: Presently, seven Ph.D. students are working as a research scholars under various schemes of UGC, New Delhi.

D. Faculty Detail (Name, Designation, Contact, Qualification, Specialization, etc.)

Sl. No.	Name	Designation	Contact	Qualifications	Specialization
1.	Prof. Vipin Saxena	Professor (Computer Science) & Coordinator, DAM	09452372550 vsax1@rediffmail.com	M.Sc.(Applied Mathematics), M.Phil.(Computer Applications), Ph.D. (IIT, Roorkee)	Object-Oriented Modeling and Computer Networking
2.	Brajesh Kumar Singh	Assistant Professor	8126743980 bksingh0584@gmail.com	M.Sc.(Mathematics), Ph.D. (IIT, Roorkee)	Cryptographic (generalized) Boolean Functions and Numerical Analysis
3.	Jitendra Singh	Assistant Professor	8090092846 jitendra.singh.rs.apm@itbhu.ac.in	M.Sc.(Mathematics) Ph.D. (IIT-BHU, Varansi)	Heat and Mass Transfer, Fractional Calculus and Mathematical Modeling

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

1) Research Publication (s)

a. National Conference/Journal/Paper Presentation} (if any):

Prof. Vipin Saxena

1. *Implementation of Bankers' Algorithm for Avoidance of Deadlock AcrossNational Knowledge Network (NKN) through UML*, **In Proceedings of International Conference of the 8th INDIACOM on Computing for Sustainable Global Development**, **(ISBN 978-93-80544-06-9)**,PP. 745-747, Organised by Bharti Vidyapeeth Institute of Computer Application and Management, New Delhi from 5-7th March 2014.

b. International Conference/Journal/Paper Presentation} (if any):

PROF. VIPIN SAXENA

1. Zaidi Taskeen and **Saxena, Vipin**, *Performance Estimation of Static Step Topology Across Distributed Networks through Simulation Tool,***ACM SIGSOFT Software Engineering Notes,** New York, USA, **(ISSN No.: 0163-5948)** Vol. 39(6), pp.1-6, **November (2014)**.

2. Narander Kumar, Shalini Agarwal and **Saxena, Vipin**, *LP based Adaptive Resource Management Framework in* Cloud Environment, **International Journal of Computational Engineering & Management, India, (ISSN: 2230-7893)**, Vol. 17(1), pp. 16-27, **(2014)**.

3. **Saxena, Vipin** and Sudhir Kumar Singh, *Implementation of Apriori Algorithm on Electricity Billing System*, **International Journal of Computer Applications, USA(ISSN: 0123-4560)**, pp.30-34, Volume 86(2)**, (2014)**.

4. Narander Kumar, Singh, Rashmi and **Saxena, Vipin**,*Modeling and Minimization of Cyber Attacks through Optimization Technique*, **International Journal of Computer Applications, USA,(ISSN: 0123-4560)**, Vol. 99(1), pp.30-34, **August (2014)**.

5. Saxena, Vipin and Sudhir Kumar Singh, *Reducing the Impurity of Object-Oriented Database Through Gini Index*, **International Journal of Computers and Technology, (ISSN No.: 2777-3061)**, Vol 13(11), pp. 5172-5178, **Sept. (2014)**.

6. **Saxena, Vipin** and Sudhir Kumar Singh, *UML Modeling and Validation of Object-Oriented Database for Water Bill Deposit System*,**MAGNT Research Report (ISSN No.: 1444-8939)**, Vol 2(5),100-104, DOI: dx.doi.org/14.9831/1444-8939.2014/2-5/MAGNT.13, **Sept.,(2014)**.

7. Narander Kumar, Shalini Agarwal and **Saxena, Vipin**, *A Distributed Load Balancing Scheme Based on Complex Network Model of Cloud Servers*, **ACM SIGSOFT (ISSN No.: 0163-5948)**, USA, Vol. 39(6), pp.1-6, **November (2014)**.

DR. BRAJESH KUMAR SINGH

1) **BK Singh** and VK 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

2) **BK Singh.** On second-order nonlinearity and maximum algebraic immunity of some bent functions in PS+. **Journal of Applied Mathematics and Computing** 46(1-2) (2014) 335-349 **(Springer).**

3) D Singh, M Bhaintwal &**BK Singh**: Constructions of q ary functions with good global avalanche characteristics. **InternationalJournal of Computer Mathematics 92(2)(2015) 266-276.(Taylor & Francis)**

4) VK Srivastava, N Mishra, S Kumar, **BK Singh** and MK Awasthi, Reduced differential transform method for solving (1+n)- Dimensional Burgers' equation. **Egyptian Journal of Basic and Applied Sciences** 1(2) (2014) 115-119 **(Elsevier)**

5) V. K. Srivastava, S. Kumar, M. K. Awasthi, **B. K. Singh**: Two-dimensional time fractional-order biological population model and its analytical solution, **Egyptian Journal of Basic and Applied Sciences** 1 (2014) 71-76. **(Elsevier)**

6) **BK Singh**: Generalized semi-bent and partially bent Boolean functions. **Mathematical Sciences Letters** 3(1) (2014) 21-29. **(Natural Sciences)**

7) **BK Singh:** On third-order nonlinearities of biquadratic monomial Boolean functions, **International Journal of Engineering Mathematics**, Volume 2014, Article ID 937386, 7 pages, **http://dx.doi.org/10.1155/2014/937386.**

8) Arora, RC Mittal and **BK Singh**: Numerical Solution of BBM-Burger Equation with Quartic B-spline Collocation Method, **J. Engg. Sci. Tech., http://jestec.taylors.edu.my/Special%20Issue%20ICMTEA2013.htm.**

9) **B. K. Singh** and G. Arora: A numerical scheme to solve Fisher-type reaction-diffusion equations (An Extended Version of ICMTEA-2013), **Nonlinear Studies/ MESA- MATHEMATICS IN ENGINEERING, SCIENCE AND AEROSPACE** 5(2) (2014) 153-164.

10) VK Srivastava & **BK Singh**:A Robust finite difference scheme for the numerical solutions of two dimensional time-dependent coupled nonlinear Burgers' equations, **International Journal of Applied Mathematics and Mechanics,** 10(7) (2014) 28-39.

D1: Lecture Delivered:

- M. Sc. II (Sem.): Advanced Numerical Analysis (MAM-205)
- M. Sc. IV (Sem.): Computational Fluid Dynamics (MAM-403)

D2: Professional Service:

a. **Reviewer** of International Journal of Computer Mathematics (Taylor and Fransis) : IF: 0.56

b. **Reviewer** of Abstract and Applied Analysis (IF: 1.102)

c. **Reviewer of CCDS:** Cryptography and Communications - Discrete Structures, Boolean Functions and Sequences

d. **Reviewer of DCC:** Designs, Codes and Cryptography

1) Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences (if any): **NIL**

2) Invited Speaker/Session Chaired in National/International Conferences detail (if any): **NIL**

3) Research Guidance (if any): *Currently, the following scholars are doing research under my supervision*

- **Manoj Kumar Singh (**Stability and Bifurcation Analysis of Some Real Life Problems**): As a co-supervisor**
- **Vineet Kumar (**The Stability of Thermal Instability in Nanofluid**): As a co-supervisor**
- **Ajay Singh (**Convection in Fluid and Porous Medium under Modulation**): As a co-supervisor**
- **Pramod Kumar (**Numerical Study of Classical & Time-fractional Model of Multi-dimensional Navier-Stokes Equation**): As a supervisor**

4) Membership/Fellowship of Professional/ Academic Bodies (if any): **NIL**

5) Google Scholar Profile (if available): Please visit

@https://scholar.google.co.in/citations?user=nEodPDwAAAAJ

Research Gate Profile: Please visit @ https://www.researchgate.net/profile/Brajesh_Singh7

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. Chairman of **Departmental Research Committee, Department of Applied Mathematics,** Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

10. Member of **Research Degree Award Committee of University**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

11. Member of **Academic Council**, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.

12. Dean of Alumni Relations, Babasaheb Bhimrao Ambedkar University, Lucknow.

9) Google Scholar Profile (if available)

Citation indices	All	Since 2010
Citations	342	234
h-index	9	7
i10-index	9	5

DR. JITENDRA SINGH

1. Jitendra Singh, Praveen Kumar Gupta, K.N. Rai, Variational iteration method to solve moving boundary problem with temperature dependent physical properties, Int. J. Thermal Science, vol. 15, (2011), pp. 229-239.

2. Praveen Kumar Gupta, Jitendra Singh, K.N. Rai, Numerical simulation for heat transfer in tissues during thermal therapy, Journal of thermal biology, vol. 35, (2010), pp. 295-301.

3. Jitendra Singh, Praveen Kumar Gupta, K.N. Rai, Homotopy perturbation method to space-time fractional solidification in a finite slab, Applied mathematical modelling, vol. 35, (2011), pp. 1937-1945.

4. Jitendra Singh, Praveen Kumar Gupta, K.N. Rai, Solution of fractional bioheat equations by finite difference method and HPM, Mathematical and Computer Modelling, vol. 54, (2011), pp. 2316-2325.

5. Praveen Kumar Gupta, Jitendra Singh, K.N. Rai, A numerical study on heat transfer in tissues during hyperthermia, Mathematical and computer modelling, vol. 57, (2013), pp. 1018-1037.

6. Praveen Kumar Gupta, Jitendra Singh, K.N. Rai, S.K. Rai, Solution of the heat transfer problem in tissues during hyperthermia by finite difference-decomposition method, Applied Mathematics and Computation, vol. 219, (2013), pp. 6882-6892.

Research Article Presented in International Conference:

1. Jitendra Singh, Analytic approximation for one phase space-time fractional moving boundary problem with time varying temperature on surface, Int. Conf. On Special function & their Applications in Science and Engineering and symposium on Fractional Calculus & its Applications, 8-10 December 2011, RJIT, Gwalior, M.P.

2. Jitendra Singh, Approximate solution for nonlinear oscillator with cubic and quintic nonlinearities, Int. Conference on Recent Advances in Mathematics, Statistics and Computer Science, 29-31 May, 2015, CUSB, Patna, Bihar.

3. Jitendra Singh, Rajeev Kumar, An analytical study on fractional Fokker-Plank equation by Homotopy Analysis Transform Method, Int. Conference on Recent Advances in Mathematics, Statistics and Computer Science, 29-31 May, 2015, CUSB, Patna, Bihar.

Research Article Presented in National Conference:

1. Jitendra Singh, Differential transform method to determine displacement of cubic-quintic Duffing equation, National Conference on Mathematical Modelling and Application in Science & Engineering, March 09-10, 2013, Dept. of mathematics, NIT, Patna.

Invited Talk:

1. Jitendra Singh, "Introduction and Application of Moving Boundary Problems" National Conference on Recent Advances in Statistical and Mathematical Sciences and their Applications (RASMSA-2014), 4-6 Oct. 2014, Department of Statistics , Kumaun University.

III. DEPARTMENT OF APPLIED STATISTICS

Brief introduction of the department

The department was established in 2010 to teach Post Graduation (P.G.) classes under the department of Applied Mathematics and Statistics. The department of Applied Statistics as an independent department came into existence in March, 2012 vides Letter No. 2862/BBAU/12 under the leadership of Dr. Surinder Kumar. The department has grown rapidly since its establishment. The department has started its M.Phil. programme from the academic session 2014-15.

Objective

In the present era of globalization, privatization and liberalization both the public and private sector organizations are phasing and increasingly complex and challenging environment. Under such conditions, their survival and growth depend on the capacity to gather, analyze, disseminate, implement, evaluate policy and making decisions. This thrust needs P.G., M.Phil. and Ph.D. programmes to provide students of high caliber for the various governmental and private agencies to use statistical techniques in every aspect of logistic and statistical approach.

Infrastructure facilities of the department

The department is providing high class teaching and research facilities to its students. Presently, the department has four faculty members (one Associate Professor and three Assistant Professors).

Vision

To contribute to the nation and the World through excellence in statistical education and research; to serve as a valuable resource for industry and society; and remain a source of pride for all Indians.

Mission

To generate new knowledge by engaging in cutting-edge research and to promote academic growth by offering state-of-the-art postgraduate and doctoral programmes.

To identify, based on an informed perception of Indian, regional and global needs, areas of specialization upon which the department can concentrate.

To undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.

To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Values

- Academic integrity and accountability.
- Respect and tolerance for the views of every individual.
- Attention to issues of national relevance as well as of global concern.
- Appreciation of intellectual excellence and creativity.
- An unfettered spirit of exploration, rationality and enterprise.

Achievements:

- The Department has organized one National Workshop during 14 – 15 March 2013 on various topics of Statistics.
- The Department has organized one National conference during 16 – 17 March 2013 on various topics of Statistics.
- Our faculty members have represented the University in various national and international conferences.
- The faculty members of the department have also acted as resource persons in various prestigious national institutions of repute.

Faculty Detail:

Sr. No.	Name	Designation	Qualification	Area of Specialization
1	Dr. Surinder Kumar	Associate Professor & Coordinator	Ph.D. (Statistics)	Sequential Testing, Multivariate Techniques, Reliability
2	Dr. Shashi Bhushan	Assistant Professor	Ph.D. (Statistics), CSIR NET-JRF (Mathematical Sciences)	Sampling, Econometrics, Life Testing
3	Dr. Rahul Varshney	Assistant Professor	Ph.D. (Statistics), CSIR SRF (Mathematical Sciences)	Mathematical Programming and Sampling Theory
4	Dr. Amit Kumar Misra	Assistant Professor	Ph.D. (Statistics), CSIR NET-JRF (Mathematical Sciences)	Stochastic Orders, Reliability Theory and Applied Probability

Department Level Academic Activities:-

Seminar, Lectures and other activities (in figure) during the year.

Seminar/conference participated by faculty		Seminar/conference/Lectures organized by Department		Research Paper presented by faculty		Research Paper published by faculty		Book published by faculty
National	International	National	International	National	International	National	International	
10	06	02		12	6	04	04	NIL

Academic Activities of the faculty:-

- Award /honors/fellowship achieved-NIL
- Books/edited books/monograph(s)-with details of title, publisher, place of publication, year etc.- NIL
- Book(s) chapter-with details of title, editors name, publisher, place of publication, year etc.-NIL
- Article/paper in journals [only published and accepted articles/papers]-32
- Book review published-with all details-NIL
- Articles in newspaper-NIL
- Lectures delivered-06
- Research projects/ consultancy (completed/ ongoing/ sanctioned/submitted)-One
- Membership in various government and other bodies (out of BBAU)-10
- Paper presented in seminars/conferences/ workshops etc-10
- Session chaired at seminars/conferences/ workshops etc-05
- Ph.D (awarded), name of candidates, title, name of supervisor-

S.No	Name of Candidate	Title	Name of Supervisor
1	Naresh Chander	Inferential procedures for some discrete and continuous models in reliability theory	Dr. Surinder Kumar

IV. DEPARTMENT OF APPLIED PHYSICS

Introduction

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, the entrance exam was qualified by 61 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. 30 students are enrolled in M.Sc.-III semester while 34 students are enrolled in M.Sc.-I semester students and IPR. 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. The department has launched M. Tech. self-finance course in Nano-optoelectronics from session 2013-14 to impart higher education in technology as well.

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.Tech. course in two class rooms, 2 lab rooms, 1 smart class room, 1 computational lab and 5 teachers' room in the Administration Building along with Coordinator'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.

Profile of Faculty Members

Name	Designation	Qualification	Experience	Specialization
Dr. B.C. Yadav	Associate Professor & Coordinator / Head	Ph.D.	Teaching – 19 years Research – 12 yrs	**a)** Material Science **b)** Thin/thick film Sensors **c)** Nanoscience & Nanotechnology
Dr. Devesh Kumar	Associate Professor	Ph.D.	Teaching - 05years Research – 12 yrs	Theoretical modelling using ab initio method
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

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
- Dr. G.C. Dubey, Retd. Scientist 'G', Solid State Physics Laboratory, Lucknow Road, Delhi, India
- Dr. Prabahat K. Dwivedi, Nanoscience Center, IIT Kanpur, U.P.,India
- Prof. Sahdev, IIT Kanpur
- Dr. Rajesh K. Yadav, KRICT, South Korea

Seminar/Workshop

- International Symposium on Advances in Materials Characterization (ISAMC-2014), Juy 14, 2014.
- Debate on C.V. Raman's Birthday on 7th 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 28th February.

Membership In Various Government And Other Bodies

1. Dr. B.C. Yadav

- Indian Science Congress Association (**ISCA**)
- Optical Society of India (**OSI**)
- Materials Research Society of India (**MRSI**)

2. Dr. Devesh Kumar

- The World Association of Theoretical and Computational Chemists (WATOC)
- Society of Biological Inorganic Chemistry (SBIC)
- Indian Biophysics Society (IBS)

3. Dr. A.K. Yadav

- Ultrasonic society of India
- Materials Research society of India

E.

1. Award & Recognition: Awarded for publishing papers in high IF Journal by BBAU, Rs. 2.00 lac incentive grant, 10th June 2014
2. Book(s)/Book Chapter(s) Authored/Edited Book/Monograph(s) (if any): No ***Special Issue of Journal of Advance Science Letter, APS, USA,*** *Impact Factor: 1.25*
3. Details of the Project Sanctioned/Executed (during 01.04.2014 to 31.03.2015)

Seminar, Lectures and others activities:

Seminar/Conference participated by faculty		Seminar/Conference /Lectures organized by department		Research Papers Presented by faculty		Research paper published by faculty		Book published by faculty
National	International	National	International	National	International	Journal	Proceeding	

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/RFBR/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)

Sl. No.	Title	Date of start & Date of completion	Cost (Rs.)	Agency
1.	"Preparation and properties of Nanosized spinel and Orthoferite Oxides and their Relevance as Gas Sensor' **(P.I.)**	2013 – 2016	24,74,750	Board of Research Nuclear Research (BRNS), DAE
2.	"Synthesis and Characterization of Thin and Thick Film Opto-Electronic Humidity Sensor Based on Metal Oxide Nanocomposites"	2013 – 2015	26,84,500	Department of Science & Technology under International Financial Support **(Indo-Russian)**
3.	"Study of policies and mechanisms that could facilitate delivery of STI outputs to diverse stakeholders including innovation for social inclusion with special reference to Energy" **PI- Prof. R.C. Sobti CoPI – B. C. Yadav etal.**	2014 – 2019	5,00,00000/-	DST, Gov. of India

4. Research Publications(s)

   a. National conference/Journal/Paper APR Presentation (if any): NIL

   b. International Conferences/Journal/ Paper Presentation (if any) : 21

1. VO_2 nanorods for efficient performance in thermal fluids and sensors,Kajal Kumar Dey,Divyanshu Bhatnagar, Avanish Kumar Srivastava, Meher Wan,Satyendra Singh,Raja Ram Yadav, **Bal Chandra Yadav**and Melepurath Deepa, ***Nanoscale***, Royal Society of America, published online.**IF = 6.734**

2. Physics and Technology of Humidity Sensing through a Solid State Pellet of Cerium Oxide, Monika Singhand**B.C. Yadav, *Sensors & Transducers*,** Vol. 186, Issue 3, March 2015, pp. 140-147,IFSA.

3. Fabrication of novel Cu/Pd bimetallic nanostructures with high gas sorption ability towards development of LPG sensor, Aashit Kumar Jaiswal, Satyendra Singh, Archana Singh, R.R. Yadav, Poonam Tandon and **B.C. Yadav** ***Materials Chemistry Physics***, published online from 17th January for Vol.154, 2015,**IF= 2.129**

4. Frontal polymerization of acrylamide complex with nanostructured ZnS and PbS: their characterizations and sensing applications, Satyendra Singh, Archana Singh, **B.C. Yadav**, Poonam Tandon, Subodh Kumar, R.R. Yadav, Svetlana I. Pomogailo, Gulzhian I. Dzhardimalieva and Anatolii D. Pomogailo ***Sensors & Actuators B: Chemical***, 207 (2015) 460-469,**IF = 3.840**

5. Synthesis, characterization, magnetic measurements and liquefied petroleum gas sensing properties of nanostructured cobalt ferrite and ferric oxide, Satyendra Singh, Archana Singh, **B.C. Yadav,** Poonam Tandon,***Materials Science in Semiconductor Processing***,Volume 23, July 2014, Pages 122–135.**IF=1.761**

6. Synthesis, characterization, magnetic properties and gas sensing applications of $Zn_xCu_{1-x}Fe_2O_4$ nanocomposites,Archana Singh, Satyendra Singh, B.D. Joshi, Anuj Shukla, B.C. Yadav **and Poonam Tandon,** *Materials Science & Semiconductor Processing*, **Volume 23, (2014) 122–135,** IF=1.761**.**

7. Synthesis, characterization and performance of zinc ferrite nanorods for room temperature sensing applications, Archana Singh, Ajendra Singh, Satyendra Singh, Poonam Tandon, **B.C. Yadav**, R.R. Yadav, ***Journal of Alloys and Compounds***, 618 (2015) 475–483. **IF= 2.726**

8. Structural analysis of nanostructured iron antimonate by experimental and quantum chemical simulation and its LPG sensing, Satyendra Singh, Vineet Gupta, B.C. Yadav**, Poonam Tandon, Akhilesh Kumar Singh,** *Sensors and Actuators B: Chemical*,**195 (2014) 373–381.** IF = 3.840

9. Fabrication of self-assembled hierarchical ûowerlike zinc stannate thin ûlm and its application as liqueûed petroleum gas sensor, Satyendra Singh, Archana Singh, Meher Wan, R.R. Yadav, Poonam Tandon, S.S.A. Rasool,B.C. Yadav, *Sensors and ActuatorsB:Chemical* **205 (2014) 102–110.** IF = 3.840

10. **Nanocatalyst (Pt, Ag and CuO) Doped SnO_2 Thin Film Based Sensors for Low Temperature Detection of NO_2 Gas,Rakesh Kumar Sonker, Anjali Sharma, Monika Tomar,** B. C. Yadav **and Vinay Gupta,** ***Adv. Sci. Lett.*** **20, 1374-1377 (2014).** IF = 1.253

11. Humidity Sensing Investigations on Nanostructured Antimony-Substituted Tin Oxide Nanoparticles,Rama Singh, Satyendra Singh, Richa Srivastava, Akhilesh Mishra, and **B. C. Yadav**, *Adv. Sci. Lett.* 20, 887-894 (2014). **IF = 1.253**

12. Synthesis and Characterization of Copper Doped Tin Oxide for Humidity Sensing Applications,Rama Singh and **B. C. Yadav**, Adv. Sci. Lett. 20, 895-902 (2014). **IF = 1.253**

13. Low Temperature Operated NO_2 Gas Sensor Based on SnO_2-ZnO Nanocomposite Thin Film,Rakesh Kumar Sonker, Anjali Sharma, Monika Tomar, Vinay Gupta, and **B.C. Yadav**, *Adv. Sci. Lett.* 20, 911-916 (2014). **IF = 1.253**

14. Nanostructured Zinc Ferrite as Electrical and Optoelectronic Humidity Sensors, Richa Srivastava,Nidhi Verma, and**B. C. Yadav**, *Adv. Sci. Lett.* 20, 917-922 (2014). **IF = 1.253**

15. Synthesis of Copper Titanate Nanocomposite via Sol-Gel Method and Its Application as Liquefied Petroleum Gas Sensor,Nidhi Verma and **B. C. Yadav**, *Adv. Sci. Lett.* 20, 933-938 (2014). **IF = 1.253**

16. Synthesis and Characterization of Nanostructured Cobalt Zincate and Its Application as LPG Sensor,Anuradha Yadav and **B. C. Yadav**, *Adv. Sci. Lett.* 20, 939-945 (2014). **IF = 1.253**

17. Chemical Route Deposited SnO_2, SnO_2-Pt and SnO_2-Pd Thin Films for LPG Detection,Rakesh Kumar Sonker and **B. C. Yadav**, *Adv. Sci. Lett.* 20, 1023-1027 (2014). **IF=1.253**

18. **Polymer Matrix Nanocomposite Gas Sensing Materials, D. A. Pomogailo, S. Singh, M. Singh,** B. C. Yadav**, P. Tandon, S. I. Pomogailo, G. I. Dzhardimalieva, and K. A. Kydralieva, ISSN 0020_1685,** *Inorganic Materials*, ***2014, Vol. 50, No. 3, pp. 296–305.*** IF = 0.537

19. Nanostructured Zinc Ferrite thick film as room temperature liquefied petroleum gas sensor, Richa Srivastava, **B.C. Yadav**, Nidhi Verma Satyendra Singh, ***Journal of Experimental Nanoscience*** 02/2014; **Vol. 0, No.0, 1-15,** http://dx.doi.org/10.1080/17458080.2013.880001**IF= 1.043**

20. **Synthesis and characterization of CuO-SnO_2 nanocomposite and its application as liquefied petroleum gas sensor,Satyendra Singh, Nidhi Verma, Archana Singh,** B.C.Yadav**,** *Materials Science in Semiconductor Processing,***18C (2014), pp.88-96, DOI information: 10.1016/j.mssp.2013.11.002** IF=1.761

21. **Fabrication of iron titanium oxide thin film and its application as opto-electronic humidity and liquefied petroleum gas sensors, Nidhi Verma, Satyendra Singh,** B.C.Yadav**,** *Optics and Laser Technology***, 57 (2014) 181–188.**IF=1.649

List of Abstracts published/presented in Proceedings of Conferences

1. **Dr. B.C. Yadav"Fabrication of ZnO/MWCNTs nanocomposite thin film and its NO_2 sensing"** accepted.Euro Intelligent Materials 2015, 10-12 June 2015, Kiel Germany, entitled of the oral presentation,

2. **Dr. B.C. Yadav"BRIDGES 2015"** 16-17 January 2015, BBAU, **Lucknow**, entitled of the poster presentation **"Morphology Dependent synthesis of SnO_2 thin films and their characterization for NO_2 gas sensing application"**

   International Workshop Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation

3. **Dr. B.C. Yadav"Chemical route synthesis of ZnO nanoflower and its application as N_{O2} sensor"**National conference on Emerging Trends In Nanoscience and Nanotechnology 23-24 December 2014, MVP Samaj's Arts, Science and Commerce College, Ozar, **Nashik** entitled of the oral presentation 3rd International Conference on Nanotechnology **"NANOCON-2014"** 14-15 October 2014, Bharti Vidyapeeth University, **Pune** entitled of the oral presentation **"NO_2 sensing Properties of PANI-ZnO hybrid composite thin film"**

4. **Dr. B.C. Yadav "Synthesis and characterization Fe-doped TiO_2 by Sol-Gel method for LPG Sensor using precursor $TiCl_4$ at Room Temperature"** 2nd International Conference, KATHMANDU SYMPOSIA ON ADVANCEDMATERIAL-2014 **(KASAM-2014),** SEPTUMBER 7-10, 2014, **NEPAL** entitled of the presentation

5. **Dr. B.C. Yadav "LPG detection for SnO_2, PANI-$SnO_2$and Ag-SnO_2 composite film fabricated by Chemical route method"** 2nd International Conference, KATHMANDU SYMPOSIA ON ADVANCEDMATERIAL-2014 **(KASAM-2014),** SEPTUMBER 7-10, 2014, **NEPAL** entitled of the presentation

6. Dr. B.C. Yadav "Study of NO_2 Sensing metal oxide (SnO_2) thin film "International Symposium on Advances in Materials Characterization **(ISAMC-2014) BB Ambedkar University, Lucknow July 14, 2014, India** entitled of the presentation 2nd National Conference on **Multifunctional Advanced Materials, Shoolini University, Solan, H. P. June 11-13, 2014, India** entitled of the presentation "**PANI/Ni doped SnO_2 thin film based novel NO_2 gas sensor**"

7. **Dr. B.C. Yadav "Nanocatalyst (Pt, Ag and CuO) doped SnO_2 thin films for low temperature detection NO_2 gas"**National Conference on Nanotechnology and Renewable Energy **"NCNRE- 2014"** 28-29 April 2014, **Jamia Millia Islamia New Delhi** entitled of the presentation

8. **Dr. B.C. Yadav"NCNRE- 2014"** 28-29 April 2014, **Jamia Millia Islamia New Delhi** entitled of the presentation **"Effect of Polyaniline/ Titanium dioxide composite film for LPG sensing"** National Conference on Nanotechnology and Renewable EnergyNational Conference on Nanotechnology and Renewable Energy **"NCNRE- 2014"** 28-29 April 2014, **Jamia Millia Islamia New Delhi** entitled of the presentation **"Temperature and Orientation Dependent Ultrasonic Properties of AlN"**

9. **Dr. B.C. Yadav "Synthesis of Nanocrystalline Tin oxide in Polyaniline Matrix and its Application as NO_2 Gas Sensor"** 2st LUCKNOW SCIENCE CONGRESS **"LUSCON-2014"** held in **MARCH 27-28, 2014, BBAU, Lucknow**, entitled of the presentation

10. Richa Srivastava and **B.C. Yadav**, "Comparative Investigations on Metal Oxides Thin Films as High-Quality Restive type Moisture Sensor" International Workshop, Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation, Babasaheb Bhimrao Ambedkar University, Lucknow, 2015

11. Richa Srivastava and **B.C. Yadav**, "Effect of annealing on humidity sensing of nanostructured $CuFe_2O_4$ thick film" International conference on Pharmaceutical Conference-NANOFOR-MULATIONS AND TRANSLATIONAL RESEARCH: SMALL GETTING BIGGER", Babasaheb Bhimrao Ambedkar University, Lucknow,Feb 02-03, 2015.

12. Anamika Katheria, Ekta Singh, Sunita Sahani, Richa Srivastava, **B.C. Yadav**, 'Polymer Nanocomposite: An Overview', SRM International Conference on Science and Technology, SRMS College Bareli, 27-28 February 2015.

13. Ekta Singh, Sunita Sahani, Richa Srivastava, **B.C. Yadav**, 'Nanomaterials: Introduction, Synthesis and Application as Sensors', SRM International Conference on Science and Technology, SRMS College Bareli, 27-28 February 2015.

14. Shikha Srivastava, Satyendra, Richa Srivastava, **B.C. Yadav** 'Nanotechnology in the development of Solar Photovoltaic Cell', SRM International Conference on Science and Technology, SRMS College Bareli, 27-28 February 2015.

15. Satyendra, Shikha Srivastava, Stuti Prakash,Richa Srivastava, **B.C. Yadav,** "Introduction to Nanomaterials in Communication Sector", SRMS College Bareli, 27-28 February 2015.

Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences (if any)

NIL

5. 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 March2014, Varanasi, U.P., India.

- National Conference On "EMERGING TRENDS IN NANOSCIENCE AND NANOTECHNOLOGY" on 23 – 24 December 2014, Department of Physics, Arts, Sci. and Comm. College, Ozar (Mig), **Nasik**, MH, (India).
- DST-RFBR Project meeting at Metallopolymer Lab, Institute of Problems on Chemical Physics **Chernogoloka,** Moscow Region, Russia. 25th July -7th August 2014.
- "International Conference on Materials Technologies and Exhibitions (ICMTE-2014), Institute of Materials, **Kuala Lumpur**, Malaysia.13-16th May, 2014.

Session Chair

- INTERNATIONAL WORKSHOP: Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation, January 16-17, 2015, 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.
- 2nd Lucknow Science Congress, 27-28 March 2014, Babasaheb Bhimrao Ambedkar University, Lucknow-26025, U.P., India.
- International Conference on Advancements of Science & Technology: Health and Social Issues, Feb. 18-19, 2014, Babasaheb Bhimrao Ambedkar University, Lucknow-26025, U.P., India.

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, **Russia.**	25th July-7th August 2014	DST and RFBR	Indo-Russian Project
2.	Institute of Materials, Malasia, Kuala Lumpur, **Malaysia.**	13-16th May, 2014	UGC, BBAU	Delivering Invited Lecture during the International Conference (ICMTE-2014)

7. Research Guidance (if any)

S. No.	Name of student	Title	Date of submission of Thesis	Date of Award
1.	Dr. Nidhi Verma	***"Synthesis and characterizations of metal oxide nanocomposites and their applications as Humidity and L.P.G. Sensors"***	**19, June 2013**	**24th October 2014**
2.	**Ms. Rama Singh**	***"Synthesis and characterization of tin oxide based nanocomposites and their application as Humidity Sensors"***	**9, April 2014**	**26th May 2015**

Presently students working for their Ph.D.: 08

S.No.	Name of Ph.D. Scholars	Date of Joining	Title
1.	Mr. Rakesh Kumar Sonker	07-11-2012	Design and Fabrication of NO_2 Gas sensor using Nanostructured metal oxides thin film with Polymeric materials
2.	Mr. Saroj Radheshyam	07-11-2012	Synthesis and Characterization of Nanostructured Titania for Gas Sensor Applications
3.	Mr. Praveen Kumar	07-11-2012	Investigation on Band Gap Engineered Photovoltaic Nanomaterials and their properties
4.	Mr. Ravinder Kumar	07-11-2012	Synthesis and Characterization of conducting Polymer Composites And Their Applications as Humidity Sensors
5.	Ms. Samikxha Sikarwar	26-09-2013	Synthesis and Characterization of Metal Oxide Nanocomposite Films and their Applications as Opto-electronic Humidity Sensors
6.	Ms. Monika Singh	25-09-2013	Synthesis and Characterization of Nano-sized spinel and arthoferrites and their application as a gas sensor
7.	Mr. Shweta Goswami	06-08-2014	Design and Fabrication of Biosensors using Nanostructured Metal Oxide Thin Films for Detection of Diseases
8.	Mr. Utkarsh Kumar	08-08-2014	Synthesis of Nano-Carbon Structures with Functionalized Metal Oxides and Their Sensing Applications

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

NIL

Administrative Assignments

1. B.C. Yadav, Chairperson of School Board of School for Physical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow.
2. B.C. Yadav, Chairperson of Board of Post Graduate Studies, Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow.
3. B.C. Yadav, Chairperson of Departmental Research Committee, Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow.
4. B.C. Yadav, Coordinator of Admission Committee, Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow.
5. B.C. Yadav, Member of Board of Studies, Dr. R.M.L. Awadh University, Faizabad.
6. Chairperson to departmental committees for IQUAC, Placement, Alumani Cell, Women Cell, Extra Curricular Activities Cell, Women Cell, Cultural Cell, Grievance Cell, Anti Ragging Cell.
8. Google Scholar Profile (if available)

Top of Form

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

Top of Form

Citation indices	All	Since 2010
Citations	892	771
h-index	18	17
i10-index	30	30

Dr. Devesh Kumar

Associate Professor (Not Ratified)

Department of Applied Physics, Babasaheb Bhimrao Ambedkar University, Lucknow

Details of Faculty – Highest Qualification	
Name of the Highest Degree	Ph.D. (Physics)
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)	
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)**								
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. Ramesh Chandra

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):

   Project Title: Calculation of reliable nuclear transition matrix elements of neutrinoless double beta decay

   Funding agency: SERB (DST)

   Cost: Rs. 10,80,000.00
4. Research Publications(s):
   a. 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)

   b. International Conferences/Journal/ Paper Presentation (if any): Nil
5. 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.

6. Invited Speakers/Session Chaired in National/International Conferences detail (if any): Nil

7. Research Guidance (if any): Nil

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

9. Google Scholar Profile (if available):

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 4 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 (Scopus or Web of Science / google scholar)	**3**
Details of Faculty – Research and Publications (already obtained – in lifetime)	
patents/copyrights to your credit(in numbers)	
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)								
University awarded projects		INR						.		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

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 2014-15:** **02**

a. National conference/Journal/Paper Presentation (if any)-

b. International Conferences/Journal/Paper Presentation (if any)- **01** **(Internal Symposium)**

5. Participation in Orientation/Refresher Course/Workshop/Seminar/Conferences (if any)- **0**
6. Invited Speakers/Session Chaired in National/International Conferences detail (if any)- **0**
7. Research Guidance (if any)- **0**
8. Membership/ Fellowship of Professional/ Academic Bodies (if any)- **0**
9. Google Scholar Profile (if available): https://scholar.google.co.in/citations?user=Tp-RTbwAAAAJ&hl=en

Dr. Richa Srivastava

Assistant Professor,

M.Tech. Nano-optoelectronics Programme,

Department of Applied Physics, BBAU, LUCKNOW

1. Award & Recognition

(A) 'Novel Women Scientist Award'

NationalConference/Workshop on Synthesis, Characterization and Application of Advanced

Nanomaterials – 2014, Mathura, U.P., India

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)

Name of Project: UGC-Post Doctoral Fellowship for Women.

Duration: for Year (18 March 2011 to 20 November 2014)

Project sanctioned by University Grants Commission New Delhi.

4. Research Publications(s)

a. National conference/Journal/Paper Presentation (if any):

(1) **Richa Srivastava**, "Nanoferrite Thick Films as Room Temperature Moisture Sensor", April, 2014, National conference on Synergic trends on Engineering and technology"Impact on Industry and Society" Eshan College of Engineering and Technology, Mathura.

b. International Conferences/Journal/Paper Presentation (if any):

International Journals:

(2) **Richa Srivastava**, Effect of Poly Ethylene Glycolon Moisture Sensing of Copper Ferrite Nanocomposite, *American Journal of Sensor and Technology*, 3 (1) (2015)1-4.

(3) **Richa Srivastava**, B.C. Yadav, Nanostructured $ZnFe_2O_4$ thick film as room temperature liquefied petroleum gas sensor, *Journal of Experimental Nanoscience*, (2014) 1-15.

(4) **Richa Srivastava**, Nanocomposite $ZnNb_2O_6$ Thick Film as Room Temperature Liquefied

Petroleum Gas (LPG) Sensor, *American Journal of Sensor and Technology*, 2 (2) (2014) 25-28.

(5) **Richa Srivastava,** Nidhi Verma, B.C. Yadav, Nanostructured Zinc Ferrite as Electrical and Optoelectronic Humidity Sensors, Advanced science Letter,. 20, 917-922 (2014)

(6) Singh, Rama; Singh, Satyendra; **Srivastava, Richa**; Mishra, Akhilesh; Yadav, B. C., Humidity Sensing Investigations on Nanostructured Antimony-Substituted Tin Oxide Nanoparticles, Advanced Science Letters, Volume 20, Numbers 5-6, May 2014, pp. 887-894(8).

International Conerences:

(7) **Richa Srivastava**, "Investigations on Room Temperature LPG and Moisture Sensing Properties of Nanostructured Metal oxides Thick Films", 07-10 sep. 2014, Kathmandu, Nepal.

(8) **Richa Srivastava** and B.C. Yadav, "Comparative Investigations on Metal Oxides Thin Films as High-Quality Restive type Moisture Sensor" International Workshop, Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation, Babasaheb Bhimrao Ambedkar University, Lucknow, 2015

(9) **Richa Srivastava** and B.C. Yadav, "Effect of annealing on humidity sensing of nanostructured $CuFe_2O_4$ thick film" International conference on Pharmaceutical Conference-NANOFORMULATIONS AND TRANSLATIONAL RESEARCH: SMALL GETTING BIGGER", Babasaheb Bhimrao Ambedkar University, Lucknow,Feb 02-03, 2015.

(10) Anamika Katheria, Ekta Singh, Sunita Sahani, **Richa Srivastava,** B.C. Yadav, 'Polymer Nanocomposite: An Overview', SRM International Conference on Science and Technology, SRMS College Bareli, 27-28 February 2015.

(11) Ekta Singh, Sunita Sahani, **Richa Srivastava,** B.C. Yadav, 'Nanomaterials: Introduction, Synthesis and Application as Sensors', SRM International Conference on Science and Technology, SRMS College Bareli, 27-28 February 2015.

(12) ShikhaSrivastava, Satyendra, **Richa Srivastava**, B.C. Yadav 'Nanotechnology in the development of Solar Photovoltaic Cell', SRM International Conference on Science and Technology, SRMS College Bareli, 27-28 February 2015.

(13) Satyendra, ShikhaSrivastava, Stuti Prakash, **RichaSrivastava**, B.C. Yadav, "Introduction to Nanomaterials in Communication Sector", SRMS College Bareli, 27-28 February 2015.

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

a. INTERNATIONAL WORKSHOP Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation. 2014, **Talk**

ii. Kathmandu Symposium for Advanced Materials, Kathmandu, Nepal, 07-10, Sep. 2014.

iii. NationalConference on Green Technology, 11-12, 2014 July, Mewar University, Chittourgargh, Rajasthan. **Invited Talk**

iv. International Symposium on advanced Materials Chracterization, 14 July 2014,Babasaheb Bhimrao AmbedkarUniversity, Lucknow. **Invited Talk**

v. National conference on Synergic trends on Engineering and technology "Impact on Industry and Society" -2014, Eshan College of Engineering and Technology, Mathura. **Invited Talk**

vi. National conference on Synergic trends on Engineering and Technology "Impact on Industry and Society" 25-26, April 2014, Eshan College of Engineering and Technology, Mathura, **Invited Talk.**

6. Invited Speakers/Session Chaired in National/International Conferences detail (if any)

Invited Speaker (Invited Talk: 04)

1. **Invited Talk**, Kathmandu Symposium for Advanced Materials, Kathmandu, Nepal, 07-10, Sep. 2014.

2. **Invited Talk**, International Symposium on advanced Materials Chracterization, 14 July 2014, Babasaheb Bhimrao Ambedkar University,Lucknow.

3. **Invited Talk**, NationalConference on Green Technology, 11-12, 2014 July, Mewar University, Chittourgargh, Rajasthan.

4. **Invited Talk**, National conference on Synergic trends on Engineering andtechnology "Impact on Industry and Society" –April: 2014, Eshan College of Engineering and Technology, Mathura.

Session Chaired

(1) National Conference on Green Technology, 11-12, 2014 July, Mewar University, Chittourgargh, Rajasthan

7. Research Guidance (if any)

(1) Co-Guide of M.Sc Thesis entitled "**METAL OXIDE NO_2 GAS SENSORS: A REVIEW**" DAP, BBAU, Lucknow

(2) Co-Guide of M.Sc Thesis entitled "**FABRICATION OF SOLAR CELL USING NANOSTRUCTURED TITANIA**" DAP, BBAU, LUCKNOW

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

1. **Member of Editorial Board:** Proceeding of NWNNT-2007

2. **Member of National Advising Committee** of Mewar University, Chittourgargh, Rajasthan

3. **LIFE MEMBER:** Indian Science Congress Association(**ISCA**), membership in Indian Physics Association **(IPA)** and Material Research Society of India **(MRSI)**

4. **Member of Women, Antiragging, Culturer and extracurricular activity cell of** Department of Applied Physics, BBAU, Lucknow. 9. Google Scholar Profile (if available)

Citation indices	All	Since 2010
Citations	218	196
h-index	8	8
i10-index	8	8

GAUTAM BUDDHA, LIBRARY

i. About the Library

The Central Library, BBAU, Lucknow has been named as Gautam Buddha Library after name of Loard Gautam Budhha. The foundation of the library services of Babasaheb Bhimrao Ambedkar University, Lucknow was laid in January 1998. Keeping with the version and mission of the University, the library has been established "to promote knowledge and application through its effective dissemination of knowledge and information". The library acts as learning resource centre of the University to supplement education and information needs of the faculty and students. It also provides information services and facilities to meet the requirement of the teaching, training and research programmes. The library services are also open to University staff and visitors. During the Year 2014-15, the modular furniture has been brought for the students. Now the reading capacity of the Library has increased as 500 at a time. The inauguration of the Lifts in the Library has done by the Hon'ble Vice Chancellor by this; the movement of students from one to another floor is become easy.

ii. Location

The library has shifted in its newly constructed four floors building on 15th September, 2013 which is situated in the central place of the University. The new Library building consists of an area of 7000 sq. mtr. Including the basement. The library has a capacity to seat more than 500 users at a time.

iii. 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 am to 5:00 pm.

iv. Membership for the year

Serial No.	Type of Membership	Male	Female	Total
1.	Faculty	65	24	89
2.	P.G. Students	756	644	1400
3.	U.G. Students	224	51	275
4.	Ph.D. Students	59	33	92
5.	Non-Teaching	19	03	22
6.	Guest Faculty	09	03	12
Total				**1800**

v. Online Facilities

The library subscribed to 14 major databases in various areas of Science, Social Science, Arts and Humanities, Engineering and Law provides electronic access to 8257 full text e-journals through UGC_INFONET Digital Library Consortium, Ahmadabad. The breaks up details of the same are given below:

Bibliographic Database

S. No	Name of Bibliographic Database
1	http://pubs.acs.org/**ISID**
2	**JCCC**

Full Text Online Database

S. No	Name of Database	No. of Full Text Journals
1	American Chemical Society	37
2	Cambridge University Press	224
3	Economic & Political Weekly	1
4	Emerald	29
5	Institute of Physics	46
6	JSTOR	2585
7	Oxford University Press	206
8	Project Muse	493
9	Science Direct (10 Subject Collection)	1036
10	Springer Link	1613
11	Taylor & Francis	1079
12	Wiley-Blackwell	908
Total Full Text Journals		**8257**

vi. Library Services

Library provides several services to its user community given as under

a. **Reprography or Xeroxing:** Library provides Xerox facilities in the library premises on a nominal cost of Rs.0.50/ page.

b. **Document Delivery Services** (DDS): Library provided printed copy of articles which is requested by the users under DDS. In the year 2014-15, several articles have been delivered to users.

c. **Email Alert:** Library using an email i.e. ***centrallibrary.bbau@gmail.com*** to

provide alert services such as article and reservation, etc. to the users.

d. **New Arrival:** Library opened a section for display of the new arrival books.

e. **Hindi Prakosth:** Library also extended its services in the form of 'Hindi *Prakosth' by* which use of Hindi collection of books encouraged.

f. **Braille Section:** In the Library several new sections have been established in which Braille section is one of them. In this section, two PCs have installed one for the visually challenged and another for lower vision people. This facility has increased not only to the student of this University but also for other people of the society.

g. **Cyber Section:** This is the new section start from the Month of January, 15. Presently, a total of 25 computers with the facility of access to internet have been installed. The strength of the section is 50 computers that shall be installed in coming future. The Library is Wi Fi enabled. The users access Wi-Fi facility by using their Laptops and Tablets.

h. **Research Floor:** This section is exclusively started for the Research Scholars and the faculty members. Presently, the capacity of the section is 30 scholars. The section is plan for open up to mid night every day.

i. **Text Book Section:** On the demand of the students, a separate section is opened, so that the students could read the books of their curriculum and subjects.

j. **Thesis Section**: A separate theses section is started during the year. In this section the scholars can use the theses on the recommendation of their respective supervisor.

k. **Toppers' corner:** This section 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.

l. **Technical Section:** In this section the technical processing of the document is ensured. The technical work i.e. classification is conducted by using DDC 23rd Edition. After acquisition of the documents the technical processing is must that provides easy retrieval of the documents.

m. **Faculty Publication:** A section meant to display faculty publication is created in the Library. Till date more than 50 articles and Book Chapters have being displayed.

n. **Periodical section:** The periodical sections renovate during the year and new sub section i.e. Reports, Faculty Publication, Magazines have been created inside this section.

vii. **Library Automation:** The Library is automated by using an Open Source Software namely Koha. Several sections such as circulation, OPAC and WebOPAC have been started with the help of KOHA. There were 32,000 Books entries have been migrated to this software. Now, everywhere users can access Library catalogue. There were more than 1900 Library users have been also entered.

viii. Library Statistics:

a. Periodical Section:

Total of Number of Periodical =35 Gifted

Total Number of Magazines	=	12 (6 Hindi), (6 English)
Electronic Database	=	14
Full Text electronic Journals	=	8257
Bibliographic Databases	=	02
Total Amount Spent on Newspaper	=	Rs. 19267/-
Total Amount Spent on Newspaper	=	Rs. 10363/-

b. **Acquisition Section:**

Total Number of Books as on 31/03/2015	=	38676
Books Purchased during the year 2014-15	=	6683

	Books Purchased for Department Libraries	=	3469
	Expenditure on Books During the year 2014-15	=	Rs. 16884036 –
c.	**Circulation Section**		
	Book Issue during the year 2014-15:	=	43345
	Users registered for consultation:	=	43061
	Overdue Charges:	=	Rs.28383/-
	Total Membership as on 31/03/2015	=	1890

ix. Library Staff

1. Prof. K. L. Mahawar, In-Charge Librarian, MLISc. , CIC, PhD. (Library and Information Science)
2. Om Prakash Saini, Assistant Librarian, (M.A., M. Lib. & Info. Sc., M. Phil. (Library and Information Science), UGC-NET and JRF)
3. Nilesh Kumar, Professional Assistant, (B.Sc. (Math), M. Lib. & Inf. Sc., UGC-NET)
4. Rina Kumari, Library Assistant, (M.A., M. Lib. & Inf. Sc.)
5. Satvinder Kaur, Library Attendant, (M.A., M. Lib. & Inf. Sc.)

x. Publication

a. Articles Published in Journals

1) **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, p. 27-29.

2) **Saini, O. P.** (2014). Document Delivery Service by Central Library, Babasaheb Bhimrao Ambedkar University, Lucknow: A Study.*DESIDOC Journal of Library and Information Science*. Vol. 34 (5). 435-439pp.ISSN: 0974-0643.

3) **Saini, O. P. and Singh, Malkeet.** (2014). Institutional Repository. In Encyclopaedia of Information Science and Technology, 3rd Ed. Hershey, PA (USA): IGI Global Publication. 6697-6703pp. ISBN: 9781466658882. DOI: 10.4018/978-1-4666-5888-2.ch658.

4) **Saini, O. P**. (2014). An Evaluative Study of Document Delivery Service of BBA University, Lucknow. *Journal of Information Management.Vol.1 (2)*.113-118pp.ISSN: 2348-1765

5) **Singh, Malkeet and Saini, O. P. (2014).** Pods cards: New horizon to deliver library and information service. Proceeding of the Tecnia-SRFLISindia Summit-2014 International Conference on Content to Connectivity on 11-12 April 2014 organized by SRFLIS India, New Delhi.

b. Book/Proceeding Published

1) **Mahawar, K.L**.; Singh, M.P.; Sonkar, S.K. et al. **(2015).** Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015) (proceeding of the conference). Bharti Publishers and Distributors, Faizabad (U.P.) ISBN: 978-93-81797-80-8. P. 1-367

c. Conference and Seminar Attended:

1. Prof. K. L. Mahawar

1. National Seminar on "Changing Paradigm of Libraries in Higher Education" Organized by DLIS, BBA University, held at Auditorium University, Lucknow.- during 25th March 2015
2. Attended and also chaired a technical session at National Seminar on Issues and Challenges for Development of Public Libraries in India (NSICDPLI-2014) held on December 13, 2014 at MLRSM Auditorium, Lucknow (U.P)

O. P. Saini

3. Attended and the Tecnia-SRFLISindia Summit-2014: an International Conference on Content to Connectivity during 11-12 April 2014 organized by SRFLIS India and Technia Institute of Advance Study, New Delhi.
4. Attended a Regional Training and Awreness Program on J-Gate@UGC-

INFONET on August 11th, 2014 at University of Delhi, Delhi. Jointly organised by INFLIBNET and Informatics Publishing.

5. Participate as a Committee member in the National Seminar on Changing Paradigm of Libraries in Higher Education (NSCPLHE-2015) organised by the Department of Library and Information Science, Babasaheb Bhimrao Ambedkar University, Lucknow on March 25, 2015.

d. Research Guidance:

Prof. K.L. Mahawar

1. Guided MLISc students for their Dissertation work.
2. M. Phil Degree awarded
3. 03 Ph.D. submitted

e. 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)

O. P. Saini

1) Life Member of Indian Library Association (ILA)
2) Life Membership of Delhi Library Association (DLA)
3) Life Membership of Satija Research Foundation for Library and Information Science,(SRFLIS) New Delhi.

f. Invited speaker /session chaired in national/international conference\

Prof. K.L. Mahawar

1. Chaired a technical session at National Seminar on Issues and Challenges for Development of Public Libraries in India (NSICDPLI-2014) held on December 13, 2014 at MLRSM Auditorium, Lucknow (U.P)
2. Delivered 04 lectures Academic staff college, Allahabad University, Allahabad in refresher course.

UNIVERSITY 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. the University through its constituents also has continual interaction with reputed national and multinational companies that visit the campuses for recruiting the graduating students.

Fundamental Functions of the Central Placement Cell:

The Central Placement Cell functions with full time academic and professional staffs. The functions of the Cell are as follows:

To guide and help students to find a work placement that best suits their career goals. This involves training the students in all Steps for a Work Placement.

- To have close liaison with the industry for placement of the students,
- To help students Preparing their CVs, & Covering Letters.
- To organize the entrepreneurship workshops,
- Training students in Aptitude Tests and Interview Techniques,
- Also involving in constant Job Search, finding Work Placement Opportunities and giving the students General Advice and Guidance.
- Gathering information about the Companies that required the skilled People.
- Identifying potential placement opportunities.
- To establish Contacts with corporate bodies.
- To collect feedback from the companies coming for placement,
- Arranging Industrial Visits for project work for all courses.
- The Cell provides the infrastructural facilities to conduct group discussions, tests, and interviews besides catering other logistics.
- The training and placement cell facilitates the process of placement of students passing out from the university.

Activities and Achievements

Activities and Achievements during Academic Year 2014-15(May,2014 onwards)

Sl. No.	Company Name	Workshop/ Placement Meet	Date	No. of Participate Student	No. of Selected Student
1	Institute of Transgene Life Sciences	Workshop	29 may 2014	90	04
2	Institute of Transgene Life Sciences [ITLS]	Workshop	07th june 2014	87	12
3	Idea Cellular Ltd. (Prospective opportunities in telecom industry forbudding professional)	Workshop	09 Oct 2014	235	
4	Atlas Recruitment Solution & Corporate Services	Workshop	20 Nov 2014	150	108(Internship / Training)
5	HDFC Bank	Workshop	06 DEC 2014	50	02 (Permanent)
6	The Gaheli Group	Workshop	15 Jan 2015	65	First round over
7	Mylan Laboratories Ltd	Placement Meet	11 Feb 2015	129	First round over
8	NIIT	Placement Workshop	12 Feb 2015	82	First round over
9	Grofers, Locodel Solutions Private Ltd., Gurgaon, 122015	Placement Meet	16th May,2015	11	Interview is over.

RESIDENTIAL COACHING ACADEMY

A. Introduction of the Department

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. It came into being in 2009 and started to function in 2010. The RCA is established with a motto of nurturing the aspirants of various competitive exams belonging to SC, ST, Minorities and women with residential facilities during their coaching period. The competitive exams include Union Public Service Commission, State Public Service Commission Exams, Railway Recruitment Board, Staff Selection Commission and other Banking Probationary exams. The candidates are selected based on National Level test. RCA is under project mode which was initially for a period of three years (September 2012). Then, it has been extended upto the end of XII five year plan i.e. 31.3.2017. It is also having a separate hostel for boys (100 candidate's capacity) provided with table, chair, cot and mattresses. The hostel building for girls is yet to be sanctioned by UGC. Till then girls are accommodated at the University's A-type quarters. The RCA is having separate building for class rooms and administration. It also having library with 1235 books exclusively meant for various competitive exams. It is procuring a multiple copies of 7 National Dailies and 9 periodicals. RCA is also having separate computer laboratory with 19 Desktops with WiFi connection.

B. Department level academic activities

RCA came into being in 2009 and started to function in 2010. The coaching classes are conducted by the highly qualified professionals in the field of competitive exams. Including present batch, so far, 529 students are provided with a coaching for various exams like, UPSC, UPPSC, UPPSC (Judicial Services), SSC, Banking, RRB. 29 candidates are successful in securing various Government Jobs. Also, the Academy arranges motivational lectures time to time for the benefit of the students

C. 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.

D. 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. YuvanaSatyaPriya

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.)Microsatetllite markers published in NCBI database: 15 SSR markers.

3. Details of the project Sanctioned/Executed (during 01.04.2014 to 31.03.2015)

4. Research Publications (s)

A. Research Articles :Dr. Yuvana Satya Priya

1. Roost selection and roosting ecology of fulvous fruit bat, *Rousettusleschenaulti* (Pteropodidae)VirendraMathur, Vadamalai Elangovan, Mukesh Kumar and **YuvanaSatyaPriya** 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, **YuvanaSatyaPriya ,** 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 (Morussp.). 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. Participationin 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.5th to 31st May 2014 (**27 Days).**

6. Invited Speaker/Session Chaired in National/International Conferences detail(ifany)

7. Research Guidance (if any)

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

A. Memberships

Dr. YuvanaSatyaPriya

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)

Dr. YuvanaSatyaPriya

Citation indices	All	Since 2010
Citations	81	58
h-index	6	5
i10-index	5	2

Centre for Remedial Coaching Programmme (RCP)

Remedial Coaching Programme

(RCP) has been sponsored by the University Grants Commission, New Delhi and Babasaheb Bhimrao Ambedkar University has been organizing regular remedial coaching classes for the benefit of underprivileged students after its inauguration by Hon'ble Ex. Vice-Chancellor Prof. G. Nancharaiah on Feb 4th 2002 onwards.

Evolution of the Centre (one page write up)

- Soon after the UGC sanctioned the project, University initiated the coaching programme with its first year of implementation of program 55 students have been registered with 40 male and 15 female students. Counselling of the students has been conducting since 2002 onwards.
- During X plan period the coaching programmes were conducted on following areas under :-

1. Computer hands on training
2. Language & Communication Skills
3. Personality development
4. General Aptitude and Competitive awareness
5. Special lectures were delivered on the preparation of UGC–NET, CSIR Life sciences etc.

The coaching classes are conducted by highly qualified professionals from IIM Lucknow, IIT Kanpur, KGMU Lucknow, CSIR institutes Lucknow, SGPGI Lucknow, Giri institute Lucknow, IAS/PCS Coaching Centre Bhagedhari Bhavan, Lucknow, University of Lucknow, and our University actively contributed in order to provide maximum benefit to underprivileged students.

- During XI plan period the coaching programmes were conducted on followingareas 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:** In order to ensure that more and more SC/ST/ Minority and OBC (non-creamy layer) candidates become eligible to apply for teaching posts, the UGC will continue the scheme for coaching SC/ST and Minorities to prepare for National Eligibility Test (NET) or State Level Eligibility Test (SLET) for Lecturers, during the XIth Plan and same programme has been conducted by the University under merged scheme.

3) **Coaching for Entry in service:** To prepare students belonging to SC/ST/OBC (non-creamy layer) and Minority communities to get gainful employment in Group 'A', 'B' or 'C' Central services, State services or equivalent positions in the private sector, coaching has been initiated during the XI plan period.

Conduction of Special lecture classes: Centre is also inviting **renowned resource persons** who have made a mark in their respective areas of work for delivering Special lectures for preparation of Civil Service and NET Examinations.

Counseling of the students: Time to time counseling of the students is being conducted for creating awareness about higher education and importance of UGC Scheme.**Summary table (programs – wise)**

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

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 drop out 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. R.B.Ram	Director (I/C)	M.Sc. (Ag.), Ph.D. (Horticulture) B.H.U	All Branches of Horticulture, especially fruit Science (Pomology) in Agricultural Sciences
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/ Honors/ 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. R. B. Ram

1. Kumar, A; Ram, R. B.; Meena, M.L.; Raj, U. and Anand, A. K. (2014). Effect of biofertilizers on morphological characteristics in Aonla grafted plants. Environment & Ecology. 32(4a): 1502-1505.
2. Chandra, R.; Ram, R. B.; Prakash, J.; Nath, D.; Kumar, S. and Kumar, M. (2014). Effect of foliar application of micro-nutrients on growth and yield components of Tomato (Lycopersicon esculentum Mill.). Trends in Biosciences.7 (3): 461-464.
3. Ranjeet; Ram, R.B.; Prakash, J. and Meena, M.L. (2014). Growth, flowering, fruiting, yield and quality of tomato (Lycopersicon esculentum Mill.) as influenced by plant bio-regulators.
4. Singh, D. K.;Ram, **R. B.** and L. P. Yadava. (2013). Preharvest treatment of Ca, K, and B reduces softening of tissue in 'Dashehari' Mango. International Journal of Fruit Science. 13(3): 299-311.
5. Sharma, G.; **Ram, R. B.;** Sharma, K.L.and M. L. Meena. (2013). Effect of organics and inorganics on soil nutrient status, nutrient uptake and yield in tea plantations of North – western Himalayas. International Journal of Tea Science. 9(1): 11-19.
6. Babu, M.; Dwivedi, D. H.; Yogita; **Ram, R.B.**and M. L. Meena. (2013). Bioaccumulation and distribution of heavy metals in water chestnut (Trapa natans var. bispinosa Roxb.) in the Lucknow Region. African Journal of Agricultural Research. 8(2): 2765 – 2768.

7. Meena M. L.; Ram, R. B.; Dwivedi, D. H. and Bharti, Navaldey.(2013). Estimation of biological divergence in cabbage (Brassica oleracea var. capitata L.). Progressive Horticulture. 45 (2):351-354.

8. Mani, S.; Meena, M.L.; Kumar, V. and **R.B. Ram**. (2013). Impact of INM on growth and yield of Phalsa. Environment and Ecology. 31 (2B). 898 – 903.

9. Lata, R; Dwivedi, D. H.; **Ram, R.B.**and M. L. Meena. (2013). Influence of microbial, organic and inorganic sources of nutrients on growth parameters of strawberry. Hortflora Research Spectrum. 2(2): 135 – 138.

10. Sharma, G.; Ram, R. B.; Yogita; Mena, M. L. and Lata, Rubee. (2013). Efficacy of nutrient uptake and nutrient status of tea through organic and inorganic fertilizers under agro-ecosystem in North-West Himalayas. Indian Journal of Agroforestry. 15(1): 30-35.

11. Sharma, G; **Ram, R. B.;** Sharma, K.L.and M. L. Meena. (2013). Integrated nutrient management in tea through organic farming for sustainability of tea productivity and high quality under hill and mountain agro – ecosystem. Plant Horti Tech Magazine. December – January: 42 – 47.

12. Dwivedi, D. H.; Lata, R.; Ram, R. B. and Babu, M. (2012). Effect of bio-fertilizer and organic manures on yield and quality of 'Red fleshed' Guava. Acta Horticulture. 933:239-244.

13. Kumar, D.; Ram, R.B.; Kumar, S.; Maji, S. and Kumar, M. (2013). Variability and physico-chemical studies in snap melon (Cucumis melo var. momordica). The Asian Journal of Horticulture. 8(2): 751-75.

14. Lata, R; Dwivedi, D. H.; **Ram, R.B.;** Meena, M. L. and Babu, M. (2013). Impact of Integrated Nutrient Management on growth parameters of strawberry cv. Chandler under sub-tropical conditions of Lucknow. International Journal of Advanced Biological Research. 3(3): 418 - 421.

A.3. Research Publication by

Prof. Sartik Bagh

Books:

Decentralising Education: Role of community participation and Panchayati Raj (Book), 2005, Gagandeep Publications, New delhi.

Articles/Papers:

Kalahandi - The land of starvation, 23rd 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: RichVs. Poor (accepted in Indaian Journal of Political science, Pune).

Coalition politics Multiple implications and Consequences.

Ongoing works (at different stage):

Justice, part-I chapter for e – PG Political science. MHRD

Justice, part –II chapter for e – PG Political science, MHRD

Democratic conception in 20th Century, IGNOU Ploitical science chapter Caste discrimination and beyond, seminar paper.

B. Highlight of Research work (100 words)

My research work primarily fall in the domain of education, food Security, Indian politics / Coalition politics and hosts of other topics which 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 there is a major project is sponsored by ICSSR, New Delhi. I have paper published on Indian politics, Politics theory. Presently associated with an international project on rural migration and construction industry. My ongoing and future research work includes Left Parties' Role in Indian Parliament,

Base Model of development: looking for an alternative etc.

Special Cell for the Welfare of Scheduled Castes & Scheduled Tribes (SC/ST Cell) & Central Monitoring Record Keeping Unit (CMRK Unit)

OBJECTIVES

- To Implement the Reservation Policy of GOI/MHRD/UGC/BBAU for SCs/STs in the University.
- To Collect Data Regarding the Implementation of the Policies in Respect of Admissions, Appointments to Teaching and Non-Teaching Positions in the University, and Analyse the Data Showing the Trends and Changes Towards Fulfilling the Required Quota.
- To Take Follow up Measures for Achieving the Objectives and Targets Laid Down for the Purpose by the Government of India and the UGC.
- To Implement, Monitor and Evaluate Continuously the Reservation Policy in University and Plan Measures for Ensuring Effective Implementation of the Policy and Programme of the Government of India.

Constitution Of Advisory Committee For Welfare Of Scheduled Castes/ Scheduled Tribes

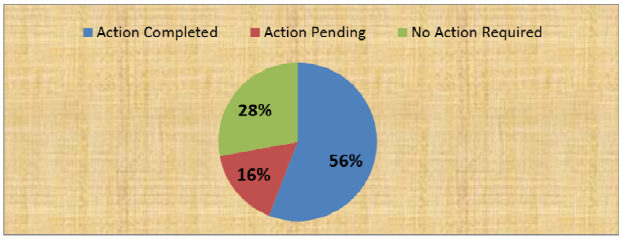
S. No.	Name	Designation
01	Vice Chancellor	Chairman
02	Registrar	Member
03	Prof. R. B. Ram	Member
04	Prof. M. Y. Khan	Member
05	Prof. Vipin Saxena	Member
06	Dr. Sanjay Kumar	Member
07	Dr. Sudarshan Verma	Member
08	Dr. B. B. Malik	Member
09	Shri N. K. S. More	Member
10	Dr. L. C. Mallaiah	Member
11	Dr. 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 2014-15

S.No.	Details of Meetings	Status
1.	8th Advisory Committee Meeting (Dated 30.07.2014)	ATR completed
2.	9th Advisory Committee Meeting (Dated 14.08.2014)	ATR completed
3.	10th Advisory Committee Meeting (Dated 18.09.2014)	ATR completed
4.	11th Advisory Committee Meeting (Dated 26.11.2014)	ATR completed
5.	Review Meeting of 8th, 9th, 10th, & 11th Advisory Committee Meeting (Dated 03.03.2015)	Minutes in process of circulation
6.	12th Advisory Committee Meeting (Dated 03.03.2015)	Minutes in process of circulation

Summary of 8th, 9th, 10th& 11th Meetings of Advisory Committee For Sc/St Held on 30.07.2014, 14.08.2014, 18.09.2014 & 26.11.2014

Agenda Items	Resolution	Action Taken	Current Statues		
			Action Completed	Action Pending	No action Required
31	47	68	38	11	19



Post-Matric Scholarship And Fee Reimbursement Online Applications Forwarded During 2014-15 To The Social Welfare Office, Lucknow (In Nos.)

S. No.	Category	Total received	Verified	Rejected	Total Forwarded
1	All Category	1127	1123	4	1123
2	OBC	212	212	0	212
3	SC	544	540	4	540
4	ST	14	14	0	14
5	Minority	54	54	0	54
6	General	303	303	0	303

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.
- Financialassistance of @ Rs.3000/- is being provided to the SC/ST research scholars forpreparation of Ph.D. thesis

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.

OTHER INFORMATION

Present status of enrolment of SC/ST & PWD students in the University against **3082 total enrolment** of students.

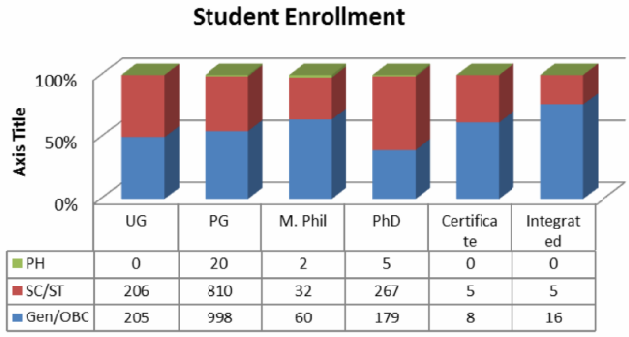
- SC – 1412 (385 SC Hosteller students)
- ST – 76 (25 ST Hosteller students)
- PWD – 29 (6 PWD Hosteller students)
- Total Hosteller - 791

Present status of available hostels for SC/ ST students against total numbers of 6 hostels.

- One 100 bedded Hostel for Boys students.
- One 100 bedded Hostel for Girls students.
- All buildings of the University have the provision of rampsfor PWD students

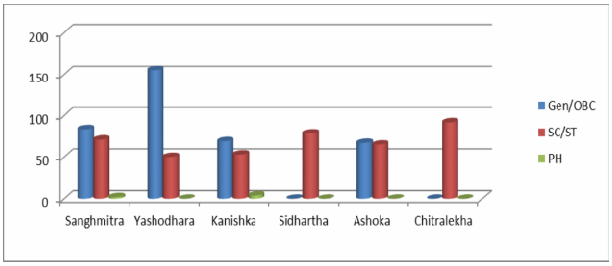
STATISTICAL REPRESENENTATION OF THE UNIVERSITY

Students Enrollment



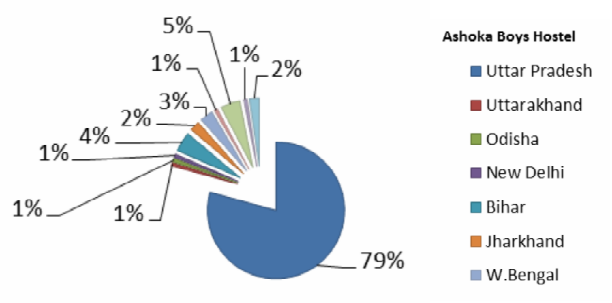
Details of Hostelers

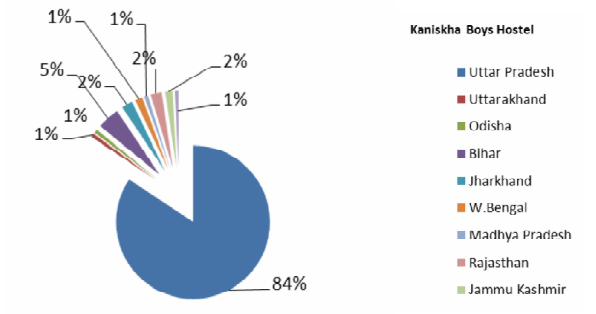
Department	Intake Capacity	Gen	SC	ST	OBC	PH	Total
Sanghmitra Girls Hostel	162	69	62	09	15	02	157
Yashodhara Girls Hostel	206	133	49	01	22	0	205
Kanishka Boys Hostel	132	69	49	04	0	04	126
Siddhartha Boys Hostel	100	0	77	02	0	0	79
Ashoka Boys Hostel	136	61	58	07	06	0	132
Chitralekha Girls Hostel	94	0	90	02	0	0	92

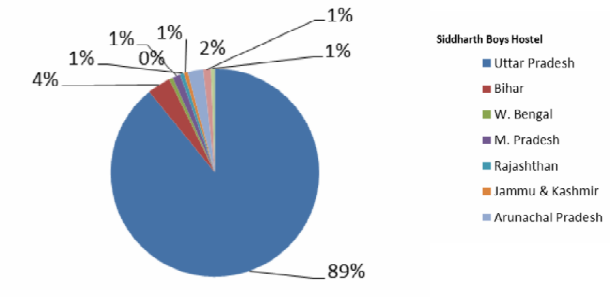


State Wise Details of the BOYS residing at the various hostels of the University

State	Ashoka Boys Hostel	Kaniskha Boys Hostel	Siddhartha Boys Hostel
Uttar Pradesh	103	108	148
Uttarakhand	1	1	0
Odisha	1	1	0
New Delhi	1	0	0
Bihar	6	6	6
Jharkhand	3	3	0
W.Bengal	4	2	1
Madhya Pradesh	0	1	2
Himachal Pradesh	1	0	0
Rajasthan	6	3	1
Myanmar	1	0	0
Jammu Kashmir	3	2	1
Arunachal Pradesh	0	0	4
Nepal*	0	1	0
Andhra Pradesh	0	0	2
Assam	0	0	1
Total Students	130	128	166

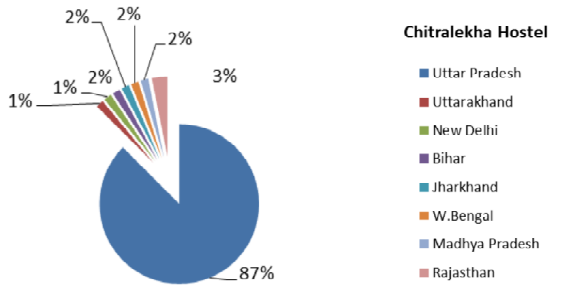


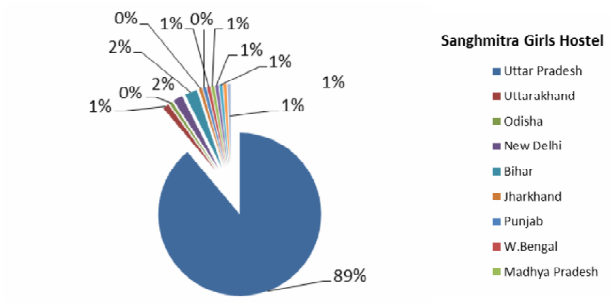


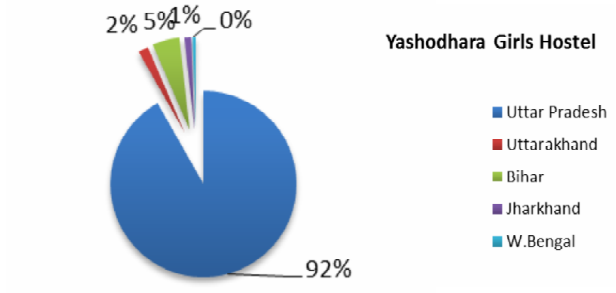


State Wise Details of GIRLS Residing at Various Hostels of the University

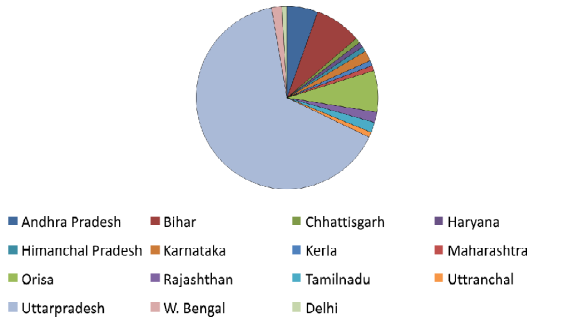
State	Chitralekha Hostel	Sanghmitra Girls Hostel	Yashodhara Girls Hostel
Uttar Pradesh	56	144	156
Uttarakhand	1	2	3
Odisha	0	1	0
New Delhi	1	3	0
Bihar	1	4	8
Jharkhand	1	1	2
Punjab	0	1	0
W.Bengal	1	1	1
Madhya Pradesh	1	1	0
Rajasthan	2	0	0
Jammu Kashmir	0	1	0
Meghalay	0	1	0
Kerala	0	1	0
Sikkim	0	1	0
Total Students	64	162	170



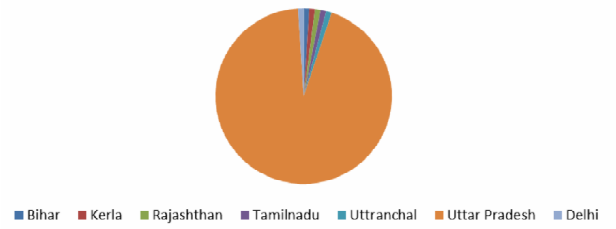




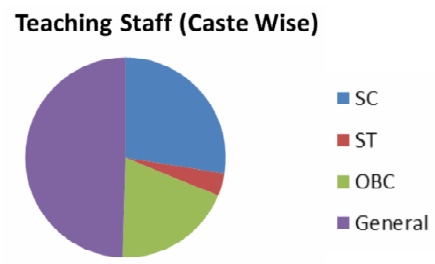
Non-Teaching Employee working in the University (State Wise)



Teaching Staff (Caste Wise)



Non Teaching Staff (Caste Wise)



Teaching Staff working in the University (State Wise)

Details of Total Staff (Teaching & Non-Teaching) (as on date 31/03/2015)																					
Name of the Post	Number of Posts			Number in Position out of Total Filled																	
	Sanc-tioned	Filled	Vacant	Gen			OBC			SC			ST			PWD			Total		
				M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Professor	27	9+4*=13	18	10	3	13	0	0	0	0	0	0	0	0	0	0	0	0	10	3	13
Associate Professor	49	34-4+1* =31	15	22	4	26	0	0	0	4	1	5	0	0	0	0	0	0	26	5	31
Assistant Professor	99	64-1=63	35	21	15	36	12	4	16	6	1	7	4	0	4	0	0	0	43	20	63
Research Associate	2	2	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	2	0	2
Total	**177**	**109**	**68**	**54**	**22**	**76**	**12**	**4**	**16**	**11**	**2**	**13**	**4**	**0**	**4**	**0**	**0**	**0**	**81**	**28**	**109#**
Group A	23	12	11	7	2	9	1	0	1	2	0	2	0	0	0	0	0	0	10	2	12
Group B	35	24	11	11	4	15	7	1	8	1	0	1	0	0	0	0	0	0	19	5	24
Group C	90	61	29	20	4	24	13	3	16	17	3	20	1	0	1	0	0	0	51	10	61
Total	**148**	**97**	**51**	**38**	**10**	**48**	**21**	**4**	**25**	**20**	**3**	**23**	**1**	**0**	**1**	**0**	**0**	**0**	**80**	**17**	**97#**
Grand Total	**325**	**206**	**119**	**92**	**32**	**124**	**33**	**8**	**41**	**31**	**5**	**36**	**5**	**0**	**5**	**0**	**0**	**0**	**161**	**45**	**206**
Media Centre	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**350**	**206**	**144**	**25**	**5**	**372**	**0**	**0**	**123**	**3**	**1**	**108**	**0**	**0**	**15**	**0**	**0**	**0**	**161**	**45**	**206**

* 4 Associate Professor Promoted on Professor in the CAS (i.e. Dr. Vipin Saxena, Dr. D.P. Singh, Dr. Priti Saxena, Dr. K.L. Mahawar)

** 1 Assistant Professor Promoted on Associate Professor in the CAS (i.e. Mr. N.K.S. More)

#RCA and CSSEIP staffs are included

UNIVERSITY COMPUTER CENTRE

Computer Center was established in the year 2008; Computer Centre provides quality service to the University community in computing facilities.

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 time to time.

Services

1. Computer Centre supports an Local Area Network that connects all the academic units, hostels, library and other central facilities to the Computer Centre
2. BBAU main website maintenance and hosting
3. University Email server maintenance and hosting
4. Web based Application Development.
5. Recruitment of Teaching and Non-Teaching posts are being managed through a Online Recruitment Portal since May 2014.
6. This portal designed and developed by Computer Centre
7. Todate we have managed three Online recruitment and details of the same is given below in the table
8. Live coverage of all major events including video conferencing & teleconferencing.
9. Internet browsing for all the students (PG & Ph.D.)
10. Preparation of their projects symposium & Seminars for all the students (PG & Ph.D.)
11. Provides assistance to the student as and when required for their academic work.
12. Provides computers hardware maintenance to the all departments and sections which covers about 1000 computers and its peripherals.
13. Provides technical assistance during the conferences / seminars & university functions etc.
14. Designing, Expansion and maintenance of campus wide network
15. Training programs for faculty, staff, research scholars and PG students.

Staff

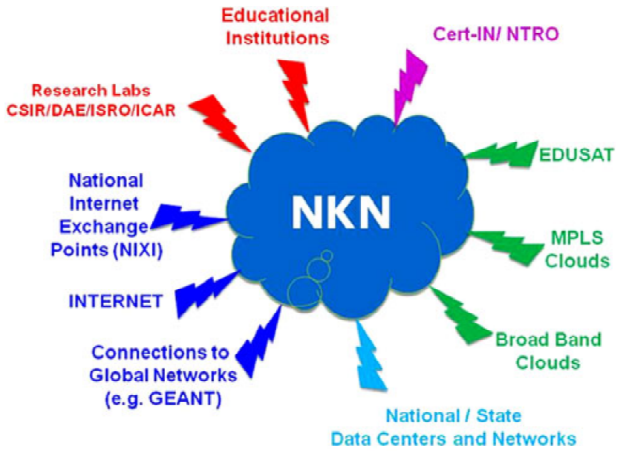
Sl. No.	Name	Designation	Status
1.	Prof. S. K. Dwivedi	Director	Honorary
2.	Shri Atul Bajpai	Computer Programmer	Permanent
3.	Shri R. S. Rai	Upper Division Clerk	Permanent
4.	Ashar Taqui	Network Assistant	Contractual
5.	Shailendra Pandey	LAN Assistant	Contractual
6.	Amit Kumar Yadav	LAN Assistant	Contractual
7.	Mukesh Dubey	Web Assistant	Contractual
8.	Dharmendra Kumar	Web Assistant (Recruitment Portal)	Contractual

Computing Equipment's

- 1. Computer : 65
- 2. Server : 07
- NKN Proxy Server
- Recruitment & In House Mailing System Server
- Web Server
- LAN & DHCP Server (Wi-Fi)
- Examination (COE Section)
- Finance/ Account Server & Admin (Finance section)
- 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.



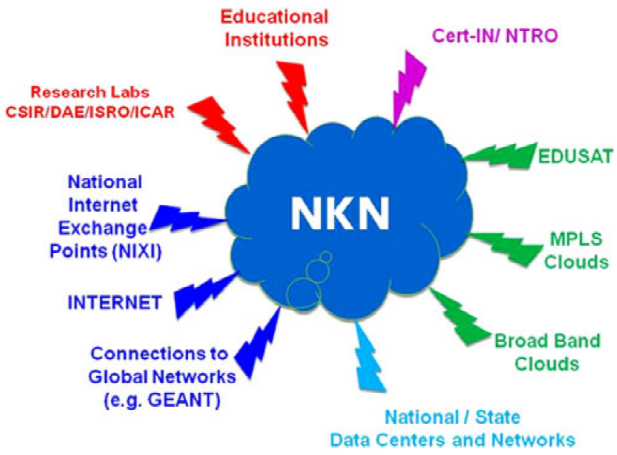
LAN & DHCP Server (Wi-Fi)



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



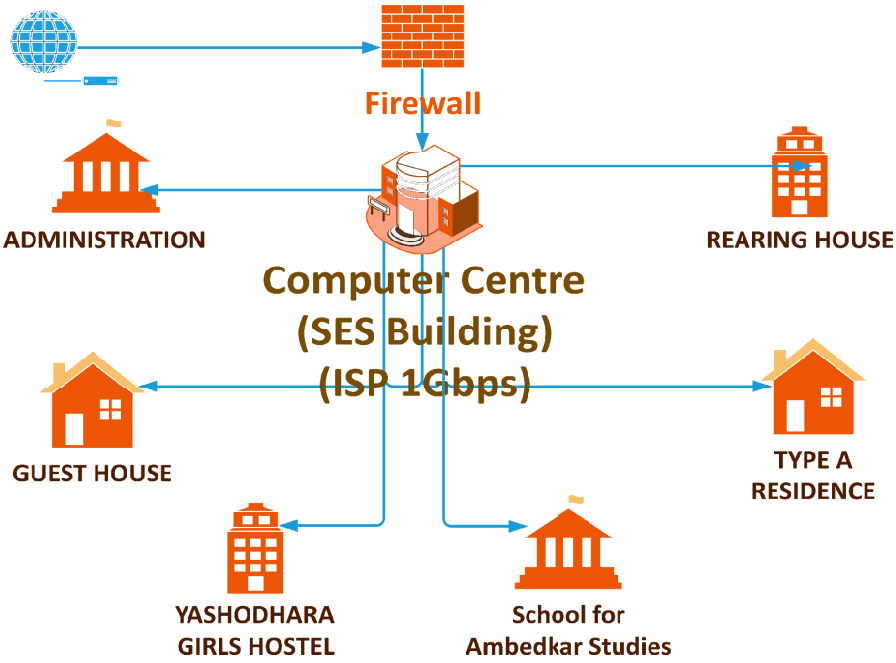
- **Hard Disk Drive :** 3 x 146 GB, 10000 rpm SAS Hot Plug
- **Monitor :** 43.2 cm (17") TFT, TCO-03 Certified

DVD ROM :8x DVD Rom Drive



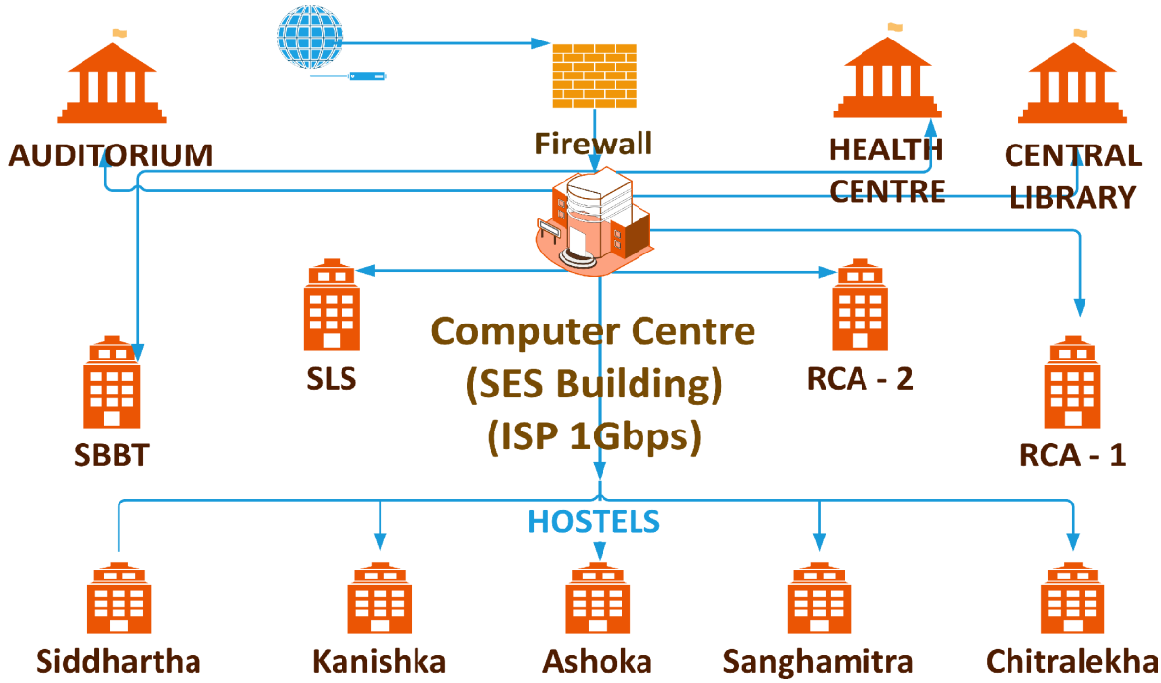
On Line UPSs details

1. Two Uniline 10 KVA online UPS are installed for power backup.
2. One neo power make 1KVA online UPS installed for providing power backup to Managed switch (L3 Layer)

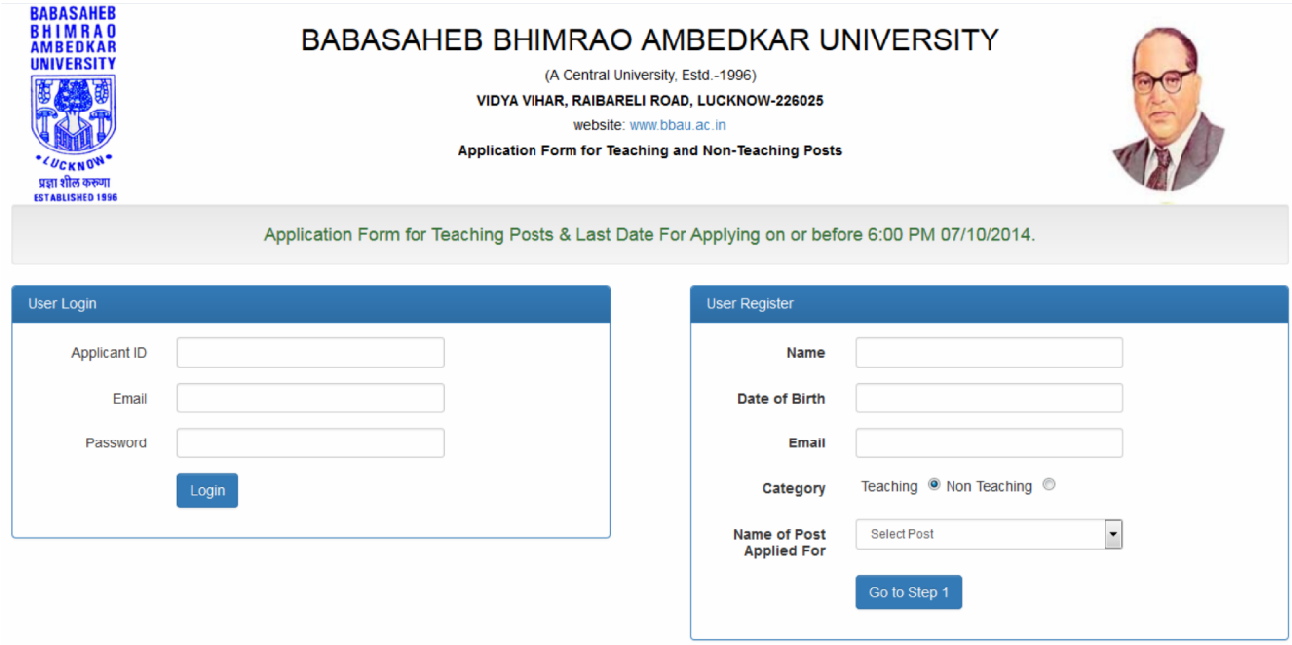


Campus-wide Fiber Layout Diagram

Campus-wide Wi-Fi Layout Diagram



Online Recruitment Portal



Website Server

- Website of the university is hosted by 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

- Computers : 1000
- Laser Printers : 300
- On-Line UPSs : 40
- Off-Line UPSs : 300
- L2 Managed Network Switches : 20
- L2 Un-managed Switch : 75
- Router : 02
- L3 Switch : 01
- Laptop : 40
- Wi-Fi Access point : 102
- Radio antenna (RF) : 24

Details of Computers

MODEL/ Configuration	Date of Purchase	Qty.	Allotted to Dept./Section
HP Series 8300/Intel Core i7 1. **OS :** Windows 8 Pro / Linux 2. **CPU :** Intel Core i7-3770, 3.4 Ghz, 8 MB Cache 3. **Chipset :** Intel Q77 Express 4. **Memory :** 4 GB 1333 Mhz DDR3 RAM 5. **Hard Disk :** 500 GB 7200 rpm Serial ATA HDD 6. **Monitor :** 47cm (18.5 Inches) LED/TFT Digital Color Monitor 7. **DVD ROM :** 8x DVD Rom Drive	May. 2014	60	Dept. Of Engineering
		20	Dept. Of Physics
		20	Dept. Of Mathematics
		5	Dept. Of Economics
		5	Dept. Of Law
		25	Dept. Of Education
		33	Dept. Of DIT
		15	Faculty Members/ Officers (Replacement of old computers purchased on 2003&2005)
		27	Coordinator's/Wardens
	TOTAL	**210**	

Details of Printers

MODEL/ Configuration	Date of Purchase	Qty.	Allotted to Dept./Section
Hplaserjet1106&M1213nf	2014	53	Various Dept. /sections

Wi-Fi Access Points

#	Device Name	Quantity
1.	Wireless Access Point DWL-8600AP	46
2.	Wireless RF (Maksat PlutoNX)	10
3.	Switch 24 port PoE DGS3120	03
4.	Wi-Fi LAN Card DWA-252	50
5.	9U Switch Rack with Power Strip	06
6.	UTP Cat 6e Ethernet Cable (305 mtr.)	0
7.	UTP Patch Card	45
8.	Jack Panel 24 Port	03

Future Plans

1. University is planning to implement high level cyber Security through Unified Theft Management (UTM) in near future.
2. Nodes in the Computer Centre shall be increased upto 200.
3. Planning to provide a Central facility for Computer printing from remote location.
4. A separate ISP of a 500 mbps has been planned besides the available NKN connectivity of 1 Gbps as a backup.

UNIVERSITY WORKS DEPARTMENT FOR CAMPUS DEVELOPMENT

Composition Of The Building Committee For The Financial Year 2014-15

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.	-do-
11.	Registrar, Babasaheb Bhimrao Ambedkar University, Lucknow.	Member-Secretary

Achievements Made During 2014-15

(i) The building for Examination hall was completed and taken over from C.P.W.D. and is presently being used to run University Institute of Engineering and Technology.

(ii) Cafeteria and shops were completed and taken over from C.P.W.D. Cafeteria is being run and maintained by IRCTC.

(iii) The work of renovation of Yashodhara Girls' hostel was taken up through C.P.W.D. and completed.

(iv) All the roads of the University were renovated.

(v) Horticulture activities were taken up through C.P.W.D. to make the campus green and environmental friendly.

(vi) Central Library building was made functional in all the respect including central air-conditioning etc.

(vii) To make proper arrangements for lighting in the University campus, high mast, nine in numbers were installed at various locations in the University campus.

(viii) Road side signages were erected in the campus along with the signages for various buildings and departments.

(ix) The dining hall of the Guest house was renovated.

(x) In view of NAAC visit, massive maintenance work in the campus such as painting of various buildings, boundary wall of the campus, plumbing maintenance etc. was taken up on utmost priority.

(xi) The account of the works awarded during 11th plan to various construction agencies worth Rs. 100 crores were closed successfully within the ambit of agreement except that of the civil work of Central Library, the final bill for which is yet to be submitted by the construction agency till date.

(xii) Theme based audit by A.G. Allahabad was undertaken in the University for the past five years. All audit queries were dealt in a satisfactory manner.

(xiii) LED electronic sign board displaying the name of the University was erected on the roof top of the Auditorium building.

Status of ongoing construction works in the University campus during financial year 2014-15

Construction work approved during 11th plan

Works undertaken by Central Public Works Department

Status of Financial & Physical Progress of works awarded to C.P.W.D. during 11th plan in the financial year 2014-15

In Rs. In Lakhs

S. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation	Funds released during financial year 2014-15	Final com-pletion cost	Physical progress 2014-15
1	2	3	5.	6.	7
1	C/o Additional 64 seated double bedded girls' hostel with hobby room (Extension of Sanghmitra Girls Hostel)	275.54	2.09	241.09	Completed and in use
2	C/o Building for Bio-Science and Biotechnology including Internal Electrical Installations (Phase-I)	1103.19	26.09	926.09	Completed and in use
3	C/o 272 Bedded (Double Seated) Boys Hostel No.1 (Phase-1)	703.34	(-)8.70	691.30	Completed and in use
4	C/o 272 Bedded (Double Seated) Boys Hostel No.2 (Phase-2)	703.34	48.00	748.00	Completed and in use
5	C/o Covered storm water drain culvert on west side of main arterial road	81.41	6.14	87.54	Completed
6	C/o Link road between gate no.1 to 2 the parking space near existing main gate (SH : provision of one steel gate and extension of culvert and approach in front of gate no.1 and the other side of main arterial road)	11.62	0.70	12.32	Completed
7	Vertical Extension of 50 seated (Double Bedded) Girls Hostel (Extension of Sanghmitra Girls Hostel)	138.66	Nil	82.99	Completed and in use
8	C/o Boundary wall around girls hostel	35.48	(-)0.68	34.80	--
9	C/o covered parking for School building for Environmental Science and Ambedkar Studies	22.36	(-)1.29	21.08	Completed
	Total		72.35*	2,845.21	

* Based on the accounts submitted by C.P.W.D. for the 10th plan works an amount of Rs.26.63 lakhs was recovered as the balance available of 10th plan with C.P.W.D. and only an amount of Rs. 45,71,730.00 was released in favour of C.P.W.D.

Status of Financial & Physical Progress of works awarded to other agencies during 11th plan in the financial year 2014-15

S. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation	Cheque amount released to agencies in financial year 2014-15	Final completion cost	Physical progress upto financial year 2014-15
1	2	3	5.	6.	7
1	U.P.Rajkiya Nirman Nigam				
(i)	University Auditorium				
	Civil works	2557.30	189.53	2756.05	Completed and in use
	Electrification works		220.13		
(ii)	Central Library				
	Civil Works	3120.30	149.50	2541.57#	Completed and in use
	Electrification works		160.14		
(iii)	Statue shifting	158.00	4.90	161.16	Completed and in use
2	U.P.Samaj Kalyan Nirman Nigam Ltd.				
(i)	Residential Coaching Academy	749.77	18.58	592.87	Completed and in use
(ii)	School for Legal Studies	874.84	0.21	547.71	Completed and in use
(iii)	100 capacity SC Boys' hostel funded by Ministry of Social Justice & Empowerment	215.77	2.47	225.07	Completed and in use
(iv)	100 capacity SC Girls' hostel funded by Ministry of Social Justice & Empowerment	209.08	1.15	207.93	Completed and in use
3.	Construction &Design Services, U.P.Jal Nigam				
(i)	Construction of Road and Sewer line	1412.52	103.63	926.09	Completed and in use
(ii)	1000 Kilolitre capacity overhead tank along with 1900 kilolitre underground storages, tubewells, rising main and external water line	846.03	15.16	483.46	Completed and in use
4.	Civil Construction Wing, All India Radio				
(i)	Health Centre	247.78	12.47	230.49	Completed and in use
	Total		877.87		

#Final bill of the civil works yet to be provided by the concerned agency.

Status of Financial & Physical Progress of works awarded to C.P.W.D. during 12th plan in the financial year 2014-15 and in previous financial years

S. No.	Name of Project regarding construction (Excluding minor repairs)	Approved allocation	Funds released during financial year 2014-15	Total Funds released upto the financial years 2014-15	Physical progress (In term of percentage of work completed) upto financial year 2014-15
1	2	3		4	5
1	Improvement and rehabilitation of road from gate no. 1 to 3 in the University AA/ES issued vide letter no. 1058/5(367)/2013 dated 30-07-13	272.00	84.35	272.10	100%
2	Construction of Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1601/5(403)/2013 dated 30-09-13	139.72	79.18	125.75	100%
3	Construction of shops AA/ES issued vide letter no. 1602/5(410)/2013 dated 30-09-13	44.80	10.37	25.30	100%
4.	Repair and renovation of Girls' hostel AA/ES issued vide letter no. 1602/5(410)/2013 dated 30-09-13	240.84	10.91	91.19	100%
5.	Ambedkar Bhawan (Letter no. 1720/5(371)/13 dated 11-10-13 and 137/5(371)/14 dated 17-04-14)	3888.19	--	1296.06	Yet to be started
6	Boys' hostel phase-II AA/ES issued vide letter no. 223/5(409)/2014 dated 01-05-14	1198.25	399.42	399.42	50%
7	Renovation of Council Hall (AA/ES issued vide letter no. 3287/5(440)/14 dated 31-03-14)	81.10	--	27.00	95%
8.	S.B.B.T. Phase-II (Department of Education cum Plant Science block) (AA/ES issued vide letter no. 1690/5(414)/13 dated 09-10-13 & 2918/5(414)/14 dated 13-02-14)	1319.35	--	500.00	55%
9	Path way for Multipurpose hall (Examination Hall) and shops AA/ES issued vide letter no. 3093/5(403)/2014 dated 06-03-14	32.97	32.97	32.97	100%

10	Providing and fixing in aluminium partition in Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1167/5(403)/2014 part-III dated 19-08-14	34.95	11.65	11.65	100%
11.	Internal electrification in Multipurpose hall (Examination Hall) AA/ES issued vide letter no. 1168/5(403)/2014 part-III dated 19-08-14	20.92	6.97	6.97	100%
12.	PVC Fabric fencing at Gulab Vatika AA/ES issued vide letter no. 1141/5(436)/2014 dated 13-08-14	5.94	--	--	100%
13.	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	Yet to be started
14.	Resurfacing of internal roads near Girls hostel, guesthouse, type B residences, and parking area of the building for Environmental Science AA/ES issued vide letter no. 3356/5(510)/2015 dated 19-02-15	59.88	--	--	100%
15.	Construction of Moot court in the building for School for Legal Studies AA/ES issued vide letter no. 2458/5(512)/2014 dated 16-12-14	115.31	38.44	38.44	10%
16.	Construction of boundary wall around Chitralekha Girls' hostel AA/ES issued vide letter no. 3234/5(496)/2015 dated 10-02-15	25.48	--	--	Likely to be started
17.	Horticulture activities (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 infront of Boys hostel (v) Jungle clearance infront of pahse-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 (V.C.' office lawn)	118.60	30.86	39.53	60%
	Total	**7633.09**	716.72	2,877.98	

Works undertaken directly by the Engineering Department of the University

S. No.	Name of Work	Estimated Cost	Work Order No. Tender Cost	Actual completion cost/Deduction in Rs.	Nett. Payment Date of Payment
1	Painting work in Type C-2 Residence Inside & Outside	3,60,825.00	1942/5(328)/2013 dt. 01-11-13	2,54,324.00	2,13,500.00
				I.T. (-) 5220.00	
				T.T. (-)10,172.00	
			2,51,646.00	S.D.(-)25,432.00	22.04.15
2	Interior & Exterior Painting work of Adm. Block Complex	Tender Value 19,93,864.00	2261/5(387)/2014 dt. 13-01-2014	18,55,008.00	4,69,750 (21 $\frac{05}{14}$)
				I.T. (-) 38,100.00	
				T.T. (-)74,200.00	4,19,750 (11 $\frac{09}{14}$)
			19,93,864.00	S.D.(-)1,35,500.00	7,17,408 (21 $\frac{05}{15}$)
					16,06,908.00
3	Maintenance of Street Light	4,71,736.00	481/5(197)/2002 dt. 21-05-2013	3,97,812.00	3,97,812
				NIL	22.04.2014
			4,60,786.00		
4	Painting work in Type A-1 & A-2 Residence Inside & out side	4,98,167.00	1874/5(326)/13 dt 29.10.13 Part-2	2,86,829.00	2,40,773.00
				I.T. (-) 5,900.00	
				T.T. (-)11,473.00	
			3,42,090.00	S.D.(-)28,683.00	25.04.2014
5	Interlocking paver Block in-front of V.C. Block	1,92,980.00	2883/5(415)/2014 dt.07.02.2014	1,73,290.00	1,45,477.00
				I.T. (-) 3,552.00	
				T.T. (-)6,932.00	
			2,09,062.00	S.D.(-)17,329.00	16.06.2014
6	Supply and fixing of vitrified tile flooring V.C. Secretariat	1,02,027.00	179/5(413-A)14 dt. 25.04.14	1,00,251.00	84,161.00
				I.T. (-) 2,055.00	
				T.T. (-)4,010.00	
			1,01,296.00	S.D.(-)10,025.00	21.05.2014
7	Interlocking road pavement from main road to RCA building	12,88,899.00	3197/5(421)/14 dt. 14.03.14	11,54,731.00	9,57,850.00
				I.T. (-) 23,672.00	
				T.T. (-)46,189.00	
			12,61,272.00	S.D.(-)1,15,473.00	08-08-2014
				W.C.(-) 11,547.00	
8	SITC of 05 Nos High Mast	29,52,380.00	0315/5(401)/14 dt. 01.04.14	28,64,472.00	24,04,646.00
				I.T. (-) 58,800.00	
				T.T. (-)1,14,578.00	
			29,26,598.00	S.D.(-)2,86,447.00	20-08-2014
9	SITC of 04 Nos High Mast	23,41,278.00	3026/5(401)/2015 dt. 27.01.2015 (Repeat Order)	22,34,034.00	18,74,631.00
				I.T. (-) 46,000.00	
				T.T. (-)90,000.00	
			23,41,278.00	S.D.(-)2,23,403.00	31.03.2015
10	Supply and erection of Retro Reflective Sign Board	4,92,951.00	3286/5(423)/2014 dt. 31.03.2014	3,78,020.00	3,17,280.00
				I.T. (-) 7,800.00	
				T.T. (-)15,130.00	
			4,42,256.00	S.D.(-)37,810.0	12.09.2014

11	Exterior Painting of Type C-1 Residence	1,92,068.00	282/5(324)/2014 dt. 31.01.14	1,49,224.00	1,25,264.00
				I.T. (-) 3,060.00	
				T.T. (-)5,970.00	
			1,43,710.00	S.D.(-)14,930.00	31.03.2015
12	Aluminum Partition in School of Education in Central Library	4,91,584.00	795/5(442)/2014 dt. 08.07.2014	4,62,876.00	3,88,576.00
				I.T. (-) 9,490.00	
				T.T. (-)18,520.00	
			4,79,406.00	S.D.(-)46,290.00	01.09.2014
13	Painting & Granite work at main gate no.-1	5,92,121.00	571/5(434)/2014 Part-2 dt. 12.06.2014	5,17,931.00	4,34,791.00
				I.T. (-) 10,620.00	
				T.T. (-)20,720.00	
			5,91,982.00	S.D.(-)51,800.00	March-2015
14	Painting and maintenance of SAS Building	11,13,898.00	723/5(443)/2014 dt. 27.06.2014	7,04,499.00	5,91,319.00
				I.T. (-) 14,500.00	
				T.T. (-)28,180.00	
			6,57,095.00	S.D.(-)70,500.00	Jan-2015
15	Dismantling of Cup Boards of Guest House	77,310.00	691/5(427)/2014 dt. 24.06.2014	78,197.00	65,637.00
				I.T. (-) 1,610.00	
				T.T. (-)3,130.00	
			79,331.00	S.D.(-)7,820.00	Nov-2014
16	Painting and Maintenance of SES Building	8,38,515.00	770/5(435)/2014 dt. 04.07.2014	4,74,252.00	3,97,857.00
				I.T. (-) 10,000.00	
				T.T. (-)18,970.00	
			6,50,985.00	S.D.(-)47,425.00	Feb-2015
17	Renovation of flooring work of Board Room of Registrar Office	1,57,092.00	1266/5(476)/2014 dt. 27.08.2014	1,29,011.00	1,08,281.00
				I.T. (-) 2,650.00	
				T.T. (-)5,170.00	
			1,44,540.00	S.D.(-)12,910.00	DEC-2014
18	Supply and erection & Retro Reflective 03 Nos Guide Map	3,49,107.00	1155/5(450)/2014 dt. 14.08.2014	NIL	NIL
			3,05,666.00		
19	C/O Shed of Ambedkar Statue in front of Auditorium	1,10,410.00	2366/5(516)/2014 dt. 04.12.2014	99,929.00	83,879.00
				I.T. (-) 2,050.00	
				T.T. (-) 4,000.00	
			1,01,906.00	S.D.(-)10,000.00	10.02.2015
20	LED/Electronic Sign Board on the Auditorium	4,30,000.00	3153/5(458)/2015 dt. 04.02.2015	4,85,298.00	4,75,298.00
				I.T. 10,000.00	
			4,90,200.00		31.03.2015
			Total in Rs.	1,27,99,988.00	

Thus, Works costing approx. Rs. 128.00 lacs were taken up directly by the Engineering Department of the University during the financial year 2014-15.

Miscellaneous works

1. Civil and electrical maintenance works were undertaken by the Engineering department of the University from time to time depending upon the requirement.
2. The water supply of the campus was maintained through own tube wells and similarly, the electric supply of the campus was maintained through 11/0.4 KV sub-station in the campus.
3. Proposal for additional requirements were prepared and sent to U.G.C. for consideration.

4. Meeting of the Building Committee was convened and support was given for other statutory body meetings.
5. First floor of block no. 4 of Administrative block complex earlier being used as Central Library of the University was planned to be developed as space for Department of Applied Chemistry.
6. In the new building of Central Library, partition work was planned on third and fourth floor for Department of Education, Department of Computer Science and Department of Information Technology.
7. Parking place was planned for School building for Bio-Science and Bio-Technology.
8. Painting of Administrative block complex was taken up first time after its construction in the year 2000.

All these achievements were made with very limited staff strength in the Engineering department.

DEAN STUDENTS' WELFARE

Prof. M. Y. Khan, DSW

Dean Students' Welfare, section is for the welfare of the srudents. At present Dean Students' Welfare offers 06 (Six) hostels to accommodation on campus out-station candidates. The well staged hostels are equipped with a mess, well equipped recreation room, reading room and opportunity 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 inmatyes for their scholastic pursuits.

1. ASHOKA BOYS HOSTEL (VISHAKHA 'A')

The hostel is a modern and refreshing building, built with the explicit purpose of offering a stimulating and enriching experience where inmates can learn to 'learn for life'. The caring and understanding support staff including assistants, housekeepers, gardener and maintenance staff, warden and of course the Dean Students Welfare pay special attention to the hostel inmates.

Objectives

Life in a hostel means a whole panorama of experiences that span from making 'friends for life', to gaining the confidence to face life independently. That is why we have laid a lot of emphasis in creating a warm, welcoming, invigorating and home-like atmosphere in our hostel. The hostel is a home away from home, where the inmates develop the 'confidence to be independent', be it friendships, food, belongings, rooms, joys, sorrows, challenges or any of the uncountable experiences of growing-up together. The hostel is committed to develop thinking of global citizenship amongst the inmates. Through its various endeavors it encourages inmates to think beyond local, regional and divisive lines.

Facilities

The hostel has four storied building with lush Green, serene, pollution-free premises. Rooms are airy and spacious with good natural light and a balcony, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables, ward robes, lights, and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The notice board is provided in the hostel visiting lounge to apprise the inmates for any notice forwarded to them. The overall charge of student's discipline and hostel administration vests in the Warden, DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University entrance merit basis of the students.

The hostel has a dining hall with a sitting capacity of sixty students. The mess has privatized. Joining the mess is compulsory in the hostel. The mess provides good and healthy food to the inmates in order to maintain the culture of the university the mess menu is changed every month keeping in view of the requirements of different inmates from diverse backgrounds.

Other facilities are:

1. AC Common Room
2. Study Hall
3. AC Parents Guest Room
4. Water geysers
5. Water Cooler with RO
6. LED T.V. with HD set top box
7. Indoor games room

8. Badminton Court
9. Gymnasium
10. Wi- Fi
11. Medical facility available
12. On demand Ambulance facility
13. Disable Toilet for handicapped Inmates
14. Newspaper, Magazine facility
    - Amar Uajala
    - Times of India
    - Dainik JagranFront Line
    - India Today
    - Pratiyogita Darpan

Hostel Office

In order to facilitate the administration and other day to day affairs, the hostel has office with support staff including LDC, one office assistant, four housekeepers, one gardener, one attendant and security guard.

Hostel Warden (Administration)	:	Mr. Pawan Kumar Chaurasia
Hostel Warden (Maintenance)	:	Dr. Pradeep Kumar
Hostel LDC	:	Mr. Pawan Singh

2. SIDDHARTHA BOYS HOSTEL

Hostel Warden (s)	:	Dr. Surendra Meher (Warden Administrative) Dr. Anis Ahmed (Warden Maintenance)

The hostel is a modern building built with the financial help of the Ministry of Social Welfare (SC). It houses hundred students with most of the basic facilities such as good water, sanitation, garden, rooms, and equipments. It has been catering to the needs of the poorest section of Indian society. The philosophy of the hostel is 'become an agent of socio-economic transformation of society'.

Objectives

Hostel plays a critical role in shaping the academic life of students and their personality development. Keeping this fact into consideration, the hostel focus on the following three objectives:

1. Providing congenial atmosphere for wholesome life of students.
2. Providing basic facilities that are critical for students' stay in the campus.
3. Imparting human values of love, compassion and positive action.

Facilities

The hostel has spacious building with lush green, serene, pollution-free premises. A total of fifty rooms available for students occupancy. Rooms are airy and spacious with good natural light, catering the needs of inmates on double occupancy basis. The rooms are equipped with beds, study tables, ward robes, lights, and fans. The hostel has staffs that make sure that everything runs smoothly and look after the welfare of the inmates. The notice board is provided to apprise the inmates for any notice forwarded to them. The overall charge of student's discipline and hostel administration vests in the Warden, DSW and the Proctor. The accommodation is being provided by the Dean Students Welfare office on the University entrance merit basis of the students.

The hostel has a dining hall with a sitting capacity of fifty students. This hostel has cooperative mess managed by students by the way of forming different committees. Joining the mess is compulsory in the hostel. Every attempt has been made to provide healthy food to make sure the physical and mental health of students.

Other facilities are:

- Water geysers.
- Water Cooler with Water Purifier.
- LED T.V. with HD set top box.
- Indoor games room.
- Badminton Court
- Various sports items such as cricket kits, Basket ball, foot ball etc.
- Gymnasium.
- Wi- Fi connectivity.
- Basic Medical facilities.
- On demand Ambulance facility.
- Inverter facility for electricity backup.
- One Guest room for Parents.
- One Common Room.

3. KANISHKA BOYS HOSTEL

Objectives

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 2014-2015

Dining Hall- Furniture to accommodate sixty students at a time and insect killer machine has been provided. The student co- operative mess has providing good and healthy food to the students at a very reasonable rate.

Potable Water- One water cooler fitted with R.O. Machine and Three water coolers fitted with filter machines have been installed to provide safe potable water to the inmates.

Common Hall- Common hall is there and 42 inch LED HD TV and a beautiful sofa with centre table have been given.

Parents/Guest Room- Hostel provided a parents and guest room with fully AC and one beautiful bed with mattress, bed sheet, blanket, pillow, beautiful sofa with centre table and other needful facility have been given.

Dormitory- Dormitory is also there and 38 inch LED HD TV and Two beautiful beds with mattress, bed sheet, blanket, pillow and other needful facility have been given.

Games and sports- There are in-door and out-door games facilities in the hostel which include table tennis, badminton, Chess, Carom, ludo, Volley ball, Foot Ball and cricket etc.

Gymnasium- A well equipped gym with running machine has been provided.

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 gets conducted on regular basis and as a result we have more than 200 plants since last one year.

Dr. M.L. Meena (Administrative)

Hostel Warden:-

Dr. Dhirendra Pandey (Maintenance)

4. YASHODHARA GIRLS HOSTEL

Yashodhara girl's hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of university liberal democratic academic culture. The hostel is a four storied building having 105 rooms with double seated and ventilated balcony. Hostel provides residential facilities to bonafide B.Tech, postgraduate and Ph.d students full time in the programme of the University. Mess facility is available in the hostel mess, privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to ensure Healthy inmates. Hostel inmates are expected to maintain the spirit of camaraderie and dignity the hostel office located within the hostel premises is integral part of the hostel. There are several employees to look after the daily chores in the hostel. The health services are made available to the residents by the university health center located inside the university campus. A fully furnished air conditioned common room equipped with recreational and indoor game facilities such as carom, chess, table tennis & chess board etc adds to the vibrancy of the hostel encouraging the inmates to actively engage in co-curricular activities.

Objective of Yashodhara girls hostel:- Hostel was established in the year 5/Sept/2012 with following Objectives.

1. To ensure that the inmates are able to share good time coming from various parts of the country live together and develop mutual understanding for good will.
2. To strengthen student by using internet facilities to devote quality time to their studies and research.
3. To develop a spirit for co-curricular and extra – curricular active's within students.
4. To propagate an environment of community living and sense of social responsibility.

Facilities: Yashodhara girls hostel has provided following facilities in the 2014-2015 to 210 inmates residing inside the hostel.

Internet: - Internet facility is being provided to the inmates and the system Land-Lane has been working well.

Game and sports: - There are out-door and in-door games facilities in the hostel like a ludo, chess, carom, badminton, table tennis etc.

Potable water: - Five Water coolers equipped with Aquaguard for pure water are installed on each floor provide purified RO water to the inmates.

Dining Hall: - Full furnished and spacious dining hall. Furniture t o accommodate 60 Students at a time. The mess Contract was reviewed mess has been given to M/S NA Caterers who has providing healthy and hygienic food to the student at a reasonable rate.

Common Hall: - Common hall is there but 42 inch LED T.V with Tata sky is available and beautiful chairs have been given. Visitor room and Guest room was well furnished.

Gymnasium: - Full furnished and well equipped Gymnasium. Name of equipments.

Equipments Name	Equipments No.
Gym Deluxe Commescial Motorized Treadmill	1
Gym Cirwit Trainer crtr 30	1
Gym Deluxe Flat Bench press bench	1
Gym Deluxe Abdoimal Trainer Bench	1
Gym Weight Plates St 100 Kg Total	1
Gym Dumbells set 50 Kg Total	1
Gym Chrome steel bars set	1
Gym Dumbells Rack	1
Personal Weighing scale	1

Event organized at Yashodhara Girls Hostel

- A hostel night was organized in collaboration with Sanghmitra girl's hostel.
- Yashodhara girl's hostel's was organized mehndi competition.

5. SANGHMITRA GIRLS HOSTEL

Hostels in academic institutions are the epicenters of the dynamics of the campus life. Sanghmitra Girls Hostel spread over vast area and surrounded by green cover, encompassing gardens has been providing fuel and force to the life and motion of University's liberal democratic academic culture. Situated next to the Vice Chancellor's Residence, the Hostel is a four storied building having 84 rooms with balcony and good ventilation. It is a spacious, well furnished hostel enclosing lawns with rose beds and hedges. The Hostel provides residential facilities to bonafide postgraduate and Ph.D female students of the University. Mess facility is available in the hostel. Mess is privatized but run under the supervision of hostel administration. Nutritious and hygienic meals are provided to the inmates. Six 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.
- Student's visitors cum reading room.
- Proper storage facility in the rooms.
- Each wing is provided with Geysers to provide hot water.
- Purified drinking water.
- Fully furnished and spacious dining hall.
- Nutritious and hygienic meals.
- Aqua guard for mess kitchen.
- National dailies and magazines in Hindi and English are subscribed.
- Well constructed parking facility.

- Health care and ambulance facilities.
- LED T.V. facility.
- Well constructed Badminton Court facility.
- Fully furnished and well equipped Gymnasium.
- Full time matron.
- Wi Fi Connectivity facility.
- Well maintained garden.
- Reading area each floors.
- A/C and Non A/C Guest room.

Hostel Office

- In order to facilitate the administration and other day to day affairs, the hostel has office with support staff including One office assistant, One attendant, Three housekeepers, One gardener, and security guard.

6. CHITRALEKHA GIRLS HOSTEL

S. No.	Details		
1.	Name of Warden	Mrs. Rajshree	
2.	Hostel came into existence (Handed over to University)	May'13	
3.	Student transferred	Jan'14	
4.	Total no. Of Seats in hostel	94	
5.	Total allotment of seats in hostel	66	
6.	Vacant seats in hostel	28	
7.	No. Of workers including cook in mess	4 (1 Mali and 3 workers in mess)	
8.	No. Of dormitory	Not Available	
9.	No. Of Guest Rooms	2 (1 AC and 1 Non AC Room)	
10.	Details of Facilities available in Mess	1. 8 tables with stools 2. Washing area 3. Dining hall 4. Kitchen 5. Store	
11.	Indoor games facilities	1. 1 Ludoo 2. 1 Carom Board 3. 1 Table tennis with racket 4. 1 Badminton	
12.	TV and other facilities in Common Room	1. T.V. 2. 4 Chairs 3. 2 seated Sofa-1 4. 3 seated sofa-1	
13.	Details about Gymnasium	Not available	
14.	Total No. Of Sweepers	Male	0
		Female	2

INFORMATION & 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

- Career guidance
- To collect and disseminate information regarding scholarships, fellowships, training facilities, admission and various professions etc.
- To help the students with availability of various career guidance literature magazine at the bureau.
- Information about Competitive examinations

1. To provide information on competitive examinations conducted by various Public Service Commission and other Governmental agencies

- Information about Scholarships and higher education in foreign countries
- To give information on various courses of higher studies in India and abroad
- Employment Guidance & Assistance
- To register post-graduate students and other University alumni for general as well as professional streams for employment assistance as and when suitable opportunities arise.
- Employment and Business information
- To help the University Placement cell in organizing campus interviews
- Self-Employment

a. To impart vocational guidance to the students

b. To get enterprising unemployed youths acquainted with the facilities and incentives under self-employment scheme for the Registered unemployed.

- Personal Guidance
  a. Making the students understand their own personality traits. And making them aware of their interest, aspirations, aptitude, strengths and weaknesses.
  b. Solution of specific personal problems of students.
- To give information and guidance to the University alumni.
- To assist in individual problems pertaining to education and Vocation under various Guidance programme.
- To collect and disseminate occupational Information regarding occupations, Scholarship, fellowships and financial assistance available in India and abroad.
- To render Vocational Guidance to students individual and in group by maintaining Information Guidance Room (Library) in the Bureau.
- 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 counseling 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.

Information & Guidance Bureau is planning to organise training prog.of STAR

(Star Training & Assessment) Scheme sponsored by National Skill Development Corporation (NSDC), a Govt. of India Initiative.

VIRTUAL CLASS ROOM

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, Dean, School for Information Science & Technology. 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 16/08/2010. After that a series of lectures were conducted in the virtual class room. The class room has one Interactive Board, one Interactive Panel, one Multimedia Projector, multiple Audio Devices, one High Resolution Camera, Network Devices, one LED Television, one Computer System, one Printer, etc., alongwith 1 Gbps internet connectivity. 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.

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 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. Further, we have to extend the facility Video Conferencing in the Virtual Class Room as well as in different smart class rooms. During the session 2014-15, Virtual Class Room has conducted many times Video Conferencing for the Presidential Address, MHRD Joint Secretary Address. During the academic session, 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.

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 that its limited use of getting spectra of the solids on the powdered form through making pellet by mixing the same with the KBr under a hydraulic press.



Figure 1. Fourier Transform Infra-Red Spectrometer (FTIR)

The FPLC (main AKTA 10) has been provided with other accessories which include Sephadex G75, Sephacry1 S – 200, Deae Sepharose Fast FL, CM Sepharose fast flow short & long column holders, AKTA user kit etc. to make the facility of broader usage.



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 May 2015)
1.	Scanning Electron Microscope	2520
2.	Fourier Transform Infrared Spectroscopy (FTIR)	2455
3.	Fast Performance Liquid Chromatography (FPLC)	48 (Beneficiaries)

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.

For contact:

1. Prof. D. P. Singh, Dept. of Environmental Science.

   Director, USIC

   Mobile: 9415575735

   Email: dpsingh_lko@yahoo.com

2. Dr. Sangeeta Saxena, DBT

   Coordinator, USIC

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   Email: dr_sangeeta_saxena@yahoo.com

   Babasaheb Bhimrao Ambedkar University,

   Lucknow, Uttar Pradesh

UNIVERSITY GARDENING & BEAUTIFICATION SECTION

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 conductive & 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.

- **Chairman: - Prof. Rana Pratap Singh,**
- **Coordinator: - Shri V.K. Tripathi**
- **Horticulture Inspector:-Dr. S. K. Dixit**
- **Executive Committee:-**

1. Prof. Rana Pratap Singh
   Chairman/ Advisor
2. Shri V.K. Tripathi
   Coordinator/ Member
3. Dr Deepa H. Dwivedi
   Member
4. Dr M. L. Meena
   Member
5. Dr Sutanu Maji
   Member
6. Dr. S. K. Dixit
   Convenor

- **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	01
5.	Cultivator	01
6.	Leveller	02
7.	Electronic lawn mower	03
8.	Brush Cutter	01
9.	Tractor Moving grass cutter	01

B. Activities and Achievement:-

1. Section conducted Green Audit/ Environmental Audit 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. Section organized 2st Fruit, Vegetable and Flower Exhibition in the University campus to promote the awareness among Students and Society.
3. Cleaning programm organized by the Section during Swachch Bharat Abhiyan and cleaned approximate 20 acre campus. Section started a campaign to clean the campus by the pooling of all malis for one hour.
4. Development of Lawn in sport ground.
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 main road, Type C residence, Auditorium building, Central Library, University boundary wall, sport complex, main road and sub road for said purpose.
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. Developed many seasonal flowers beds to beautify University Campus though various seasonal flowers.
12. Maintained a Kitchen garden in the Heath Centre building.
13. Section planted many plants during massive planting campaign in the campus to keep the University green and eco-friendly. During the plantation programm 3500 plants are various varieties in the Year 2014-15.
14. Three employees of the section were achieved best employee award of the University in the Year of 2014-15

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 develop Palm Garden near V.C. residence.
3. To production of Organic manure in the University Campus.
4. To develop Neem grove in the University campus.
5. To installed three fountains like Main gate of the University, Infront of Central Library and Rose Garden.
6. To develop Cactus garden in the University campus.
7. To develop an herbal garden which may helpful in imparting Aurvedic (Indigenous medicine) knowledge amongst students on going.
8. To develop a water ponds in the University Campus for the recharging of soil and increasing the ground water level.
9. To maintain the lawn / garden through annual contract maintenance.
10. To develop the lawns / garden in newly constructed school buildings.
11. To Establish the a full flagged Nursery at University to full fill the basic requirement of the campus.





Cleaing Programm during Swachch Bharat Abhiyan





Flower Show-2015 (26-27th Feburary 2015)





Plantation Drive

NATIONAL CADET CORPS

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. The NCC (Girls) wing of the BabaSaheb Bhimrao Ambedkar University with the strength of company is attached to the 20 UP Girls BATTALION NCC of the army. Commanding and Adm officers of 20 UP Girls BN are Lt. Col. Anubhav Raj and Captain Preeti respectively. At present, total strength of enrolled cadets are 50. 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 Programmes and other NSS activities. In 2014-15 academic session, cadets attended two Combine Annual Training Camp (CATC) and one Annual Training Camp. These camps were held at HAL Campus, Lucknow. During the camps cadets learnt about first aid, shooting, map reading, personal hygiene etc..The University NCC Cadets participated in 15 August, 2014 Parade held at University Campus. On 26 January 2015, all the cadets welcomed H'ble vice-chancellor, Prof. R. C. Sobati ji with Guard of Honour as a mark of respect. On the day, cadets planted approx. 100 trees in the University Campus. NCC cadets visited a village for spreading Health awareness among women and children of the village on 10 April 2014. A rally with name a Run for Unity, Safety & Security followed by lecture on communal harmony is organized on 31 October 2014. NCC cadets are also participated in the visit of shri Ram Naik ji, Honorable Governor Uttar Pradesh in 2014 and in the visit of shri Rajnath Singh ji, Honorable Union Home Minister during convocation held on 13 January 2015.

Vice-Chancellor secretariat

Sl. No.	Name of Congress/Conference/Seminar/Symposium/Workshop	Date
		2013
1	Meeting of Central Universities Vice Chancellors with President of India On "The Continuum of Innovation and Excellence"	5th Feb.
2	AAS Meeting at Boston, USA	14-18 Feb.
3	One day workshop on Crime against Women: Legal issues	7th March
4	One day National Seminar on Women, Dalit and Human Rights in India	8th – 9th March
5	Ist Lucknow Social Science Congress	14-15th March
6	A two-day national level Conference on Applied Statistics and its Applications held on 16-17 March 2013	16-17th March
7	Placement and Employment Prospects in India Parent Office	18th March
8	Ist Lucknow Science Congress	20th March
9	National Seminar on Challenges and Prospects of Hindi Journalism	22nd February
10	Two-day workshop on Sports Journalism	22-23 February
11	Science Day Celebration	28th February
12	Earth Day Celebration	29th March

13	National Seminar on "Contemporary Macro Economics of Indian Economy: A Post Recession Analysis"	29th–30th March 2013
14	A National Seminar organized by Ambedkar Studies Centre, BBAU message	8th -9th April
15	International Seminar on Transcending Caste : Dr. B.R. Ambedkar and Social Democracy	14th-15th April
16	One day workshop on the admission processes on US higher education	16th April
17	International Seminar on "Human Rights, Law, Justice and Governance"	26-27 April
18	87th Annual Meeting of the Association of Indian Universities held at DDU Gorakhpur University On "Enhancing Innovation & Productivity through Collaborations: Harnessing Potential of Universities"	3rd -5th May
19.	4th Convocation of the University	10th May
20.	One day Workshop on Enhancing Communication Skills of Students in Higher Education. Role of Libraries	22nd May
21.	Department of Environmental Science, BBAU, Lucknow organized One day Seminar on the theme entitled "Environment, Education and Society" on 5th June to celebrate the World Environment Day	5th June
22.	A three-day International Conference on Mathematical Modeling and Numerical Simulation organized by the Department of Applied Mathematics, BBAU	1st to 3rd July
23.	Pre-Symposium of Indian Social Science Congress on "Building an ecologically sustainable society"	16th August
24.	Brainstorming Workshop on Science, Technology and Innovation (STI) Policy 2013	13th Sept.
25.	ACU Centenary Conference at London On "University Innovation Cycle: Role of Universities in promoting Innovation for Inclusive Growth"	16-18 Oct.
26.	Plenary Lecture during 2nd ISTE Regional Convention at Dr. B R Ambedkar National Institute of Technology at Jalandhar	October 30,
27.	Deliver Valedictory Address on training programme on Capacity Building for Faculty Members in Social Sciences at GIDS, Lucknow	October 31
28.	Regional Science Congress at BADAL, Punjab	November 09
29.	Chief Guest in the Inaugural Function of a Training Programme on "Bioinformatics approaches in Genomics, Transcriptomics and Proteomics", NBFGR, Lucknow	November 12
30.	North Zone Youth Festival, BBAU, Lucknow	November 15-19
31.	International Conference on Nanoscience & Nanotechnology Dept. of Physics, BBAU, Lucknow On "Nanoscience & Nanotechnology"	November 18
32.	ISCA Kanpur Chapter-Regional Science Congress at Kanpur	November 23-24
33.	International Conference on Advances in Biotechnology and Bioinformatics 2013, PUNE	November 25-27
34.	NAAC Accreditation of Sindhu Mahavidyalaya, Kaka Tilokchand Marg, Panchpaoli, Nagpur-440017	November 26-28
35.	Meeting of Srilankan Association for the Advancement of Science, Srilanka Visit	December 2-5
36.	Valedictory Function at UGC-Academic Staff College, BHU, Varanasi	December 09
37.	North Zone Vice Chancellors' Meet, BBAU, Lucknow On "Futuristic and Inclusive Education: Need of the Country"	December 12-13

38.	Conference of Vice-Chancellors-RUSA at Hotel Meridien, New Delhi	December 18
39.	Diamond Jubilee Celebration-UGC, New Delhi	December 28
40.	INSA Meeting at BBAU, Lucknow	December 27
41.	Regional Science Congress Chapter, Manipur	December 30
		2014
42.	Chief Guest and deliver Convocation Address at ACCMAN Institute of Management, Greater Noida	January 11
43.	101st Session of Indian Science Congress Association at University of Jammu, Jammu (Presidential Address)	February 3-7, 2014
44.	AAAS Annual Meeting, Chicago	Feb. 13-17
45.	88th Annual Meeting of the AIU at KIIT University, Bhubaneswar	Feb. 25-27
46.	Science Day Lecture at BBAU, Lucknow	Feb. 28
47.	Science Day Lecture at CSIR-CIMAP On "Developing India as a Knowledge Society: Prospects and Constraints"	Feb. 28
48.	Chief Guest, Inaugural Session of the national Workshop-Gurukula Kangri Vishwavidyalaya, Haridwar On Biodiversity: CONTEMPORARY ISSUES	March 03
49.	2nd Lucknow Social Science Congress at BBAU, Lucknow	March 6-7
50.	Workshop on Disaster Management Auditorium, River Bank Colony, Lucknow	March 08
51.	National Seminar on Differently-Abled Person In India: Reality & Challenges, CSSEIP, BBAU, Lucknow	March 10
52.	Two-day National Workshop on "Innovations and Technology Transfer to Industries: Role of Universities" at DES, BBAU, Lucknow	March 10-11
53.	Annual Sports Meet	March 12-13
54.	International Conference on "Faunal Biodiversity and their Conservational Strategies" Chief Guest and Deliver Key Note Address at Malviya Hall of Lucknow University	March 22
55.	A two-day International Seminar on "Global Politics and Governance in 21st Century: Emerging Trends and Global Concerns" by Dept. of Pol. Sc., BBAU	March 22-23
56.	Second Lucknow Science Congress, BBAU, Lucknow	March 27-28
57.	ICPR Workshop on "Is Dalit Self Sociological or Philosophical" at Academic Centre, Gomti Nagar, Lucknow	March 27 03:00 p.m.
57.	National Conference on Information Security Challenges, NCISC-2014	March 28 10:00 a.m.
58.	Conference on IPA, Bodhgaya, Patna	March 29
59.	National Workshop for Women on use of post harvest management techniques in horticultural crops at DAPS, BBAU	31st March to 1st April
60.	NAAC Peer Team Visit to Anand, Gujarat	April 1-3
61.	International Conference on "Understanding Dr. Ambedkar's Concept of Dhamma: Transforming Self & Society"	April 14
62.	International Conference on Modeling and Computing (ICMC-2014)	July 10-11
63.	International Symposium on Advances in Materials Characterization (ISAMC-2014)	July 14
64.	Workshop on Research Methods in Information Technology (RMIT-2014) By DIT	Sept. 22-28, 2014

65.	National Workshop on Food Processing & Preservation Techniques: Traditional & Contemporary Approach by DHS	Oct. 15-16
66.	International Symposium on "Innovation in Horticulture for Nutritional Security, Conserving Biodiversity & Poverty Alleviation"	Oct. 16-18
67.	Indo-US Workshop on Flow Cytometry	Oct. 29
68.	International Symposium on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions"	Oct. 30-31
69.	"National Conference" on "Recent Advances in Mathematics & Applications (NCRAMA-2014)"	Oct. 30
70.	"Science Academies' Lecture Workshop" at Aizawl, Mizoram	Oct. 14-15
71.	**1ST HIMACHAL PRADESH SCIENCE CONGRESS**"On**Role of Science & Technology in Sustainable Development in H.P.** at **Shimla**	Oct. 16
72.	**National Seminar on "Globalization, Law & Protection of Human Rights: Issues and Challenges" by Dept. of Human Rights**	Oct. 13-14
73	**National Seminar on "Gender Discrimination and Inequalities in Contemporary India: Status, Causes and Solutions" by Dept. of Sociology**	Nov. 11
74.	**Two day National Seminar on "Appointment and Accountability of Judges in India" by Department of Law**	Nov. 13-14
75.	**A Two-Day Brainstorming Workshop on Organic Farming by DAPS, BBAU, Lucknow**	Nov. 24-25
76.	**Talloires Network Leaders Conference (TNLC) 2014 at Capetown, South Africa**	Dec. 02-04

OUTSTANDING ACHIEVEMENTS OF ESTABLISHMENT SECTION

The following special assignments done/ achievements were made in the Establishment/ Recruitment/ Right to Information/Central Dispatch /Legal Cells during year 2014-2015.

1. Streamlined the Self Appraisal Reports (SAR) of teaching staff.
2. Streamlined the Annual Performance Appraisal Reports (APAR) of non-teaching staff.
3. Decentralization of works of central dak dispatch cell.
4. Internal dak dispatch through electronic mode i.e., by e-mails.
5. Timely reply of RTI matters and representations in personal hearings before the central information commission.
6. Disposed of several legal cases pending in the high court, lucknow bench, Lucknow including RLC matters.
7. Maintenance of service record of teaching and non teaching staff of the university
8. Preparation of agenda items of various statutory meetings ie. Planning board and Board of Management in new format and issuing of minutes of these meetings.
9. Maintenance of records of Annual Increments granted to teaching and non-teaching staff.
10. Correspondence with Planning Commission/MHRD/ UGC related to parliamentary questions, furnishing of statistical data, budget proposal etc.
11. Processing for making timely payments to contractual staff through their bank accounts and issue of identity cards to them through manpower providing agency.
12. Submission of matters of promotions/ MACPs of non-teaching staff and Career Advancement Scheme of teaching staff.
13. Modification of recruitment & promotion rules of non teaching staff including media center.
14. Coordination with university counsel/ designated advocates for speedy disposals of legal cases and processing of their legal fee.
15. CAG audit replies/confidential & disciplinary matters.

16. Forwarding of replies to notice issued by National Commission for Scheduled Caste (NCSC), New Delhi.
17. Leave sanctioning power decentralized to respective controlling officers.
18. Updation of leave balances in pay slip on monthly basis.
19. Circulation of entry procedures in GPF & CPF schemes of bbau.
20. Materialized payments of lump sum medical allowance to pensioners.
21. Arrangements of republic day function, Independence Day, Parinirvan Day of bharatratna Dr. Babasaheb bhimrao ambedkar.
22. Managing memberships in university bodies/Deanships/Headships/ Wardenships/In-chargeships with approvals of the competent authority.
23. Uploading all the important notifications/ orders/circulars/ memorandums etc, on website of BBAU with a view to maintain transparency.
24. Crediting of Earned Leaves into leave accounts of faculty members in lieu of performing duties of deans/heads during summer & winter vacations by them.
25. Constitution of committees to dispose of various administrative matters with the approval of the competent authority.
26. Forwarding of applications of non-teaching and teaching employees to outside employment.

OUTSTANDING ACHIEMENTS OF FINANCE SECTION

1. Timely preparation of Annual Account started. For Financial Year 2011-12 we prepared the Annual Account on 15.04.2012 got it approved by the FC and BOM and now the Audit by C & AG officers going on. (We are one of the first among all Central Universities).
2. Finance Section has started new era in sharing information on Website (Annual Accounts Budget, All circulars, complete GFR manual uploaded, work distribution etc.), this can very well be viewed on our website www.bbau.ac.in. This has proved to be of immense help to the stakeholders.
3. Pay Package for salary employees got implemented, Pay Slip of the employee now contains all the vital inputs of the employee for example photograph, various outstanding advances, leave balance, TDS, Address, PAN number, Phone number etc. This is well received by the employees as its an important tool of empowering the stakeholders. In fact Pay slip has become very effective tool of communication in reaching to each and employee of this university.
4. Income Tax pacjkage has been implemented. Now the Form 16 we have issued from the package. Total details of the salary drawn are given to the employees through the system on line.
5. Pension disbursement has also started on the last date of the month first time religiously which used to have delays earlier. Pension package implemented.
6. Talley accouting package implemented. This has enabled the university to have the details of the data after finalization of the monthly accounts immediately and the decision taken has become quite swift.
7. Annual Accounts is prepared on double entry system as well as on the basis of accrual accounting concept as per MHRD/ UGC guidelines.
8. New Pension Scheme has been implemented fully in 2011 itself and all the legacy data as well as the money sent to NSDL and Trustee Bank respectively. This work was pending since 01/01/2004. Now each month the data is uploaded online with the NSDL (the CRA) and the money sent to the trustee bank online through RTGS only. (We are the First among all Central Universities to do this).
9. CPF / GPF accounting streamlined & made online in the doft form. Balance shhets issued on time.
10. BBAU Intra LAN facility also started where many HR data is uploaded like the employee details, salary details, Form - 16 etc.
11. All records of the Finance Section i.e. Voucher, Files, Annual Account, F.C.

Minutes are properly bound kept in the rack in proper manner.

12. SMS alert of salary and other payments has been introduced through Finance Branch.

13. Introduced rational investment decisions & streamlined the investment of the University in a professional manner depending upon the intrest rate fluctuation by the Banks. For the first the Investment committee has been constituted, which looks into the prospects of better investment opportunities.

14. Brought the various FDs (Approx 58 lacks) from different Banks located at far off places to the PSU Bank located in the University and got properly accounted.

15. From Audit of State Government got Rs. 1.67 lacks. Which was lying idle since approx 15 years.

16. Started first time the process of preparation of Fixed Asset Registrar (Finance Branch has already prepared the same). The C&AG audit has adversely commented on the same.

17. Regular audit by C&AG got conducted and the annual account is being submitted to the MHRD in time. Currently the C&AG Audit of F.Y. 2011-12 is going on.

18. Recently C7AG Audit also carried out the 5 years Reciew Audit of this university of F.Y. 2011-12. So the audit review also got successfully conducted.

19. Most of Research Scholarship work taken from Academic Section & streamlined. The delays on the payment front removed and a system has been put in place which has streamlined the process.

20. Took up the matter of getting deficit of 1.58 crores of Financial Year 2008-09 and 2009-10, recouped in Financial Year 2010-11, cojurtesy UGC.

21. Fixed Medical Allowance of Rs. 300/- per month for Pensioners started for the first time not being paid earlier.

22. Settlement of chronic Audit Para.

23. Two NPS conferences conducted. Got the NPS work streamilined.

24. Each project of the university being given a separate account & separate ledger so that accouting is streamlined.

25. ISO : 9000 certificate process has been completed & we have got the certificate also. (Photo copy attached)

26. Work in the finance branch now being done as per the GFR and on the principles of sound financial prudence.

Photo Gallery

















Photo Gallery

















Photo Gallery



















CERTIFICATE

This is to Certify that the
Environmental Management System
of

Babasaheb Bhimrao Ambedkar University

Vidya Vihar, Raebareli road, Lucknow-226025, India.

has been independently assessed and is compliant
with the requirements of

ISO 14001:2004

This Certificate is applicable to the following product or service ranges:

Provision of higher education

:: Certificate No :: 31660-A11

Date of initial registration	01 October 2014
Date of This Certifcate	01 October 2014
Certificate expiry	30 September 2017
Recertification Due	30 September 2017

This Certificate is property of LMS Certifications and remains valid
subject to satisfactory surveillance audits.

Director

Accreditation
JAS-ANZ
www.jas-anz.com.au/register

LMS Certifications Private Limited
Visit :- www.lmscert.com
Accredited by Joint Accreditation System of Australia and New Zealand (Accreditation No. M4640210IL)
FECCA House, 4 Phipps Close, DEAKIN, ACT 2600, AUSTRALIA
For precise and updated information concerning the present certificate mail to info@lmscert.com



CERTIFICATE

This is to Certify that the
Management System
of

Babasaheb Bhimrao Ambedkar University

Vidya Vihar, Raebareli road, Lucknow-226025, India.

has been independently assessed and is compliant
with the requirements of

Green Certification as per Environmental Management System Compliance

:: Certificate No :: 104290-U01

Date of initial registration	01 October 2014
Date of This Certificate	01 October 2014
Certificate expiry	30 September 2017
Recertification Due	30 September 2017

This Certificate is property of LMS Certifications and remains valid
subject to satisfactory surveillance audits.

Director

Membership

ANSI

LMS Certifications Private Limited
E-mail :- info@lmscert.com
Visit :- www.lmscert.com

Financial Statement

ABSTRACT OF THE FINANCIAL STATEMENT (1ST APRIL 2014 TO 31ST MARCH 2015)

		2014-2015		2013-2014	
S.N.	**Particulars**	**Amount**	**Amount**	**Amount**	**Amount**
1	Total Receipts side of Receipts & Payment Account		**1,13,64,76,872.46**		**1,28,79,95,213.74**
	a) Grants Received During the year	53,02,13,600		40,40,05,069.00	
	b) Earmarked Fund				
	c) Interest received	2,38,79,450		3,25,26,400.00	
	d) EMF Receipts	5,47,47,440			
	e) Other income	7,20,70,624		2,87,85,546.77	
	f) Any Other receipts	7,44,36,159		4,08,37,353.31	
	g) Opening Balance in Cash & at Bank	38,11,29,599		78,18,40,844.66	
2	Total Payment side of Receipts & Payment Account		**1,13,64,76,872.03**		**1,28,79,95,213.74**
	a) Expenses of Non Plan Account	31,74,58,773		17,75,58,949.70	
	b) Expenses of Plan Account	27,19,49,996		30,80,88,166.91	
	c) Earmarked Fund	7,69,44,420		-	
	d) Investment	1,00,00,000		1,06,00,262.00	
	e) Other Payment	11,28,94,381		41,06,18,235.66	
	f) Closing Balance in Cash & at Bank	34,72,29,302		38,11,29,599.47	
3	Income Plan / XII Plan		**44,21,39,970.00**		**7,00,35,740.00**
	a) Grants / Subsides	42,56,02,200		5,15,55,408.00	
	b) Interest Earned	1,65,37,770		1,84,80,332.00	
4	Expenditure Plan		**11,54,97,115.00**		**26,83,27,710.00**
	a) Establishment Expenses	7,92,59,879		7,32,12,931.00	
	b) Administrative Expenses	8,55,138		1,97,40,937.00	
	c)Academic Expenses	2,49,15,112		3,08,01,627.00	
	d) Repairs & maintenance	1,04,66,986		14,45,72,215.00	
5	Income - Non Plan		**15,27,32,931.93**		**23,87,71,285.77**
	a) Grants / Subsidies	10,46,11,400		21,61,22,000.00	
	b) Fees / Subscription	2,54,23,692		77,16,485.71	
	c) Interest Earned	20,20,211		26,52,228.00	
	d) Other Income	2,06,77,629		1,22,80,572.06	
6	Expenditure - Non Plan		**23,11,52,728.00**		**18,14,52,440.70**
	a) Establishment Expenses	11,20,50,614		9,51,86,387.00	
	b) Administrative Expenses	5,20,38,429		3,88,84,801.70	
	c)Academic Expenses	1,45,43,868		1,92,41,091.00	
	d) Repairs & maintenance	5,25,19,817		2,81,40,161.00	
7	Depriciation On Fixed Assetes		**7,04,85,706.30**		**3,57,33,070.36**
8	Profit / (Loss) Earned During The Year		**20,99,64,833.44**		**(17,67,06,194.29)**
	Non Plan Account Profit				
	Plan Account Profit				
9	Fixed Assets & Capital WIP		**1,63,92,83,505.94**		**1,29,44,33,275.25**
10	Investment				-
11	Current Assets, Loan & Advance		**58,42,70,061.60**		**62,38,99,405.66**
12	Earmarked Fund		**9,08,26,458.00**		**10,69,91,248.00**
13	Current Liabilities & Provisions		**22,13,66,218.00**		**10,99,45,374.19**
14	Capital Fund		**1,91,13,60,891.51**		**1,70,13,96,057.75**