



University of Allahabad

XI Annual Report

2015 - 2016



## **My View**

“As a Vice Chancellor I am neither the power nor the authority but the determination of the University to execute success and pursue growth without deviation and prejudice. I don't cherish love, flowers or robes but only untiring devotion to my duty that makes and takes the University forward.”

**Prof. Rattan Lal Hangloo**



# **UNIVERSITY OF ALLAHABAD**

## **XI Annual Report**

**2015-16**

(1<sup>st</sup> April 2015 to 31<sup>st</sup> March 2016)

Allahabad-211002

U.P. India

[www.allduniv.ac.in](http://www.allduniv.ac.in)

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*The Visitor Hon'ble His Excellency  
President of India*  
Sri Pranab Mukherjee



*The Chief Rector Hon'ble His Excellency  
Governor of Uttar Pradesh*  
Sri Ram Naik



*Hon'ble Chancellor*  
Prof. Goverdhan Mehta



*Hon'ble Vice-Chancellor*  
Prof. Rattan Lal Hangloo

## Hon'ble Visitor of the University



*The Visitor Hon'ble His Excellency*  
*President of India*  
**Sri Pranab Mukherjee**

Shri Pranab Mukherjee assumed office as the 13<sup>th</sup> President of India on July 25, 2012, crowning a political career of over five decades of exemplary service to the nation in Government as well as Parliament.

Seventy six years old, Shri Mukherjee is a man of unparalleled experience in governance with the rare distinction of having served at different times as Foreign, Defence, Commerce and Finance Minister. He was elected to the Upper House of the Parliament (Rajya Sabha) five times from 1969 and twice to the Lower House of the Parliament (Lok Sabha) from 2004. He was a member of the Congress Working Committee, the highest policy making body of the Party for a period of 23 years. During the period 2004-2012, Shri Mukherjee was instrumental in spearheading critical decisions of the Government on a range of issues such as Administrative reforms, Right to Information, Right to Employment, Food Security, Energy Security, Information Technology and telecommunication, setting up of UIDAI, Metro Rail etc. through Chairmanship of over 95 Groups of Ministers constituted for the purpose. In seventies and eighties, he was instrumental in setting up the Regional Rural Banks (1975) and the EXIM Bank of India as well as National Bank for Agriculture and Rural Development (1981-82). Shri Mukherjee was also author of a modified formula for resource sharing between the Centre and the States in 1991 which came to be known as the Gadgil-Mukherjee formula. A powerful orator and scholar, Shri Mukherjee's intellectual and political prowess as well as remarkable knowledge of international relations, financial affairs and parliamentary process are widely admired. He has been acclaimed for his role as a consensus builder on difficult national issues through his ability to forge unity amongst the diverse political parties that form part of India's vibrant multi-party democracy. A man of humble origins, Shri Mukherjee was born in the small village of Mirati in Birbhum District of West Bengal as son of freedom fighters, Shri Kamada Kinkar Mukherjee and Rajlakshmi on December 11, 1935. Shri Mukherjee's father was a Congress leader who endured great hardship including being sent to jail several times for his role in India's struggle for independence.

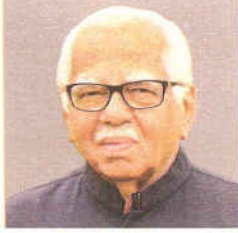
**Education:** Shri Mukherjee acquired a Master's degree in History and Political Science as well as a degree in Law from the University of Kolkata. He then embarked on his professional life as a college teacher and journalist.

**Professional Career:** Inspired by his father's contribution to the national movement, Shri Mukherjee in 1969 plunged into full time public life following his election to the Upper House of the Parliament (Rajya Sabha). Under the careful mentoring of late Prime Minister Indira Gandhi, Shri Mukherjee's rise in his political career was rapid. He was made Deputy Minister, Industry; Shipping and Transport, Steel and Industry and Minister of State for Finance in the period 1973-74. He assumed office as Finance Minister of India for the first time in 1982 in the Cabinet of Prime Minister Indira Gandhi and was Leader of the House in the Upper House of Parliament (Rajya Sabha) from 1980 to 1985. Later, he was Deputy Chairman of the Planning Commission from 1991 to 1996, Minister for Commerce from 1993 to 1995, Minister of External Affairs from 1995 to 1996, Minister of Defence from 2004 to 2006 and once again the Minister of External Affairs from 2006 to 2009. He was the Minister of Finance from 2009 to 2012 and Leader of the Lower House of Parliament from 2004 to 2012 till he resigned to contest election to the office of the President. Shri Mukherjee has



extensive diplomatic experience and has served on the Board of Governors of the IMF, World Bank, Asian Development Bank and African Development Bank. He has led the Indian delegations to the Commonwealth Finance Ministers' Conferences in 1982, 1983 and 1984; the United Nations General Assembly in 1994, 1995, 2005 and 2006, the Conference of Commonwealth Heads of Government at Auckland in 1995, the Non-Aligned Foreign Minister's Conference at Cartagena in 1995 and the Conference to mark the 40th anniversary of the Afro –Asian Conference in Bandung in 1995. A prolific reader, Shri Mukherjee has authored several books on the Indian Economy and on Nation Building. The many awards and honours conferred on him include India's second highest civilian award, Padma Vibhushan in 2008, the Best Parliamentarian Award in 1997 and Best Administrator in India Award in 2011. He was rated one of the best five Finance Ministers of the world in 1984 according to a survey conducted by "Euro Money" Journal published from New York and was declared 'Finance Minister of the year' for Asia in 2010 by "Emerging Markets", the journal of record for the World Bank and the IMF. Shri Mukherjee is married to Smt. Suvra Mukherjee, an accomplished singer of Rabindra Sangeet and they are blessed with two sons and a daughter. Shri Mukherjee enjoys reading, gardening and music in his spare time. Simple in his tastes, Shri Mukherjee is a dedicated patron of the arts and culture. An avid traveller, there are few parts of India and few countries in the world he has not visited in his illustrious and long public career.

**Ram Naik**  
Governor, Uttar Pradesh



**Raj Bhavan**  
Lucknow - 226 027

4 November, 2016

## Message

I am indeed happy to learn that the University of Allahabad is publishing its annual report 2015-16.

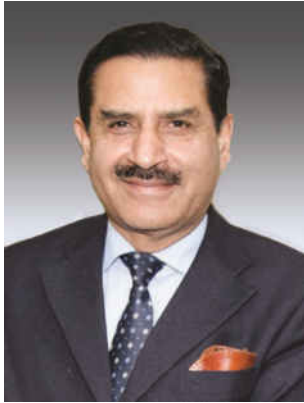
Higher Education is a powerful tool to build knowledge for an information-based society. A rapid development of new technology and information networks requires students to face new situations in their work environment. I do hope that the Annual Report will fulfill its purpose to exhibit the achievements of the University and communicate the same among its stakeholders and masses.

I extend my best wishes on the occasion.

  
( **Ram Naik** )



## From the Vice-Chancellor's Desk



***Hon'ble Vice-Chancellor***  
**Prof. Rattan Lal Hangloo**

Since antiquity Allahabad has been rightly described as a sacred city. It is also the heart of the Indo-Gangetic plain with a multicultural mosaic. It is a place where nature chooses to converge Ganga, Yamuna and Saraswati into Sangam that attracts billions from all over the world to seek spiritual solace and peace. In this sacred space as India advanced towards modernity, it gave birth to one of the most important institutions of the world – University of Allahabad. This seat of higher learning soon acquired the rare distinction of producing students who guided and continue to guide the destiny of India in a variety of ways. They not only facilitated India's freedom from colonial rule but also contributed to evolve and strengthen the country's Institutions both in India and abroad. The University's contribution to politics, education, law, science, technology, engineering, entrepreneurship, literature, social sciences, films and health care is unparalleled. It continues to benefit and inspire humanity all over the world even today.

In more recent times although the University continued on its path of progress and touched new heights but due to some very trivial issues a false perception has impacted its image. It is true that in the transitional phase of an institution some persons may promote vested individual interests but the institution is primary and individual interests are not above its dignity. India lives in India's institutions and if we strengthen them we strengthen India. We may have gone through difficult times but then suffering is not suffering unless we endure it.

The world today in the 21<sup>st</sup> century has shrunk into a global village and contemporary society has great expectations from us. We need to pool our knowledge, our efforts, our thinking and sink our differences, if any, to restore this institution to its past glory. Please remember, we have great challenges to confront and huge problems to overcome. In my view, our collective strength, hard work, harmony, and transparency are the only weapons to surmount all these difficulties and to offer solutions to the diverse problems that beset our society. Only then, can we hope to see the expansion of knowledge and science into a wider culture.

With our collective efforts we are making a new beginning. The University is striving hard to meet the grand challenges of poverty, quality education, empowerment of women and weaker sections. We are exploring new frontiers of science and technology and research. My commitment to my duty of taking this University forward remains paramount for me and in this context it is pertinent to mention the inspiring words of Swami Vivekananda who exhorted us to '*arise, awake and rest not, till the goal is achieved*'.

I must express my deep sense of gratitude to the Hon'ble Visitor, Rector, Chancellor, Ministry of Human Resource Development officials and members of the Apex bodies of the University. I also take this opportunity to express my deep sense of appreciation to all the stakeholders of the University, especially students, faculty members, officers and non-teaching staff for their co-operation and support. Let me conclude by congratulating the members of the Annual Report Committee, Prof Neelam Yadav, Prof Ashish Saxena, Prof Suneet Dwivedi and Dr Shailendra Rai for their untiring efforts in shaping the report in the existing format.

**Prof. Rattan Lal Hangloo**

Vice Chancellor

## PREFACE

University of Allahabad is one of the pioneer institutes of higher education in India. It has rich heritage of more than 125 years of learning. Many teachers and students of this university have been legendary figures in academic and social forte. The University was declared as “an institute of national importance” in the year 2005 with the status of Central University. Since then the university is working towards providing diversified atmosphere for better educational opportunities and facilities to attract talented students and teachers. As we take pride in the previous glory of the university, it is also an opportune time to apprehend that the University not only has a glorious history to remember but bigger challenges are ahead to accomplish its goal and vision.

The University is endeavouring under the leadership of its visionary and dynamic Vice Chancellor Prof R L Hangloo for its mission of generation and transmission of knowledge in all branches of learning for human and social advancement. We earnestly believe and pray that university will rise and march ahead on the path of success.

The committee presents University’s XI Annual report for the year 2015-16. The report consists of academic, research and finance related information and data of the University including that of Departments, Centres, Faculties, Institutes and Colleges. The report also includes information about infrastructural development and new initiatives taken up by the university in this year. The Annual Report attempts to reflect various facets of academic and co-curricular activities conducted by the University and its colleges. The information contained in the report truly reflects the vibrant academic ethos of the University, its focus on research, and notably the rich contribution of the faculty in terms of research projects, national and international seminars and workshops as well as publications. The Editorial Committeemembers expresstheir gratitude to the Hon’ble Vice Chancellor, Deans, HoDs, Directors, Coordinators, Faculty, Officers, and In Charge of different Academic/Administrative Units of the University for providing relevant information contained in the Report. The Committee is appreciative of the work of non-teaching staff, especially Shri MoolChand Kushwaha, Mr. Shubham Kaushik and Shri Anuj Tripathi who provided their unstinted support in compilation of report in present form. The discrepancy, if any is sincerely regretted.

NeelamYadav

AshishSaxena

SuneetDwivedi

ShailendraRai

UNIVERSITY AT A GLANCE

University of Allahabad: At a Glance 2015-16 (as on 31/03/2016)

Year of establishment	1887, Declared 'An Institute of National Importance' vide University of Allahabad Act, 2005 (No. 26 dated 23 June 2005)
<b>Jurisdiction</b>	The power conferred on the University shall be exercisable in respect of the area within a radius of sixteen kilometers from the Convocation Hall of the University, without prejudice to the territorial jurisdiction over the said area that may be assigned to any other University.
<b>Whether Unitary or affiliating</b>	Affiliating
<b>Campus area</b>	Senate Campus Area = 78.216Acres M.C.C. Campus Area = 67.08 Acres Chatham Lines Campus Area 49.46 Acres Engineering College Area = 13.402 Acres Beli Farm Area = 12.656 Acres Shila Dhar Institute of Soil Science Area = 3.494 + 0.788 = 4.282 Acres Pura Gadaria Area = 3.61 Acres F.C.I. Area = 3.555 Acres Total = 232.261 Acres
<b>No. of affiliating Colleges, with State/UT wise break-up</b>	Total 11 Constituent Colleges (All located in Allahabad, UP) <ul style="list-style-type: none"> <li>• Allahabad Degree College, Allahabad</li> <li>• Arya Kanya Degree College, Allahabad</li> <li>• Chaudhary Mahadeo Prasad Degree College, Allahabad</li> <li>• Ewing Christian College, Allahabad</li> <li>• Iswar Saran Degree College, Allahabad</li> <li>• Hamidia Girls' Degree College, Allahabad</li> <li>• Jagat Taran Girls' Degree College, Allahabad</li> <li>• K.P. Training College, Allahabad</li> <li>• Rajarshi Tandon Girls' Degree College, Allahabad</li> <li>• Sanwal Dass Sadan Lal Khanna Girls' Degree College, Allahabad</li> <li>• Shyama Prasad Mukherji Govt. Degree College, Allahabad</li> </ul>
<b>Number of Faculties / Schools</b>	04 + 01
<b>Number of Departments / Centres/ Chairs</b>	Departments: 32 University College: NIL University Institutes: 03 (with 17 Centres, 12 in IIDS & 05 in IPS) Chairs: 06 Temporary (Self Financing) University Institute: 01 Independent Centre: 01 Constituent Institute: 01 Constituent Colleges: 11
<b>Names of Faculties/ Institutes and institutions maintained by the University</b>	<b>Faculties:</b> <ol style="list-style-type: none"> <li>1. Arts</li> <li>2. Science</li> <li>3. Law</li> <li>4. Commerce</li> </ol>

<p><b>No. of Departments</b></p>	<p><b>Faculty of Arts:</b></p> <ol style="list-style-type: none"> <li>1. Ancient History, Culture and Archaeology</li> <li>2. Anthropology</li> <li>3. Arabic and Persian</li> <li>4. Education</li> <li>5. English and Modern European Languages</li> <li>6. Geography</li> <li>7. Hindi and Modern Indian Languages</li> <li>8. Journalism and Mass Communication</li> <li>9. Medieval and Modern History</li> <li>10. Music and performing Arts</li> <li>11. Philosophy</li> <li>12. Physical Education</li> <li>13. Political Science</li> <li>14. Psychology</li> <li>15. Sanskrit, Pali, Prakrit and Oriental Languages</li> <li>16. Sociology</li> <li>17. Urdu and</li> <li>18. Visual Arts</li> </ol> <p><b>Faculty of Commerce:</b></p> <ol style="list-style-type: none"> <li>1. Commerce and Business Administration, and</li> <li>2. Economics</li> </ol> <p><b>Faculty of Law:</b></p> <ol style="list-style-type: none"> <li>1. Law</li> </ol> <p><b>Faculty of Science:</b></p> <ol style="list-style-type: none"> <li>1. Bio-Chemistry</li> <li>2. Botany</li> <li>3. Chemistry</li> <li>4. Defence and Strategic Studies</li> <li>5. Earth and Planetary Sciences</li> <li>6. Electronics and Communication</li> <li>7. Home Science</li> <li>8. Mathematics</li> <li>9. Physics</li> <li>10. Statistics</li> <li>11. Zoology</li> </ol>
<p><b>Institutes of the University</b></p>	<p><b>1. Institutes of Interdisciplinary Studies</b></p> <ol style="list-style-type: none"> <li>(a) Centre of Bio-technology</li> <li>(b) Centre of Bio-informatics</li> <li>(c) Centre of Globalization and Development Studies</li> <li>(d) K. Banerjee Centre of Atmospheric &amp; Ocean Sciences</li> <li>(e) Centre of Materials Science</li> <li>(f) Nano Technology Application Centre</li> <li>(g) Centre for Film &amp; Theatre</li> <li>(h) Centre for Women's Studies</li> <li>(i) Centre for Gandhian Thoughts</li> <li>(j) M.N. Saha Centre of Space Studies</li> <li>(k) Centre of Environmental Sciences</li> <li>(l) Centre of Rural Technology &amp; Development</li> </ol>
	<p><b>2. Institute of Professional Studies</b></p> <ol style="list-style-type: none"> <li>a) Centre of Food Technology</li> <li>b) Centre of Computer Education</li> <li>c) Centre of Media Studies</li> <li>d) Centre of Fashion Design &amp; Technology</li> <li>e) Centre of e-Learning</li> </ol>

	<b>3.National Centre for Experimental Mineralogy &amp; Petrology</b>
<b>Constituent Institute of the University</b>	<b>4.Govind Ballabh Pant Institute of Social Science</b>
<b>Name of Chairs</b>	(i) Nirala Chairin Hindi (ii) Planning Commission of India Chair in Economics (iii) Munshi Premchand Chair in Urdu (iv) Ganganath Jha Chair in Sanskrit (v) Rajiv Gandhi Chair inContemporary Studies (vi) Megh Nad Saha Chair in Physics
<b>Independent Centre</b>	Centre for Behavioural & Cognitive Science

<b>Number of Departments / Centres getting support under SAP</b>	10
<b>Number of Departments / Centres getting support from other organization like DST, DBT, ICSSR, ICMR, etc.</b>	10
<b>Number of Departments / Centres having collaboration / exchange programmes with other national and international institutions</b>	31
<b>Total Students (Regular Courses including Self-financing courses) (Excluding distance education programmes)</b>	21746
<b>Out of total students:</b>	
<b>SC/ST</b>	4578
<b>OBC</b>	9700
<b>Differently Abled students</b>	6
<b>Total number of Transgender students</b>	NIL
<b>Total Female Students (Regular Courses) (Out of total students)</b>	6822
<b>Percentage of Female Students</b>	31.6%
<b>Teaching Staff (Sanctioned)</b>	852
<b>Teaching Staff (Existing) on regular basis</b>	313
<b>Vacant Teaching Positions</b>	539
<b>Non-Teaching Staff (sanctioned)</b>	1386
<b>Non-teaching Staff (Existing)</b>	1046
<b>Vacant Non-Teaching Positions</b>	339
<b>Teacher: Students Ratio (On Sanctioned Strength)</b>	1:25
<b>Teacher: Students Ratio (On Existing Strength)</b>	1:69
<b>Teaching: Non-Teaching Ratio (Sanctioned Teaching Positions: Existing Non-Teaching Positions)</b>	0.61:1
<b>Teaching: Non-Teaching Ratio (Existing Teaching Positions: Existing Non-Teaching Positions)</b>	0.29:1
<b>Affiliated colleges</b>	11
<b>Number of Books in the Library (Central Library)</b>	7,21,589+2155 (e-books) = 723744
<b>Number of Journals subscribed (including e-journals)</b>	24,375+401 (e-journals) = 24,776
<b>Number of Degrees awarded (during the academic year 2015-16)</b>	
<b>Graduate Level</b>	9736
<b>Post-Graduate Level</b>	3455
<b>Ph.D. /D.Phil.</b>	194

**The Executive Council (as of 31<sup>st</sup> March, 2016)**

1.	Prof. R. L. Hangloo
2.	Prof. R. R. Tewari
3.	Prof. Rakesh Khanna
4.	Prof. A. Satyanarayana
5.	Prof. Pradeep Bhargava
6.	Dr. Kamla Devi,
7.	Prof. Ramendu Roy
8.	Prof. K. S. Misra,
9.	Dr. Vandita Verma,
10.	Dr. Banlata Mohanti,
11.	Dr. Brajesh Kumar Sharma,
12.	Dr. Renu Johri
13.	Prof. (Mrs.) U. Kalpagam
14.	Dr. Anand Kumar Srivastava
15.	Dr. Rakesh Kumar
16.	Dr. Nandini Mukherjee
17.	Prof. D. P. Singh
18.	Major Gen. B.K. Mahapatra, (Retd.), AVSM
19.	Dr. Arvind Saxena
20.	Prof. B.C. Tripathi
21.	Dr. Arvind Dixit
22.	Prof. C. L. Khetrapal

**The Academic Council (as of 31<sup>st</sup> March, 2016)**

1.	Prof. R. L. Hangloo, <b>Chairman, Vice-Chancellor, University of Allahabad, Allahabad</b>
2.	The Pro Vice-Chancellor
3.	Prof. A. Satyanarayana, <b>Dean, Faculty of Arts</b>
4.	Prof. Jagdish Narayan, <b>Dean, Faculty of Commerce</b>
5.	Prof. Rakesh Khanna, <b>Dean, Faculty of Law</b>
6.	Prof. R. R. Tewari, <b>Dean, Faculty of Science</b>
7.	Prof. R. S. Pandey, <b>Dean, Research and Development</b>
8.	Prof. Harsh Kumar, <b>Dean, Students of Welfare</b>
9.	Prof. Ashim Mukerjee, <b>Dean, College Development</b>
10.	Dr. B. K. Singh, <b>The Librarian</b>
11.	Prof. U. C. Chattopadhyaya, <b>Head, Department of Ancient History</b>
12.	Prof. Ruma Purkait, <b>Head, Department of Anthropology</b>
13.	Prof. A. Q. Jafri, <b>Head, Department of Arabic &amp; Persian</b>
14.	Prof. Bechan Sharma, <b>Head, Department of Biochemistry</b>
15.	Prof. Anupam Dixit, <b>Head, Department of Botany</b>
16.	Prof. Jagdamba Singh, <b>Head, Department of Chemistry</b>
17.	Prof. Narayanan Srinivasan, <b>Centre of Behavioural and Cognitive Sciences</b>
18.	Prof. J. N. Bhargava, <b>Head, Department of Commerce</b>
19.	Prof. Sanjeev Bhadauria, <b>Head, Department of Defence Science &amp; Strategic Studies</b>
20.	Prof. A. K. Rai, <b>Head, Department of Earth &amp; Planetary Sciences</b>



21.	Prof. Manmohan Krishna, <b>Head, Department of Economics</b>
22.	Prof. Pratibha Upadhyaya, <b>Head, Department of Education</b>
23.	Prof. C. K. Dwivedi, <b>Head, Department of Electronics &amp; Comm.</b>
24.	Prof. R. K. Singh, <b>Head, Department of English</b>
25.	Prof. Alok Dubey, <b>Head, Department of Geography</b>
26.	Prof. Meera Dixit, <b>Head, Department of Hindi</b>
27.	Dr.(Ms.) Sangeeta Srivastava, <b>Head, Department of Home Science</b>
28.	Prof. R. K. Chaubey, <b>Head, Department of Law</b>
29.	Prof. Neeta Singh, <b>Head, Department of Mathematics</b>
30.	Prof. Heramb Chaturvedi, <b>Head, Department of Medieval &amp; Modern History</b>
31.	Prof. S.K. Nahar, <b>Head, Department of Music &amp; Performing Arts</b>
32.	Prof. Narendra Singh, <b>Head, Department of Philosophy</b>
33.	Prof. Ram Kripal, <b>Head, Department of Physics</b>
34.	Prof. Archana Chahal, <b>Head, Department of Physical Education</b>
35.	Prof. H. K. Sharma, <b>Head, Department of Political Science</b>
36.	Prof. Rashmi Kumar, <b>Head, Department of Psychology</b>
37.	Prof. S. D. Dwivedi, <b>Head, Department of Sanskrit</b>
38.	Prof. Ashish Saxena, <b>Head, Department of Sociology</b>
39.	Prof. Anoop Chaturvedi, <b>Head, Department of Statistics</b>
40.	Prof. Ali Ahmad Fatmi, <b>Head, Department of Urdu</b>
41.	Dr. Ajay Jaitly, <b>Head, Department of Visual &amp; Performing Arts</b>
42.	Prof. Krishna Kumar, <b>Head, Department of Zoology</b>
43.	Prof. A. C. Pandey, <b>Director, Institute of Inter Disciplinary Studies A.U., Allahabad</b>
44.	Prof. Prashant Agarwal, <b>Director, Institute of Professional Studies, A.U., Allahabad</b>
45.	Prof. J. K. Pati, <b>Director, National Centre of Experimental Mineralogy &amp; Petrology</b>
46.	Prof. Narayanan Srinivasan, <b>Head, Center of Behavioral &amp; Cognitive Sciences, A.U., Allahabad</b>
47.	Dr. Saleha Rasheed, <b>Department of Arabic Persian, A.U., Allahabad</b>
48.	Prof. S.A. Ansari, <b>Deptt. of Commerce &amp; Business Administration, A.U., Allahabad</b>
49.	Shri S.M.Z. Khurshid, <b>Deptt. of Commerce &amp; Business Administration, A.U., Allahabad</b>
50.	Prof. L.R. Singh, <b>Department of Law, A.U., Allahabad, Allahabad</b>
51.	Dr. J. S. Singh, <b>Department of Law, Faculty of Law, A.U., Allahabad</b>
52.	Dr. N.P. Verma, <b>Department of Law, A.U., Allahabad, Allahabad</b>
53.	Prof. R. R. Tewari, <b>Department of Electronics &amp; Communication, Faculty of Science, A.U., Allahabad</b>
54.	Prof. Pradeep Bhargava, <b>Director, G.B. Pant Social Science Institute, Jhunsi, Allahabad.</b>
55.	Dr. Rehna Tariq, <b>Principal, Hamidia Girls Degree College, Allahabad</b>
56.	Dr. M. Massey, <b>Principal, Ewing Christian College, Allahabad</b>
57.	Dr. Anand Kumar Srivastava, <b>Department of Sanskrit, C.M.P. Degree College, Allahabad</b>
58.	Prof. R. K. Shevgaonkar, <b>Director, Indian Institute of Technology Delhi, Hauz Khas, New Delhi</b>
59.	Prof. S. Shamnad Basheer, <b>MHRD Chair Professor in Intellectual Property Rights, The National University of Juridical Sciences, 12, LB Block, Sector III, Salt Lake City, Kolkata-700 098 (W.B.)</b>
60.	Prof. Abha Lakshmi Singh, <b>Department of Geography, Aligarh Muslim University, Aligarh (U.P.)</b>
61.	Prof. Ashok Misra, <b>Chairman, Intellectual Ventures India Ltd., Bangalore (Karnatak)</b>
62.	Dr. Jai Pal Mittal, <b>MN Saha Distinguished Fellow, Bhabha Atomic Research Centre, Anushaktinagar, Mumbai-400 085</b>
63.	<b>Registrar, University of Allahabad, Allahabad</b>

## MISSION VISION OF THE UNIVERSITY

- The pursuit, advancement and generation of knowledge in all branches of learning, with particular stress on exploring their intersection and frontiers.
- The transmission of knowledge through teaching learning process.
- The application of knowledge to human and social advancement.
- The optimum mobilization of resources and infrastructure.
- The preparation of human resource of the highest possible quality, capability and motivation.
- To link the "World of Knowledge" with the "World of Work" through professional courses.
- To create conducive environment for focused learning.
- To provide world class infra-structure and facilities.
- To promote innovation and entrepreneurship.
- To engage with the society through out-reach activities and applied research.

## MILESTONE OF THE UNIVERSITY

**University of Allahabad** has always occupied an esteemed place among the universities of India for over a century now. Established on 23<sup>rd</sup> September 1887, it is the fourth oldest university of India after Calcutta, Bombay and Madras University. The credit for conceiving a large Central College at Allahabad, eventually to develop into a University, is due to Sir William Muir, then Lt. Governor of United Provinces. As a result of his initiative the foundation stone of the Muir Central College (named after him) was laid on Dec. 9 1873 by His Excellency Lord Northbrook. On September 23, 1887 Act XVIII was passed which established the Allahabad University. Allahabad University was a centrally-funded Affiliating University exercising jurisdiction over higher and secondary education in a wide area in northern and central India, comprising the present-day States of Uttar Pradesh, Uttarakhand, Madhya Pradesh, Chhattisgarh and Rajasthan and the Vidarbha region of Maharashtra. In 1905 it initiated teaching and research under its own aegis, by establishing the Departments of *Law* (1905), *Economics* (1908) *History* (1912), research fellowships, libraries and laboratories. The eminence of the faculty of its teaching Departments, the Muir Central College (the premier affiliate, founded in 1873 at Allahabad) and several other reputed Affiliated Colleges, earned high regard for the University within and outside India. Some of the Colleges themselves matured into Universities the Banaras Hindu University (1916), the Aligarh Muslim University (1920) and the Lucknow and Nagpur Universities (1920 and 1923).

The University was later reorganized as a provincially-funded unitary teaching University, comprising its own teaching Departments and the Departments of the Muir Central College (which was merged with the University). The other Affiliated Colleges were initially grouped under the External Wing of the University and then handed over (in 1927) to the newly-incorporated, University of Agra in 1927, and the responsibility for secondary education was transferred (in 1922) to the U. P Board of High School and Intermediate Education. In the ensuing three decades, under the stewardship of celebrated Vice-Chancellors (Sir Ganganatha Jha, Pt. Iqbal Narain Gurtu, Prof. Amaranatha Jha and Prof. Tara Chand) and the academic leadership of illustrious faculty, the University took determined steps to enlarge its intellectual and educational ambit and gave a lead in national emancipation. Several teachers and students played a prominent role in the national struggle, particularly from 1930, and the University solemnly recalls with pride the martyrdom of its student Lal Padmadhar Singh during the Quit India Movement.

The scholars who gave a distinctive flavour to the academic ambience of the University, from its first venture into teaching in 1905, are too numerous to be named individually, and included such legendary figures as Amaranatha Jha,

Raghupati Sahai "Firaq", S. C. Deb and P. E. Dastoor (English), H. N. Randle, R. D. Ranade and A. C. Mukerji (Philosophy), L. F. Rushbrook Williams, Sir Shafaat Ahmad Khan, R. P. Tripathi (History), Syed Muhammad Ali Nami and M. G. Zubaid Ahmad (Arabic and Persian), P. K. Acharya, Babu Ram Saxena and Kshetresh Chandra Chattopadhyaya (Sanskrit), Dharendra Verma, Devi Prasad Shukla and Ram Kumar Verma (Hindi), Syed M. Zamin Ali and Muhammad Hafiz Syed (Urdu), Beni Prasad, Tara Chand, Ishwari Prasad (all three being historians of repute) and A. B. Lal (Political Science), R. N. Dubey (Geography), P. S. Naidu (Education), Meghnad Saha, K. S. Krishnan, D. S. Kothari, Salig Ram Bhargava, R. N. Ghosh G. B. Deodhar and K. Banerjee (Physics), N. R. Dhar, Satyeshwar Ghosh and Satya Prakash (Chemistry), A. C. Banerji, Gorakh Prasad, P. L. Srivastava and B. N. Prasad (Mathematics), J. H. Mitter, Shri Ranjan, R. K. Saxena and R. N. Tandon (Botany), D. R. Bhattacharya and H. R. Mehra (Zoology), H. Stanley Jevons, S. K. Rudra, C. D. Thompson, B. P. Adarka and J. K. Mehta (Economics), M. K. Ghosh and R. C. Choudhury (Commerce) and J. C. Weir, M. U. S. Jung, K. K. Bhattacharya, K. R. R. Sastry and T. N. Sapru (Law) During this "Golden Age", the University was often referred to as "the Oxford of the East".

With the advent of Independence, the University gave priority to the rising expectations of the people for wider access to higher education and keeping pace with the world in higher education, took up concerns crucial to national and social reconstruction. The Seventieth Anniversary Celebrations (1957) were marked by the affirmation to concert intellectual resources for exploring new academic, educational and social horizons while conserving its classical heritage. The Centenary Celebrations (1987) provided the opportunity to reaffirm the goal of academic modernization predicated on social responsibility.

The University did, however, face difficulties in mobilising resources for the pursuit and fulfilment of its intents and objectives. This paved the way for a concerted campaign, which began with the Seventieth Anniversary and was re-invigorated from the Centenary Celebrations, for the re-incorporation of the University as a Central University. These efforts, which were immeasurably strengthened by the support of the Alumni in different fields of national life, bore fruit in 2005, with the adoption by Parliament of "The University of Allahabad Act, 2005", and its enforcement on July 14, 2005.

This restoration of the original Central Status has inaugurated a new Chapter in the evolution of the University, and occasioned a fresh resolve to realize its earlier stature as an internationally acclaimed institution of higher learning. The University is now poised for exploring new dimensions of institutional accomplishment, by renovating its academic system, reinforcing and augmenting its teaching, research and residential facilities and pursuing social purposes in a coordinated manner, to keep pace with international standards in these areas and endow human resource with the capabilities to serve the nation in the special context of the challenges and imperatives of globalization.

## HIGHLIGHTS OF UNIVERSITY INITIATIVES

### ACADEMICS

- Major steps are being taken to execute the academic vision plan in terms of reorganization of the departments and centres into schools to promote teaching and research in cross-disciplinary and interdisciplinary thrust areas of national importance. This will also pave the way towards introduction of several new courses in the areas of Humanities, Social Sciences, and Sciences.
- Steady reforms are being brought about in examination and evaluation system. The PG examinations have been decentralized (at department level). Efforts have already been initiated for the (secure) digitization of University degrees.
- University plans to implement Choice Based Credit System (CBCS) in PG courses with effect from academic session 2016-17.
- Courses on Environmental Science and Disaster Management have been made compulsory at UG level for all branches.
- University has considered the long pending demand of constituent colleges to start PG programme from the next academic session 2016-17.
- Unprecedented and continuous academic activities have been witnessed on the campus with the organization of National and International Seminars.
- The University got connected with other Centres of advanced learning in the country as well as abroad through national and international collaborative arrangements and MoUs.
- Continuous improvement in the student's performance has been reflected through increase number in various examinations viz: NET, GATE, IIT-JAM.
- Awards/recognitions have been given to outstanding students, teachers (including retired teachers) and non-teaching staff. University has also taken initiatives to recognize the achievements of faculty and staff. The eminent scholars, artists, social activists etc. have also been felicitated for their contribution.
- State-of-the-art high fluence ion beam facility is being established in Nano Technology Application Centre of the University which will be one of its kinds in the Country. In addition to this several departments were given necessary sanction to procure new equipments resulting into increased number of research publications in journals of repute.
- Timely and continuous monitoring of the progress of the research students has drastically improved the research standards and quality of D.Phil. programme of the University.
- The condition of the Central Library of the University has significantly improved in terms of collections of books and journals. The process of modernization of the library including creation of the e-library is underway. The plagiarism detection tool URKUND has been made available to faculty and research students.
- University of Allahabad is designing course contents of different streams to ensure their dissemination through Massive Open Online Courses (MOOCs) on SWAYAM platform. The audio-video lectures are also being prepared/recorded with the establishment of ICT enabled smart classrooms.

### FINANCE AND ADMINISTRATION

- Proper utilization of funds is being ensured while maintaining the administrative and financial discipline as top priority.
- Financial Ledger is being compiled on a daily basis to ensure maximum transparency.
- The General Financial Rules and CVC guidelines are being followed as far as possible.
- The new purchase procedure is being formulated in this regard and its strict observance will be ensured.
- For the first time, the e-procurement (e-tendering) system is planned implemented for the purchase and procurement of works and goods.
- Work Culture and Discipline has been the formidable task. With the introduction of several reforms and strict vigil, the academic atmosphere of the University has improved drastically.
- Faculty Recruitment process is on full swing. The vacant faculty positions were advertised as per the UGC norms. The applications from all over the world have been received. The selection committees meetings were held for few departments. The applications of other departments are being screened at a rapid pace.

- Several faculty members of the University and Colleges were promoted under CAS.
- Regular appointments were initiated for the posts of Registrar, Finance Officer, Controller of Examination, and Librarian.
- Zero tolerance has been shown towards the anarchy and indiscipline of students and staff.
- The University of Allahabad Alumni Associations has been setup to extend the current alumni database of the University. The active involvement of the Alumni, their suggestions regarding improvement in the quality of teaching and research and their generous support towards creation of corpus fund for the general development of the University shall be very useful in coming years.

### **EFFECTIVE USE OF THE ICT FOR TEACHING, ADMISSIONS AND E- GOVERNANCE**

- Organization of All India Online Entrance Tests for UG, PG and DPhil courses: University of Allahabad has taken lead in the Country by conducting an all India fully online entrance test for admission to various courses of study for the academic session 2016-17. With the help of this exercise, the University started attracting young, talented, and potentially bright students from all over the country.
- ICT enabled Smart Class Rooms have been established in 20 departments of the University for effective teaching-learning, using modern aids. It is envisioned that all the class-rooms of the University shall be developed as smart classrooms in coming days.
- The University has taken the initiative for digitalization; this will include wi-fi enabled campus, library as well hostels.
- Campus wide LAN installation and management is being ensured. Through the utilization of its limited resources, the University is also making its best efforts to exploit most of the benefits offered through the National Knowledge Network (NKN) connectivity.
- Installation of CCTV cameras at strategic locations is being carried out to ensure the safety and security of the campus.
- Automation of the Finance and Registry sections of the University is underway.
- Optimum benefits are being derived out of the MHRD schemes, GIAN and MOOCS. Audio-video recording of important lectures is being done and same shall be made available on the website soon.

### **INFRASTRUCTURE AND STUDENT AMENITIES**

- Construction of several new buildings has been approved which include, but not limited to, Lecture Theatre Complex in the Science Faculty, new building in the Nehru Science Centre complex for the Sophisticated Analytical Instrumentation Facility and M N Saha Centre for Space Studies, Students Activity Centre, Hostel for International students, construction of faculty and staff Quarters in the Beli Farm.
- Time frames have been put into place for these constructions.
- Upgradation of students' facilities including construction of new hostels and laboratories are being taken up at the priority level.
- A quantum jump in research publications by the faculty members of University of Allahabad is a welcome sign of healthy and competitive environment of research. The infrastructure for research facility, uninterrupted power supply and other necessary facilities through constant encouragement and motivation by the academic leadership has resulted in sudden spurt in publications.
- Strict instructions have been issued regarding maintenance/restoration of civil/electrical works in the Hostel buildings mostly decayed and in knockdown condition on a war footing.
- University of Allahabad Athletic Association has been given support to increase its infrastructure and extend its reach so that timely training and nurturing of interested student sportspersons of the University may be ensured. Students are also being encouraged to participate in the national/state level tournaments. To rejuvenate the sports and athletic activities of the University, the sports organizer and trainers have been appointed.
- Freeships and scholarships are being distributed to economically vulnerable students in the hostel accommodation.
- Jawahar Lal Nehru Centre for differently abled students of the University is being equipped with modern computational/technological gadgets.



- A state of the art building for Academic and Administrative functions of the University, “*The Academic Complex*” was inaugurated on 10<sup>th</sup> November 2015.
- The renovational work on conservation of Vijayanagaram Hall of the University, an English architectural beauty and one of the Allahabad’s famous landmarks is in progress.



Prof R L Hangloo, VC, inaugurates the first GIAN Course on “Perception of Time”



Prof R L Hangloo meets officials from Ministry of Commun. & IT for Project Steering Group, Digital India for Wi-Fi project



Distinguished lecture by Ambassador Sri Vivek Katju



ICT enabled Computer Lab



Faculty attending the Yoga session at Gandhi Bhawan



Yoga session at Women's College Campus





Newly established State-of-the-Art Academic Complex



Renovated Vijayanagaram Hall

## FINANCE AT A GLANCE

## University of Allahabad

## Consolidated Balance Sheet on 31-03-2016

Amount Rs.

SOURCES OF FUNDS	Current Year	Previous Year
Corpus/Capital Fund	3,512,507,928.01	3,444,365,459.03
Designated/Earmarked Funds:	367,137,902.80	308,901,427.36
Current Liabilities and Provisions (Net of Contra items)	264,677,144.89	288,963,206.64
Total	<b>4,144,322,975.70</b>	<b>4,042,230,093.03</b>
APPLICATION OF FUNDS		
Fixed Assets		1,419,504,208.48
Tangible Assets	1,316,884,541.97	
Intangible Assets		
Capital Work-in-Progress	1,235,842,838.00	
Investments from Earmarked/Endowment Funds		1,100,432,998.00
Long Term		148,751,566.00
Short Term		
Investments – Others	273,688,228.15	57,282,141.00
Current Assets	744,104,761.64	1,015,619,035.06
Loans/Advances & Deposits (Net of Contra items)	410,055,190.94	300,640,143.59
TOTAL	<b>4,144,322,975.70</b>	<b>4,042,230,093.03</b>
Significant Accounting policies		
Notes on Accounts & Contingent Liabilities		

Finance Officer

**University of Allahabad**  
**Allahabad**

**Balance Sheet on 31-03-2016**

Amount Rs.

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
<b>Corpus/Capital Fund</b>	1	527,141,347.31	653,026,075.07
<b>Designated/Earmarked Funds:</b>	2	181,446,463.69	165,695,747.65
<b>Current Liabilities and Provisions</b>	3	387,293,681.27	284,310,757.64
Total		<b>1,095,881,492.27</b>	<b>1,103,032,580.36</b>
APPLICATION OF FUNDS			
Fixed Assets			
<b>Tangible Assets</b>	4	464,985,458.68	512,665,885.68
<b>Intangible Assets</b>			
<b>Capital Work-in-Progress</b>	4	3,442,654.00	
Investments from Earmarked/Endowment Funds	5	163,747,415.00	148,751,556.00
<b>Long Term</b>			
<b>Short Term</b>			
Investments – Others	6	29,392,431.00	6,507,511.00
<b>Current Assets</b>	7	174,450,452.00	200,677,396.09
<b>Loans/Advances &amp; Deposits (Net of Contra items)</b>	8	259,863,081.59	234,430,221.59
TOTAL		<b>1,095,881,492.27</b>	<b>1,103,032,580.36</b>
<b>Significant Accounting policies</b>	23		
<b>Notes on Accounts &amp; Contingent Liabilities</b>	24		

Finance Officer

## University of Allahabad

## Balance Sheet on 31-03-2016

(Relevant to Plan Grant)

Amount Rs.

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	2,761,023,348.77	2,586,414,294.13
Designated/Earmarked Funds:	2		
Current Liabilities and Provisions (Net of Contra items)	3	18,366,141.55	4,652,449.00
Total		<b>2,779,389,490.32</b>	<b>2,591,066,743.13</b>
APPLICATION OF FUNDS			
Fixed Assets			
Tangible Assets	4	658,147,550.29	727,916,955.80
Intangible Assets			
Capital Work-in-Progress	4	1,232,400,184.00	1,100,432,998.00
Investments from Earmarked/Endowment Funds	5		-
Long Term			148,751,566.00
Short Term			
Investments – Others	6	244,295,797.15	50,774,630.00
Current Assets	7	497,564,008.53	649,008,237.33
Loans/Advances & Deposits (Net of Contra items)	8	146,981,950.35	62,933,922.00
TOTAL		<b>2,779,389,490.32</b>	<b>2,591,066,743.13</b>
Significant Accounting policies	23		
Notes on Accounts & Contingent Liabilities	24		

Finance Officer

## University of Allahabad

## Balance Sheet on 31-03-2016

(Relevant to Research Project)

Amount Rs.

SOURCES OF FUNDS	Schedule		Current Year	Previous Year
<b>CAPITAL FUND</b>				
<b>Balance B/d</b>		134,778,383.00		
<b>Add: Grant utilised for creation of assets</b>		45,238,959.00		134,778,383.00
<b>Less : Depreciation</b>		25,734,117.00	154,283,225.00	
<u>Earmarked Funds/Unutilised Grants:</u>				
<b>Grants yet to be utilised</b>	1		185,691,439.11	
<b>TOTAL</b>			339,974,664.11	277,984,062.71
<b>ASSETS</b>				
<b>FIXED ASSETS</b>	2		154,283,225.00	134,778,383.00
<b>CURRENT ASSETS</b>	3		185,691,439.11	143,205,679.71
<b>TOTAL</b>			<b>339,974,664.11</b>	<b>277,984,062.71</b>

Finance Officer

**ACADEMIC PROGRAMMES AND ADMISSIONS**

**(A) Certificate/Diploma/UG Degree/PG Diploma/PG Degree Programmes**

Certificate	Diploma	UG Degree	PG Degree
BENGALI*	Ancient Iranian & Pahlavi	B. A. (General)	B. J. M. C.
French	Arabic	B. A. (Humanities Stream)	B. Tech.
German	Bengali*	B. A. (Social Sciences Stream)	LL. B.
Hindi	French	B. Com.	LL. M.
Punjabi	German	B. Com. (General)	M. A.
Russian	Hindi	B. F. A.	M. A. (Cognitive Science)
Sanskrit	Persian	B. P. E.	M. A. (Economics)
URDU	Punjabi	B. Sc. (Applied Sciences)	M. B. A.
Social Service & Village Uplift*	Russian	B. Sc. (Home Science)	M. Com.
	Tamil*	B. Sc. (Life Sciences Stream)	M. Ed.
Photography	Telugu*	B. Sc. (Physical Sciences Stream)	M.P.Ed.
<b>(TOTAL = 9)</b>	Urdu		M. Sc.
	Applied Arts & Crafts	<b>(Total = 11)</b>	M. Sc. (Applied Geology)
	Indian Music (Jr)		M. Sc. (Bio-Technology)
	Indian Music (Sr)		M. Sc. (Cognitive Science)
	Painting		M. Sc. (Computer Science)
	Photography		M. Tech.
	Archaeology*		M. Sc. Agriculture (Agricultural Botany/Agricultural Chemistry/Agricultural Zoology & Entomology)
	Criminology*		
	Gandhian Studies		
	Indian Culture & Philosophy*		
	Local Self-Govt. Administration*		<b>(Total = 18)</b>
<b>(Total = 17)</b>	<b>(Total = 23)</b>		

**Name of courses offered by the University during the year 2015-16:**

Under-Graduate Level	<b>15</b> [B.A, B.A (Fashion Design & Technology), B.A (Media Studies), B.Mus, B.FA, B.PE, B.Ed*, B.Com, B.Sc, B.Sc (Home Science), B.Tech, B.CA, LL B, LLB (5 Year Integrated Programme), BVoc *NOTE: The B. Ed. Programme is offered in <b>three</b> Constituent Colleges, but not in the University Teaching Departments.
Post-Graduate Level	<b>12</b> [MA, MEd, MPed, MJMC, MMus, MCom, MBA, LLM, MSc, MTech, MCA, MVoc]
Research Degrees	<b>04</b> [DPhil in Faculties of Arts, Commerce, Law and Science]

**(B) M. Phil./D.Phil./Post-Doctoral/Any other Programmes and total number of Programmes**

M. Phil.	D. Phil.	Post-Doctoral Fellowships	M. Tech.	Overall No. of Programmes	
				Programme	Number
Psychology	Arts Faculty	D. Lit. (Arts)	Earth System Sciences	Certificate	10
	Commerce Faculty	D. Lit. (Commerce)	Electronics & Telecommunication	Diploma	22
<b>(Total = 1)</b>	IIDS	D. Sc. (Science)		UG Degree	15
	IPS	LL. D.		PG Degree	12
	Law Faculty	<b>(Total = 4)</b>		M. Phil.	01



M. Phil.	D. Phil.	Post-Doctoral Fellowships	M. Tech.	Overall No. of Programmes	
				Programme	Number
	Science Faculty			Ph. D./D. Phil.	06
	<b>(Total = 6)</b>			Post-Doctoral	04
				Any Other	0
				<b>TOTAL</b>	<b>70</b>

**(C) Subjects Under Various Graduate and Post-graduate Degree Colleges**

B. A.(General)	B. A. (Humanities)	B. A. (Social Sciences)	B. Sc. (Life Sciences)	B. Sc. (Physical Sciences)
Ancient History	Ancient History	Anthropology	Anthropology	Chemistry
Economics	Arabic	Archaeology & Museology	Bio-Chemistry	Computer Science
Education	English Language	Defence Studies	Botany	
English Language	English Literature	Economics	Chemistry	Computer Applications
English Literature	Hindi	Education	Defence Studies	Computer Maintenance
Hindi	Functional Hindi	Geography	Zoology	Defence Studies
Medieval History	Music –Instrumental (Sitar)	Mathematics	<b>(Total = 7)</b>	Electronic Equipment Maintenance
Modern History	Music – Instrumental (Tabla)	Medieval History		Geology
Philosophy	Music – Vocal	Modern History		Geography
Political Science	Painting	Political Science		Mathematics
Sanskrit	Persian Philosophy	Psychology		Photography
Urdu	Photography	Sociology		Physics
<b>(Total = 12)</b>	Sanskrit	Statistics		Psychology
	Urdu	Office Management & Secretarial Practice		Statistics
	<b>(Total = 15)</b>	<b>(Total = 14)</b>		<b>(Total = 13)</b>

The student may opt for one subject from specified Social Sciences

**(D) Self Financing Courses being Organised under the University of Allahabad and Its Constituent Colleges**

Certificate		Degree and Diploma	
Human Rights	UoA	B.A. OMSP	ECC
Computer Awareness	ECC	<b>(Total = 01)</b>	
Environmental Awareness	ECC	Degree	
Spoken English	ECC	B.A. Arch. and Museology	ECC
<b>(Total = 04)</b>		B.Sc. BTSP	ECC
Certificate/Diploma		B.Sc. Computer Application	ECC
Fashion Designing and Kasidakari	Hamidia Girls	B.Sc. Electronics	ECC
Translation Proficiency in Arabic	Hamidia Girls	B.Ed.	ECC/SSK Girls
Urdu Journalism and Mass Communication	Hamidia Girls	M.Sc. Environmental Science	UoA
<b>(Total = 04)</b>		B.A. LL.B. (Hons.) 5 Year Integrated Course	UoA
<b>Diploma/Degree/Post Graduate</b>			
PG Diploma in Foreign Trade Procedures and Practices	UoA	B.Voc. (Media Studies)	UoA/IPS
PG Diploma in Remote Sensing and GIS	UoA	B.Voc. (Fashion Design & Technology)	UoA/IPS

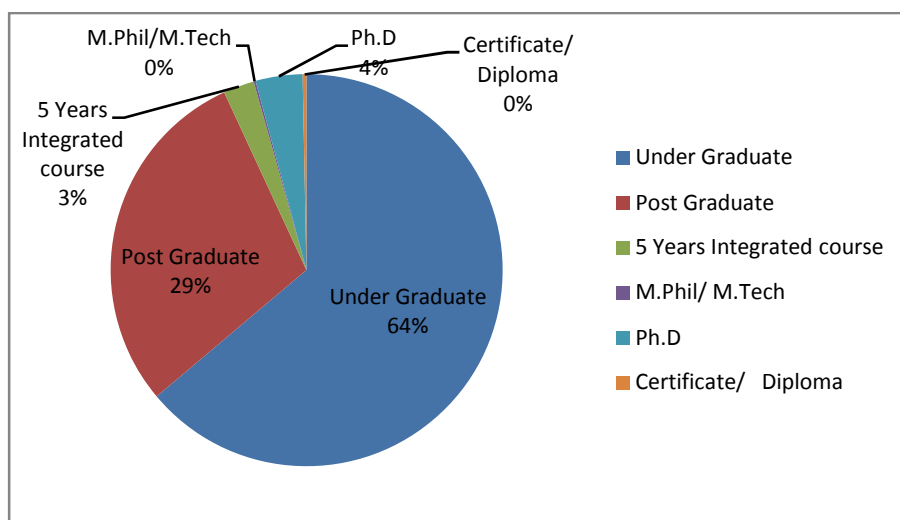
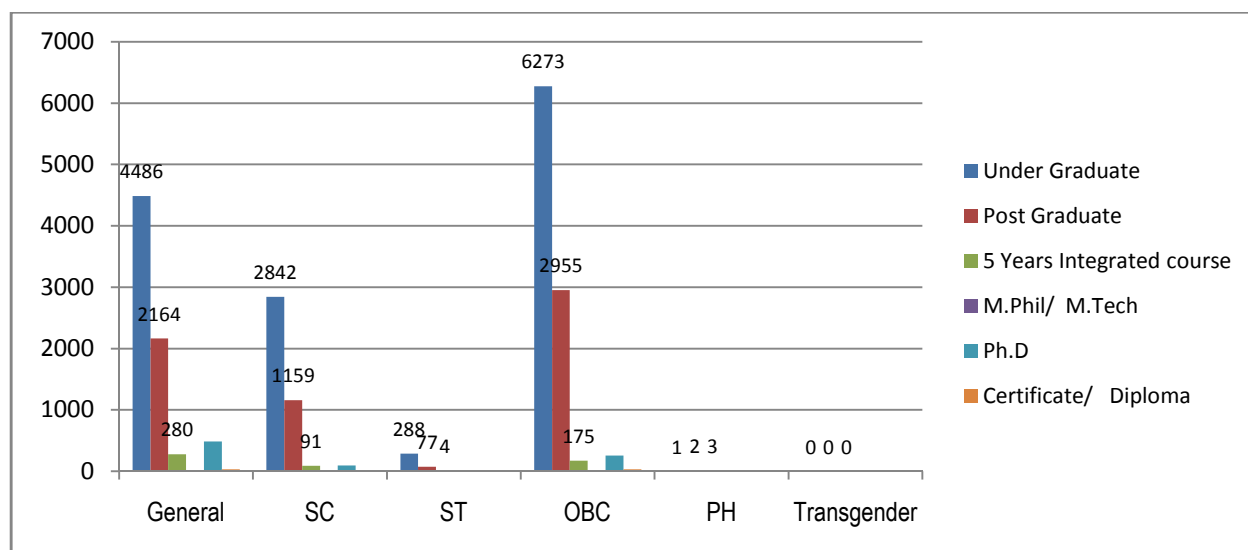
<b>Certificate</b>		<b>Degree and Diploma</b>	
PG Diploma in Food Safety & Quality Management	ECC	M.Voc. (Fashion Design & Technology)	UoA/IPS
Diploma in Hardware Maintenance	UoA/IPS	MBA (Rural Development)	GB Pant Institute
Diploma in Computer Networking	UoA/IPS	B.Com.	JT Girls/Hamidia Girls/SSK Girls
Diploma in Information Technology	UoA/IPS	B.A. Office Management and Secretarial Practices	Hamidia Girls/ SSK Girls
Diploma in Fashion Design	CMP	B.A. Computer Application	Hamidia Girls
2-year Advance Diploma in Fashion Design	UoA/IPS	M. Sc. (Food Technology)	UoA/IPS
2-year Advance Diploma in Computer Aided Fashion Design	UoA/IPS	M. Sc. (Nutritional Sciences)	UoA/IPS
PG Diploma in Photojournalism and Visual Communication	UoA/IPS	MCA	UoA/IPS
PGDCA	ECC & UoA/IPS	BCA	UoA/IPS
PGDBM	UoA/IPS	M. Sc. (Bio-Informatics)	UoA
Diploma in Computer Application	JT Girls/CMP/SPM/UoA_IPS	M. Sc. (Environmental Science)	UoA
DALT	ECC	B.Sc. (Maths/Bio)	SSK Girls/Ishwar Sharan
MCA	UoA/IPS	B.Voc. (Food Processing & Technology)	UoA/IPS
BCA	UoA/IPS	B. A. (Media Studies)	UoA/IPS
B. A. (Fashion Design & Technology)	UoA/IPS	M. Sc. (Bio-informatics)	UoA
M. Sc. (Environmental Science)	UoA	M. Sc. (Rural Technology and Development)	
		<b>(Total = 35)</b>	

**(E) Courses Offered by Constituent Colleges**

<b>Name of the College</b>	<b>Year</b>	<b>Character</b>	<b>Programmes Offered</b>	<b>NAAC Accreditation</b>	<b>Potential for Excellence</b>
Chaudhary Mahadev Prasad Degree College	1950	Co-Educational	BA, BCom, BSc, LLB	-	-
Ewing Christian College	1951	Co-Educational	BA, BSc, BEd	Yes	Yes (Phase II)
Allahabad Degree College	1956	Co-Educational	BA, BCom, BSc, LLB	Yes	-
Arya Kanya Girls Degree College	1975	Women	BA	-	-
Hamidia Girls Degree College	1975	Women	BA	-	-
Jagat Taran Girls Degree College	1975	Women	BA, BCom	Yes	Yes
Rajarshi Tandon Girls Degree College	1975	Women	BA	-	-
Sadanlal Sanwal Das Khanna Girls Degree College	1975	Women	BA, BCom, BSc, BEd	-	-
Iswar Saran Degree College	1977	Co-Educational	BA, BCom, BSc	-	Yes
Shyama Prasad Mukherji Government Degree College	1997	Co-Educational	BA, BCom/, BSc	Yes	-
Kali Prasad Training College	1999	Co-Educational	BEd	-	-

**(F) Category wise admitted students in various UG and PG Programmes 2015-16**

Enrolment of students in University Departments	Under Graduate	Post Graduate	5 Years Integrated course	M.Phil/ M.Tech	Ph.D	Certificate/ Diploma	Total
Number of General Students	4486	2164	280	16	484	32	7462
Number of SC Students	2842	1159	91	4	96	9	4201
Number of ST Students	288	77	4	1	7	0	377
Number of OBC Students	6273	2955	175	11	257	29	9700
Number of PH Students	1	2	3	0	0	0	6
Number of Transgender Students	0	0	0	0	0	0	0
<b>Total Strength</b>	<b>13890</b>	<b>6357</b>	<b>553</b>	<b>32</b>	<b>844</b>	<b>70</b>	<b>21746</b>



**(G) Number of Undergraduate & Other Students Enrolled in 2015-16**

Programme	GEN		SC		ST		OBC			TOTAL	
	M	F	M	F	M	F	M	F	M	F	Total
<b>B.A.</b>	1812	560	1436	412	95	20	3175	748	6518	1740	<b>8258</b>
<b>B.Com.</b>	358	293	198	113	38	14	414	226	1008	646	<b>1654</b>
<b>B.Sc.</b>	452	299	241	192	54	23	727	360	1474	874	<b>2348</b>
<b>B.Mus.</b>	22	23	12	6	0	0	19	8	53	37	<b>90</b>
<b>B.F.A.</b>	24	30	20	23	2	1	51	49	97	103	<b>200</b>
<b>B.P.Ed.</b>	19	5	16	2	1	0	37	4	73	11	<b>84</b>
<b>B.A.(Hons) Glob.&amp;Dev.</b>	12	12	6	0	0	0	5	5	23	17	<b>40</b>
<b>L.L.B.</b>	374	29	152	9	49	7	360	19	935	64	<b>999</b>
<b>B.A. L.L.B.</b>	174	126	75	41	12	1	140	53	401	221	<b>622</b>
<b>L.L.M.</b>	32	12	20	3	3	2	40	7	95	24	<b>119</b>
<b>M.B.A.</b>	27	18	9	4	2	1	15	11	53	34	<b>87</b>
<b>B.Tech. Computer</b>	38	13	11	2	1	1	32	5	82	21	<b>103</b>
<b>B.Tech. Electronics</b>	41	18	8	8	5	1	40	9	94	36	<b>130</b>
<b>B.C.A.</b>	73	32	20	1	0	0	49	13	142	46	<b>188</b>
<b>PGDCA</b>	19	12	5	3	0	0	17	3	41	18	<b>59</b>
<b>PG Diploma in PJVC</b>	16	3	0	0	0	0	11	1	27	4	<b>31</b>
<b>PG Diploma in Fine Arts</b>	0	10	0	7	0	0	0	5	0	22	<b>22</b>
<b>Diploma in Fashion Tech</b>	0	22	0	3	0	0	0	9	0	34	<b>34</b>
<b>Diploma in Fashion CAD</b>	0	25	0	5	0	0	0	31	0	61	<b>61</b>
<b>Diploma Russian</b>	1	0	0	0	0	0	3	0	4	0	<b>4</b>
<b>Certificate Russian</b>	4	6	4	0	0	0	6	2	14	8	<b>22</b>
<b>Certificate German</b>	11	5	4	2	0	0	13	1	28	8	<b>36</b>

**Number of Postgraduate Students Enrolled in 2015-16**

Programme	GEN		SC		ST		OBC			Total	
	M	F	M	F	M	F	M	F	M	F	Total
<b>M.Com.</b>	54	112	57	34	7	5	110	95	228	246	<b>474</b>
<b>M.Sc. Agri. Botany</b>	16	0	6	0	0	0	7	0	29	0	<b>29</b>
<b>M.Sc. Botany</b>	17	43	4	18	2	0	9	22	32	83	<b>115</b>
<b>M.Sc. Env. Sc.</b>	8	33	3	2	0	0	2	10	13	45	<b>58</b>
<b>M.A. Def. Studies</b>	10	1	5	0	0	0	8	3	23	4	<b>27</b>
<b>M.Sc. Def. Studies</b>	8	3	3	1	0	0	6	5	17	9	<b>26</b>
<b>M.Sc. Maths</b>	66	29	37	13	1	0	101	32	205	74	<b>279</b>
<b>M.A.</b>	2	1	0	0	0	0	1	0	3	1	<b>4</b>
<b>M.Sc. Home Sc.</b>	0	11	0	4	0	0	0	13	0	28	<b>28</b>
<b>M.Sc. Geology</b>	10	3	3	1	1	0	9	1	23	5	<b>28</b>
<b>M.Sc. Chemistry</b>	41	45	29	16	1	0	52	34	123	95	<b>218</b>
<b>M.Sc. Agri.Chemistry</b>	16	0	5	0	1	0	8	0	30	0	<b>30</b>
<b>M.Sc. Bio- Chemistry</b>	5	11	4	3	0	0	7	12	16	26	<b>42</b>

## UNIVERSITY OF ALLAHABAD

Programme	GEN		SC		ST		OBC		Total		Total
	M	F	M	F	M	F	M	F	M	F	
M.Sc. Physics	27	18	13	7	1	0	38	17	79	42	121
M.Tech. Electronics	9	4	3	0	0	0	9	1	21	5	26
M.Sc. Computer Sc.	24	10	4	0	0	0	13	4	41	14	55
M.Sc. Statistics	16	10	4	2	0	0	11	4	31	16	47
M.A. Statistics	2	3	0	0	0	0	1	1	3	4	7
M.Sc. Zoology	7	11	7	9	0	1	8	19	22	40	62
M.Sc. Agri. Zoology	2	0	3	0	0	0	10	0	15	0	15
M.Sc. Bioinformatics	7	6	0	2	1	0	3	7	11	15	26
M.Sc. Material Science	14	5	0	0	0	0	5	5	19	10	29
M.Sc. Bio-Tech.	3	3	2	1	0	0	2	0	7	4	11
M.Sc. Nutritional Sc.	0	30	0	5	0	0	2	27	2	62	64
M.Sc. Food Tech.	13	47	3	7	0	0	22	29	38	83	121
M.C.A.	33	27	10	2	0	0	19	11	62	40	102
M.Sc. Cognitive Sc.	5	11	1	1	1	0	3	2	10	14	24
M.A. Painting	1	6	9	11	0	0	18	16	28	33	61
M.A. Med. History	43	21	49	9	2	5	122	30	216	65	281
M.A. English	43	91	64	44	1	0	93	105	201	240	441
M.A. Sociology	11	16	1	8	2	1	3	12	17	37	54
M.A. Philosophy	93	28	46	8	0	0	53	15	192	51	243
M.A. Education	4	12	0	11	0	0	13	10	17	33	50
M.Ed.	10	10	6	3	1	2	11	6	28	21	49
M.A. Hindi	194	103	39	53	43	3	89	77	365	236	601
M.A. Geography	80	30	32	7	6	4	43	18	161	59	220
M.Sc. Geography	5	2	1	1	0	0	3	1	9	4	13
M.A. Urdu	285	247	5	0	0	0	231	166	521	413	934
M.A. Pol. Science	62	22	36	5	9	1	59	24	166	52	218
M.Sc. Anthrapology	4	3	0	0	0	0	5	1	9	4	13
M.A. Anthrapology	24	8	5	0	0	0	23	5	52	13	65
M.Sc. Psychology	1	0	0	0	0	0	1	0	2	0	2
M.A. Psychology	8	26	6	4	1	0	8	12	23	42	65
M. Mus.	10	16	4	7	0	0	8	14	22	37	59
M.A. Music	0	65	0	12	0	0	0	44	0	121	121
M.A. Anct. History	49	36	42	24	4	3	72	53	167	116	283
M.A. Arabic	18	11	0	0	0	0	17	23	35	34	69
M.A. Persian	13	12	2	0	0	0	17	20	32	32	64
M.A. Journalism	28	9	14	4	0	0	18	0	60	13	73
M.A. Sanskrit	70	53	77	39	0	0	133	98	280	190	470
M.A. Economics	46	36	47	22	3	0	105	53	201	111	312
M.A. Glob. & Dev.	12	1	4	1	0	0	8	3	24	5	29

**Number of D. Phil. Students Enrolled in 2015-16**

Programme	No. of students		TOTAL
	M	F	Total
D.Phil. Commerce	12	08	20
D.Phil. Def.Studies	14	02	16
D.Phil. Earth & Planetary	00	01	01
D.Phil. Home Science	00	02	02
D.Phil. Electronics & Communication	13	05	18
D.Phil. Physics	05	04	09
D.Phil. Statistics	02	00	02
D.Phil. Zoology	01	03	04
D.Phil. Biotechnology	01	02	03
D.Phil. Material Sc.	05	03	08
D.Phil. K. Banerjee Centre	08	02	10
D.Phil. Bio-Tech	01	02	03
D.Phil. Cognitive Sc.	01	00	01
D.Phil. Ancient History	11	02	13
D.Phil. English	07	16	23
D.Phil. Philosophy	09	04	13
D.Phil. Political Science	09	02	11
D.Phil. Hindi	05	04	09
D.Phil. Urdu	01	04	05
D.Phil. Psychology	00	03	03
D.Phil. Sociology	00	03	03
D.Phil. Visual Arts	01	00	01
D.Phil. Economics.	10	02	12
D.Phil. Centre of Food Technology	01	03	04

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## FACULTY POSITIONS: AT A GLANCE(as on 31<sup>st</sup> March, 2016)

Sl. No.	Department	Sanctioned Post			Total	Post Filled			Total	Vacant Post			Total
		Prof.	Asso. P.	Asst. P.		Prof.	Asso. P.	Asst. P.		Prof.	Asso. P.	Asst. P.	
1.	Ancient History	05	12	21	<b>38</b>	0	01	10	<b>11</b>	05	11	11	<b>27</b>
2.	Anthropology	01	02	05	<b>08</b>	01	0	04	<b>05</b>	0	02	01	<b>03</b>
3.	Arabic/Persian	01	02	08	<b>11</b>	01	0	04	<b>05</b>	0	02	04	<b>06</b>
4.	Education	02	06	16	<b>24</b>	01	03	07	<b>11</b>	01	03	09	<b>13</b>
	M.Ed. (New Course)	00	02	02	<b>04</b>	0	0	0	<b>0</b>	0	02	02	<b>04</b>
5.	English	02	15	28	<b>45</b>	0	04	15	<b>19</b>	02	11	13	<b>26</b>
6.	Geography	01	04	15	<b>20</b>	0	0	07	<b>07</b>	01	04	08	<b>13</b>
7.	Hindi	03	10	29	<b>42</b>	0	01	08	<b>09</b>	03	09	21	<b>33</b>
8.	Journalism	01	0	06	<b>07</b>	0	0	01	<b>01</b>	01	0	05	<b>06</b>
9.	Med./ Mod. History	03	06	18	<b>27</b>	0	0	10	<b>10</b>	03	06	08	<b>17</b>
10.	Music	02	0	07	<b>09</b>	01	0	05	<b>06</b>	01	0	02	<b>03</b>
11.	Philosophy	02	04	17	<b>23</b>	01	02	06	<b>09</b>	01	02	11	<b>14</b>
12.	Physical Edu.	01	02	07	<b>10</b>	0	0	02	<b>02</b>	01	02	05	<b>08</b>
	M.P.Ed.(New Course)	0	02	02	<b>04</b>	0	0	0	<b>0</b>	0	02	02	<b>04</b>
13.	Pol. Science	02	07	18	<b>27</b>	01	02	09	<b>12</b>	01	05	9	<b>15</b>
14.	Psychology	03	09	08	<b>20</b>	0	01	05	<b>06</b>	03	08	03	<b>14</b>
15.	Sanskrit	02	05	21	<b>28</b>	0	01	05	<b>06</b>	02	04	16	<b>22</b>
16.	Sociology	01	1+2	05	<b>09</b>	01	01	02	<b>04</b>	0	02	03	<b>05</b>
17.	Urdu	02	03	08	<b>13</b>	0	01	06	<b>07</b>	02	02	02	<b>06</b>
18.	Visual Art	01	0	05	<b>06</b>	0	0	0	<b>0</b>	01	0	5	<b>06</b>
19.	Commerce	03	07	29	<b>39</b>	0	01	21	<b>22</b>	03	06	08	<b>17</b>
	MBA	0	0	01	<b>01</b>	0	0	0	<b>0</b>	0	0	01	<b>01</b>
20.	Economics	02	08	22	<b>32</b>	0	03	14	<b>17</b>	02	05	08	<b>15</b>
	Foreign Trade(PG Diploma)	0	01	01	<b>02</b>	0	0	0	<b>0</b>	0	01	01	<b>02</b>
21.	Law	03	07	24	<b>34</b>	0	04	15	<b>19</b>	03	03	09	<b>15</b>
	B.A. LL.B. (Hons)	0	02	04	<b>06</b>	0	0	0	<b>00</b>	0	02	04	<b>06</b>
22.	Bio-chemistry	02	01	06	<b>09</b>	01	01	06	<b>08</b>	01	0	0	<b>01</b>
23.	Botany	02	08	21	<b>31</b>	0	0	13	<b>13</b>	02	08	08	<b>18</b>
	Rural Technology	-	-	01	<b>01</b>	-	-	-	<b>-</b>	-	-	01	<b>01</b>
24.	Chemistry	05	10	35	<b>50</b>	0	03	09	<b>12</b>	05	07	26	<b>38</b>
25.	Defence Studies	02	03	07	<b>12</b>	0	01	06	<b>07</b>	02	02	01	<b>05</b>
26.	Elect. & Communication	04	13	28	<b>45</b>	0	03	09	<b>12</b>	04	10	19	<b>33</b>
27.	Earth & Planetary Science	02	01	06	<b>09</b>	0	01	04	<b>05</b>	02	0	02	<b>04</b>
28.	Home Science	01	01	06	<b>08</b>	0	0	0	<b>0</b>	01	01	06	<b>08</b>
29.	Math	02	08	21	<b>31</b>	0	02	10	<b>12</b>	02	06	11	<b>19</b>
30.	Physics	04	10	26	<b>40</b>	01	03	09	<b>13</b>	03	07	17	<b>27</b>
	Photography	0	0	1+2	<b>03</b>	0	0	0	<b>0</b>	0	0	03	<b>03</b>
31.	Statistics	01	02	05	<b>08</b>	0	0	04	<b>04</b>	01	02	01	<b>04</b>



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32.	Zoology	02	06	22	<b>30</b>	0	01	05	<b>06</b>	02	05	17	<b>24</b>
33.	Bio-tech.	01	02	05	<b>08</b>	01	01	04	<b>06</b>	0	01	01	<b>02</b>
34.	Behavioral & Cong. Sci.	02	04	05	<b>11</b>	01	02	01	<b>04</b>	01	02	04	<b>07</b>
35.	Atmospheric & Ocean (IIDS)	01	02	04	<b>07</b>	01	01	03	<b>05</b>	0	01	01	<b>02</b>
36.	Globalization	01	01	05	<b>07</b>	01	0	04	<b>05</b>	0	01	01	<b>02</b>
37.	Material Science	01	01	04	<b>06</b>	0	01	04	<b>05</b>	01	0	0	<b>01</b>
38.	School of Language	0	0	04	<b>04</b>	0	0	0	<b>00</b>	0	0	04	<b>04</b>
39.	Bio-Informatics	01	02	05	<b>08</b>	0	0	2	<b>02</b>	01	02	03	<b>06</b>
40.	Environmental Science	01	02	04	<b>07</b>	0	0	2	<b>2</b>	01	02	02	<b>05</b>
41.	NCEMP	0	0	03	<b>03</b>	0	0	0	<b>0</b>	0	0	03	<b>03</b>
42.	Film & Theater Inst.	0	0	03	<b>03</b>	0	0	0	<b>0</b>	0	0	03	<b>03</b>
43.	South Asia & Inter. Studies	0	0	03	<b>03</b>	0	0	0	<b>0</b>	0	0	03	<b>03</b>
44.	Gandhi Institute	0	0	03	<b>03</b>	0	0	0	<b>0</b>	0	0	03	<b>03</b>
45.	Food Technology (IPS)	01	02	04	<b>07</b>	0	01	03	<b>04</b>	01	01	01	<b>03</b>
46.	Computer Education	0	01	02	<b>03</b>	0	0	0	<b>0</b>	0	01	02	<b>03</b>
47.	Fashion Design & Technology	0	01	02	<b>03</b>	0	0	0	<b>0</b>	0	01	02	<b>03</b>
48.	Media Studies	0	01	02	<b>03</b>	0	0	0	<b>0</b>	0	01	02	<b>03</b>
	<b>Total</b>	<b>79</b>	<b>201</b>	<b>572</b>	<b>852</b>	<b>13</b>	<b>46</b>	<b>254</b>	<b>313</b>	<b>66</b>	<b>155</b>	<b>318</b>	<b>539</b>

## FACULTY OF ARTS

### DEPARTMENT OF ANCIENT HISTORY

#### Introduction:

The department was founded in 1955 with the objective of promoting research and teaching in ancient history (including pre-history and proto-history) and ancient world civilizations. The department excavated the world famous archaeological site of Kaushambi from 1948 to 1964 with outstanding results. The department was chosen for Special Assistance Programme (SAP) by the UGC for three consecutive phases from 1981 to 1995. It was also granted the status of Centre of Advance Study (CAS) from 2001 to 2006. The department carried out International Collaborations with a) University of California, Berkeley (1980-82), b) Soviet Union on the Project, "Comparative Archaeology and Ethno-Linguistic Studies" (beginning in 1980), and 3) Australian Research Council (2005-2008).

From time to time, learned professors across the world visited and interacted with faculty members, research scholars and students of the departments. The latest visitors include a team of scholars from the University of Moscow and a Professor from Peking University. Our departmental museum (Prof G.R. Sharma Memorial Museum) houses a unique collection of antiquities spanning from Prehistory to early historical period. Research/scientific analysis is being carried out on different antiquities and artifacts.. The department has archaeological research laboratories, a Photography Unit, a Drawing Section, Libraries (PG, as well as, Research) and a Publication Unit.

This year (2015-16), the department is celebrating its 60-years of excellence by arranging special lectures, seminars and workshops. The first two lectures were delivered by the historian Vice-Chancellor, Prof. R.L. Hangloo.

#### Thrust Areas:

At the Postgraduate level, the department has the following areas of specializations: a) Archaeology, b) Art & Architecture, c) Socio-Economic History d) Religion and Philosophy, and e) Option between 'Modern World History' and 'History of Southeast Asia'.

The department has two thrust areas of research – Archaeology and Socio-economic history – as recognized by the UGC during SAP and CAS (Phase I) programmes.

#### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	As per Vacancy	Archaeology, Socio-Economic History, Culture, Art & Architecture and Religion & Philosophy
2.	M. A.	2 years (in 4 Semesters)	283	Archaeology, Socio-Economic History, Art & Architecture and Religion & Philosophy
3.	B. A.	3 years	1755	

#### Faculty members and their Area of Research

S. No.	Name	Designation	Area of Specialization
1.	A P Ojha	Professor	Socio-economic History
2.	Anamika Roy	Professor	Art History, Epigraphy, Religious Studies
3.	C D Pandey	Professor	Indian Culture, Religion, Historiography
4.	D K Shukla	Professor	Archaeological Chemistry
5.	D P Dubey	Professor	Religious Studies, Epigraphy
6.	G K Rai	Professor	Socio-economic History & Application of Technology to Archaeology
7.	Harsh Kumar	Professor	Puranic Studies, Epigraphy, Numismatics, Historiography
8.	Prakash Sinha	Professor	Archaeology – Experimental & Cognitive Archaeology

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S. No.	Name	Designation	Area of Specialization
9.	Pushpa Tiwari	Professor	Art and Architecture, Gender Studies
10.	Ranjana Bajpai	Professor	Socio-economic History
11.	S K Rai	Associate Professor	Socio-economic History
12.	Suniti Pandey	Professor	Art History
13.	Umesh C. Chattopadhyaya	Professor & Head	Archaeology (Archaeological Science, Theoretical Archaeology), Historical Theory

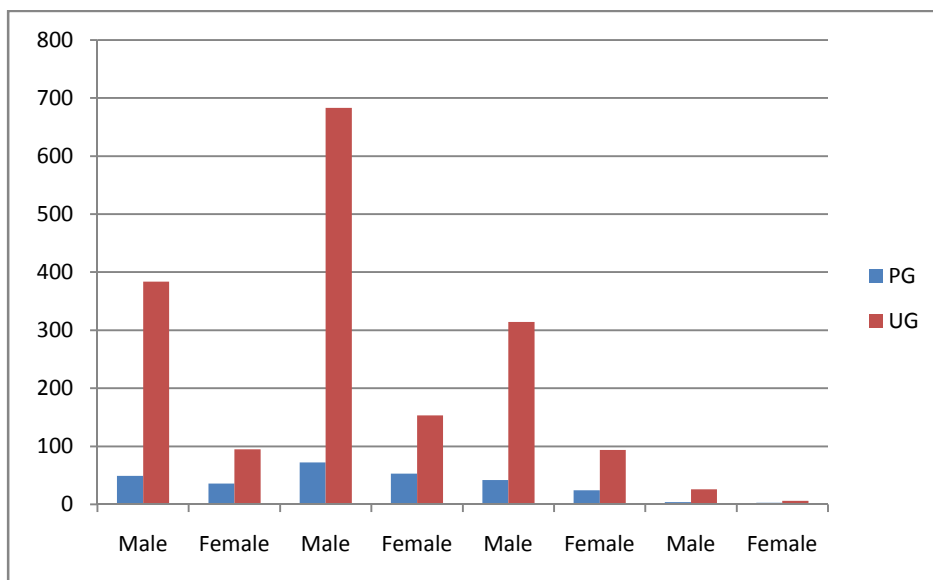
### Support Staff:

S. No.	Name	Gender	Category	Designation/work
1.	Sri S.P. Singh	Male	OBC	Accountant
2.	Sri S.P. Dubey	Male	GEN	Senior Assistant
3.	Sri Anmol Arora	Male	GEN	Personal Assistant
4.	Sri Mohan Chandra Joshi	Male	GEN	Junior Office Assistant (JOA)
5.	Sri Kamlesh Kumar	Male	OBC	Drafts-man
6.	Sri Sharad Suman	Male	OBC	Photographer
7.	Sri Satish Chandra Rai	Male	GEN	Assistant Librarian
8.	Dr. Sushil Kumar Trivedi	Male	GEN	Chemical Assistant
9.	Sri Vinod Kumar Misra	Male	GEN	Driver
10.	Sri Gulab Chandra	Male	SC	Peon
11.	Sri Rajesh Kumar Yadav	Male	OBC	Antiquity Marker
12.	Sri Uma Shankar	Male	OBC	Peon
13.	Sri Shri Prakash	Male	GEN	Book Attendant
14.	Smt. Guddi Devi	Female	SC	Peon
15.	Sri Raj Kumar Misra	Male	GEN	Peon

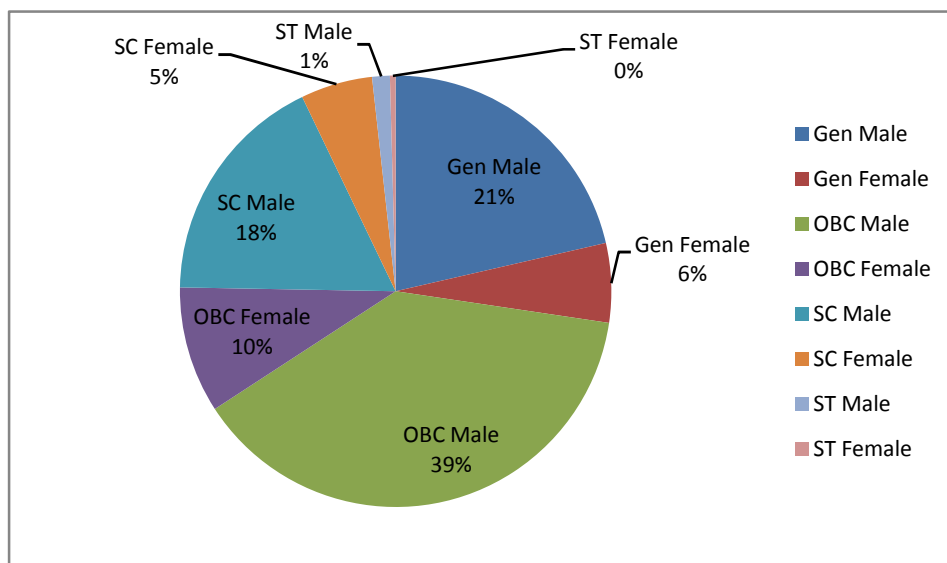
### Students:

#### Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>PG</b>	25	16	41	37	34	71	24	14	38	02	03	05	88	67	155
	24	20	44	35	19	54	18	10	28	02	0	02	79	49	128
<b>UG</b>	239	55	294	452	91	543	196	51	247	12	04	16	899	201	1100
	145	40	185	231	62	293	118	43	161	14	02	16	508	147	655
<b>Total</b>	672	186	858	1207	297	1504	552	169	721	42	13	55	2473	665	3188



Student Enrollment for the Department of Ancient History



Gender wise distribution of Students

**Seminar/Workshop conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	“Contribution of Pali Sources to the Reconstruction of Ancient Indian History”	National	One-day 20.3.2016	U.P. Sanskrit Sansthanam, Lucknow & Ancient History Department	50	15

**Special lectures conducted by the Department:**

S. No.	Name of the course/lecture series	Duration and dates	Funding/sponsor
1.	Pre-Doctoral Programme	23.2.2016 – 13.3.2016	University of Allahabad
2.	Special Lecture by Prof. Han Haying, Department of History, University of Beijing	11.7.2015	University of Allahabad
3.	Special Lecture by Prof. R.L. Hangloo, the Historian Vice-Chancellor of the University of Allahabad	23.2.2016	University of Allahabad
4.	Special Lecture by Prof. R.L. Hangloo, the Historian Vice-Chancellor of the University of Allahabad	12.3.2016	University of Allahabad

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Pre-Doctoral Programme	23.2.2016 – 13.3.2016	University of Allahabad	20
2.	Special Lecture by Prof. Han Haying, Department of History, University of Beijing	11.7.2015	University of Allahabad	01
3.	Special Lecture by Prof. R.L. Hangloo, the Historian Vice-Chancellor of the University of Allahabad	23.2.2016	University of Allahabad	01
4.	Special Lecture by Prof. R.L. Hangloo, the Historian Vice-Chancellor of the University of Allahabad	12.3.2016	University of Allahabad	01

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	Allahabad University annual grants	Lab Grant	1,50,000.00/-
2.	Allahabad University annual grants	Equipment Grant	7,00,000.00/-
3.	Allahabad University annual grants	Field Work	1,00,000.00/-
4.	Allahabad University grants	Academic Programmes	2,02,508.00

**Seminars/Workshops/Conferences/Special Lectures:**

**S.K Rai**

- Chairperson in conference organised by Indira Gandhi PG College, Lalganj, Hirapur.

**Suniti Pandey**

- Co-chaired a session on International seminar on “Buddhism and Indian Culture” on February 16, 2016 held at Balrampur Mahavidyalaya, Naini, Allahabad
- Attended a national seminar on Indian Monsoon and South East Asia: A rendezvous of civilizations, held on February 11-12, 2016 at Allahabad Museum, Allahabad
- Attended an International seminar on “Truth is one, sages call it differently” from February 16-18, 2016 organized by Sanskrit Department, UoA
- Completed a 3 days UGC course on research methodology, from May 28-30, 2015 at Academic staff college, UoA

**C.D. Pandey**

- Attended a national seminar in Jivaji University, Gwalior on April 25-26, 2015. Presented a paper and chaired a session
- Attended an international seminar on February 6, 2016 at Citizen Girls College, Allahabad. Presented a paper and chaired a session.
- Delivered a lecture on February 02, 2016 in Ewing Christian College, UoA

- Delivered a lecture in a national seminar on February 14, 2016 on “New Challenges of Education” at Magh Mela, Prayag
- Delivered a lecture on प्राचीन भारत में इतिहास का स्वरूप एवं उसके समक्ष चुनौतियाँ: शोधकाविशिष्ट सन्दर्भ March 11, 2016 in Pre-doctoral course of Ancient History department, UoA

**Praksh Sinha:**

- Chaired a session in the International Conference on Ancient Science and Technology Retrospection and Aspirations (ASTRA-2016) at Pune, 9-11 January 2016

**Harsh Kumar**

- Attended an International Seminar on February 6, 2016 at Citizen Girl’s College Naini, Allahabad. Presented a paper and also Chaired a session of the seminar.

**Anamika Roy**

- Delivered inaugural lecture at ISDC UoA on “Art Appreciation” on February 13 and 16, 2016
- Delivered illustrated lecture on “Art Appreciation course” at Allahabad Museum and on “Buddhist Art” as resource person on June 18, 2015
- Presided over the valedictory session on “Art Appreciation course” at Allahabad Museum and on “Buddhist Art” as resource person on June 19, 2015
- Delivered lecture as resource person at Rotary Allahabad on July 8, 2015 on the topic “And the Ganga Flows on”
- Delivered a special lecture on “Yogini images on shadol” at Bhopal Museum, November 20, 2015
- Participated in a national seminar in Allahabad Museum on February 11-12, 2016 on “Indian monsoon and South East Asia” and Presented a paper entitled “Looking Again at Ganesh in South East Asia”
- Delivered Lecture on March 8, 2016 in Pre-doctoral Course, UoA on Art History.

**A.P.Ojha**

- Editor, History and Archaeology, a Bi-annual journal of the Department of Ancient History, UoA
- Attended a national seminar on “Agriculture and Agrarian society in India: Changing perspective” held at Balram Degree College, Allahabad on December 20, 2015 and presented a paper on “Some Aspects of Agriculture in Early India”
- Attended and chaired a session “International conference on Buddhism and Indian Culture” organised by Citizen Girls College, Naini, Allahabad on February 06, 2016 and presented a paper on “Buddhism and Indian culture, Some Issues”
- Attended an International seminar on “Truth is one, sages call it differently” from February 16-18, 2016 organized by Sanskrit Department, UoA

**Umesh C. Chattopadhyaya**

- Convening a one-day National Seminar (jointly with U.P. Sanskrit Sansthanam) on “Contribution of Pali Sources in the reconstruction of ancient Indian history, with special reference to Epigraphs” to be held in the Department of Ancient History, Culture & Archaeology, University of Allahabad on 20<sup>th</sup> March, 2016.
- Organized a Workshop on Indo-Chinese historical and cultural dialogue in the Department of Ancient History, Culture & Archaeology, University of Allahabad on 11<sup>th</sup> July, 2015.
- Participated in an International Seminar on “Indo-Cambodian Relations through Buddhism” held in Phnom Penh, Cambodia (4-6 June, 2015). Presented a paper entitled, “Indo Cambodian relationship in the light of Buddhism humanism”. Also presided over the last session on 6<sup>th</sup> June, 2015.
- Participated in The International Institute of Knowledge Management ‘s (TIKM) 2<sup>nd</sup> Annual International Conference on Arts and Humanities, 2015, held in Colombo, Sri Lanka (20-22 July, 2015). Presented a paper entitled, “Symbolic archaeology in search for a connected history”
- Participated in an International conference on “Light Quanta: Modern Perspective and Application” held at Physics Department, UoA, on December 15-16, 2015
- Participated in a national seminar on “Agriculture and Agrarian Society in India: Changing Perspectives” held in Balram College, Allahabad (20 December, 2015). Chaired a session and participated in the Valedictory Function.
- Participated in a national seminar on “Buddhism and Indian Culture” held in Balram College, Allahabad (6 February, 2015). Chaired a session.



**Proposed projects/ SAP grants etc.**

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process
1.	DST	Effects of Meditation and Positive Imagery on Depression	36 Months	57,90,000/-	Proposed

**Any other information**

The department has identified following problem areas for further research:

1. Prehistoric Human migration, movement and exchange networks in Vindhya and Ganga Valley
2. Environmental impact on Prehistoric Human subsistence in North-Central India  
In order to resolve above problems the department has planned for GIS-based explorations of Ganga Valley and collecting geo- special data through Photogrammetry and Remote Sensing.
3. Early historic metallurgy and Alloy formation in Ganga Valley
4. Ancient Indian Ceramic Technology
5. Recording and dissemination of Cultural Heritage materials
6. Exploration of early temples and Iconographic analysis through CAD and Reverse Engineering techniques.
7. Geo-technical analysis of ancient structures
8. Fresh review in the developments in Socio-Economic, Religious and Art History.

DEPARTMENT OF ANTHROPOLOGY

**Introduction:**

The Department of Anthropology was established in the year 1985. The Department is located in the new FCI building of Allahabad University. The Department offers courses at the UG, PG and D.Phil. level.

**Thrust Areas:**

- Forensic Anthropology
- Disaster Victim Identification
- Human Growth and Development
- Dermatoglyphics
- Bio-metrics
- Tribal Research
- Medical Anthropology
- Reproductive Health
- Gender Studies
- Anthropology of Disasters

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)	09	Social and Physical Anthropology
2.	M. A.		31	-
3.	B. A.		50	Not Required

**Faculty members and their Area of Research:**

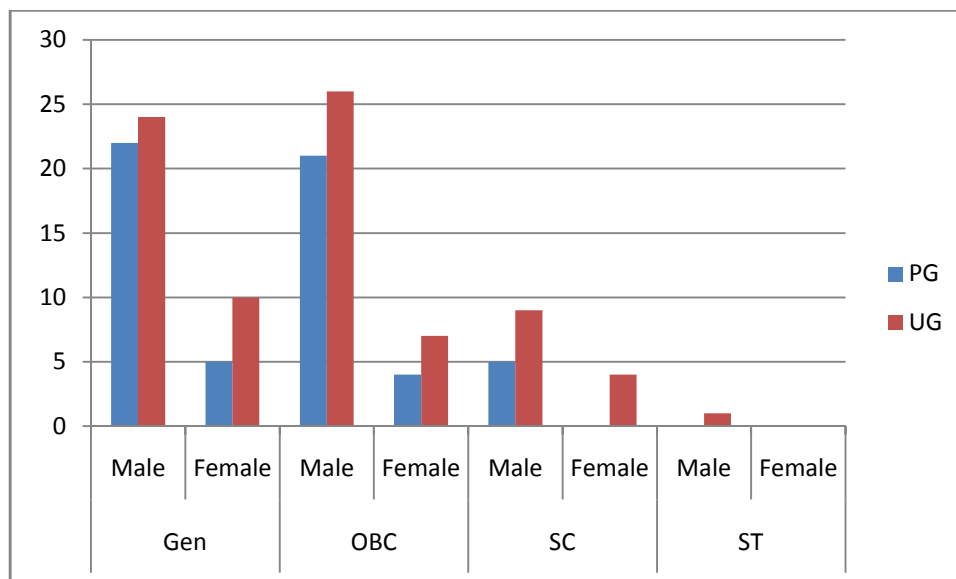
S. No.	Name	Designation	Area of Specialization
1.	Khirod C. Moharana	Assistant Professor	Social-cultural Anthropology
2.	Prashant Khattri	Assistant Professor	Social-cultural Anthropology
3.	Rahul Patel	Assistant Professor	Social-cultural Anthropology
4.	Ruma Purkait	Professor	Biological Anthropology
5.	Shailendra Mishra	Assistant Professor	Biological Anthropology

**Support Staff:**

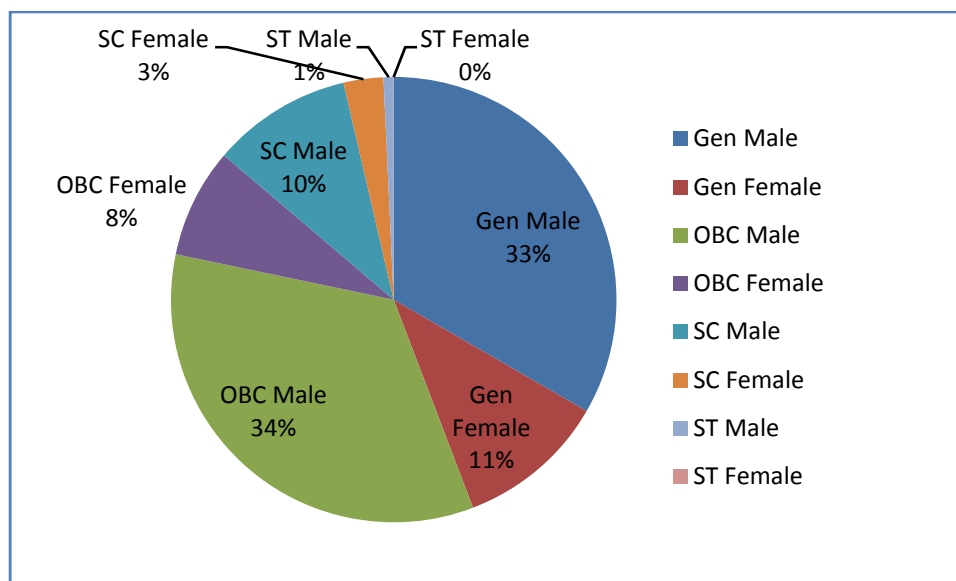
S. No.	Name	Gender	Category	Designation/work
1.	Mr. Amitabh Kesari	Male	Gen	Office Assistant
2.	Mr. B.L. Shukla	Male	Gen	Lab Assistant
3.	Mr. Premchand	Male		Peon
4.	Mr. Swaminath	Male		Peon

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
PG	22	05	27	21	04	25	05	00	05	00	00	00	48	09	57
UG	24	10	34	26	07	33	09	04	13	01	00	01	60	21	81
Total	46	15	61	47	11	58	14	04	18	01	00	01	108	30	138



Student Enrollment for the Department



Gender wise distribution of Students

**Seminars/Workshops/Conferences/Special Lectures:**

**Ruma Purkait**

- Attended Training in ‘Forensic Anthropology: Trauma & Pathology’ at the Central Institute of Forensic Science at Bangkok, Thailand in June 2015

**Prashant Khattri**

- Published a column in ‘Hastakshep’ weekly special magazine of a News Daily, Rashtriya Sahara on the issue – ‘जातिकीआर्थिकी’

- Successfully completed the 113<sup>th</sup> Orientation Course from the UGC-HRDC, Allahabad University held between February 22-March 20, 2016.
- Presented a paper titled “**Sustainable Livelihood, Disasters and State: Case of Floods in Bahraich District of Uttar Pradesh**” in a **National Seminar held at IGNOU, New Delhi on ‘Anthropology: Unveiling the Mystique’** in Collaboration with ICSSR, ICMR, IGNRS on October 28th and 29th, 2015

#### Rahul Patel

- Convened a panel at International Union of Anthropological and Ethnological Sciences (IUAES) Inter-Congress 2015 held on July 15-17, 2015 at Thammasat University, Bangkok (Thailand) Panel: P4-03 (Elderly People and Human Rights)
- Presented a paper titled, “ *Older People and their Human Rights: a study with special reference to tribal and rural community of India*” at IUAES Inter- Congress 2015 held on July 15-17, 2015 at Thammasat University, Bangkok (Thailand)
- Participated in one-day workshop on “Role of Educational Institutions in U.P. in Impacting Health Concerns of Women and Children” (July 28, 2015), Department of Sociology, University of Allahabad.
- Conducted and organized the Anthropological Field work for the students of MA/MSc (Final year) Batch 2015-16 in Anthropology as Supervisor (Feb 06-20, 2016)
- Co-chaired a Technical Session in the ‘National Seminar’ on Social Ecology and Environmental Movements in India organized by ISS and IWS, LU and Deptt of Sociology, University of Lucknow on October 13-14, 2015.
- Chaired a Technical Session in the ‘National Seminar’ on ‘New Dimensions of Social Work’ organized by UPRTOU, Allahabad on March 8-9, 2016.
- Delivered an Invited lecture on ‘Tribes and their development’ in the ‘National Seminar’ on ‘New Dimensions of Social Work’ organized by UPRTOU, Allahabad on March 8-9, 2016.
- Editor, ‘*Anthropolitan*’ (Newsletter of Anthropology Alumni Association, University of Lucknow) Vol 1 (2015)
- Managing Editor, ‘*The Social Ion*’(An International Journal); Published from Lucknow. ISSN No. 2319-3581.
- Review Editor, ‘*The Anthropos*’; Published from Lucknow. ISSN No. 2319-278X. (July 2013-till date)
- Associate Editor, ‘*Voice of Intellectual Man*’(An International Journal); Published from Lucknow. ISSN No. 2231-6914. (available @ www.indianjournals.com)
- Guest Editor, Samaj Bodh; Published from Lucknow. ISSN No. 2231-0207.(available@www.indianjournals.com)
- Member of Editorial Board of ‘*International Journal of Social and Economic Research*’ (online ISSN)(available @www.indianjournals.com).

#### Khirod Chandra Moharana

- Research Paper Presentation:*International Seminar*:Presented research paper titled “Consumption, Culture and Climate: An Anthropological Approach to Mitigation” at the International Seminar on Anthropology and Global Climate Change: Local Knowledge, Cultural Adaptation and Resilience among the Indigenous Peoples organised by the Department of Anthropology, University of Hyderabad during 15-16 February 2016.
- Designed Curriculum for MA/MSc Anthropology which was presented before the Board of Studies.
- Successfully completed the 113<sup>th</sup> Orientation Course from the UGC-HRDC, Allahabad University held between February 22-March 20, 2016

DEPARTMENT OF ARABIC AND PERSIAN

**Introduction:**

- Name of the Department: Arabic & Persian, Senate House Campus, University of Allahabad – 211002.
- Year of establishment: 1887.
- Faculty of the University: Faculty of Arts.
- Name of programmes offered: UG (Arabic & Persian), PG (Arabic & Persian), D.Phil (Arabic & Persian) and D.Litt. (Arabic & Persian).

**Thrust Areas:**

- Classical Literature

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats
1.	D. Phil	Max. 5 years (includes course work)	As per vacancy
2.	M. A (Arabic & Persian)	02 years	75 + 75
3.	B. A.	03 Years	120

**Faculty members and their Area of Research:**

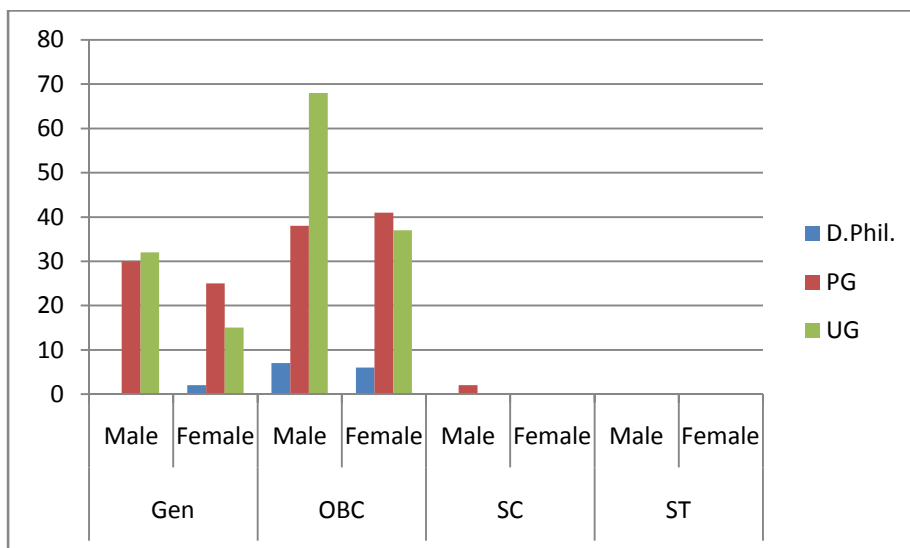
S. No.	Name	Designation	Area of Specialization
1.	Abdul Qadir Jafari	Professor	Modern Persian Prose and poetry
2.	Mahmood H. A. R. Mirza	Assistant Professor	Modern literature and translation
3.	Smt. Neelofar Hafeez	Assistant Professor	Indo Persian Literature
4.	Smt.Saleha Rasheed	Associate Professor	Language and Literature

**Support Staff:**

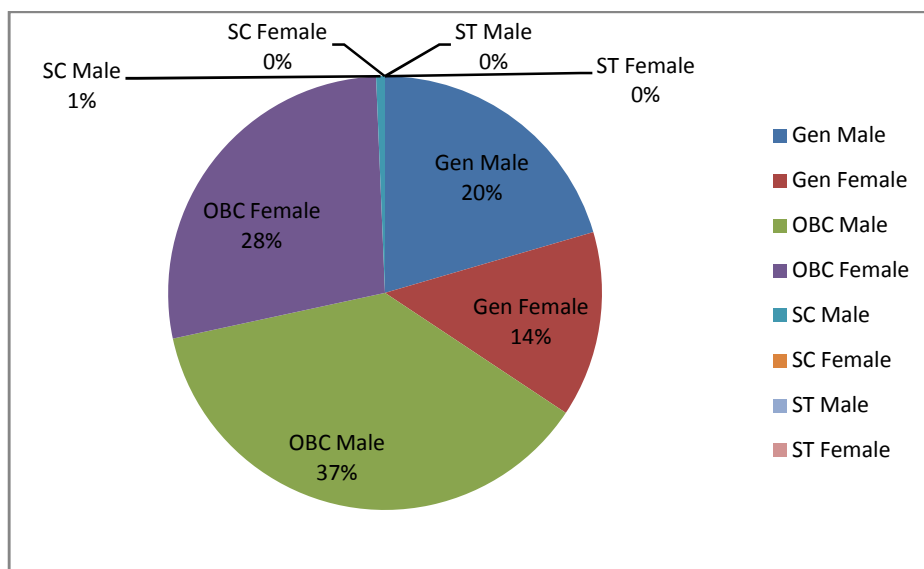
S. No.	Name	Gender	Category	Designation/work
1.	Ajay Shanker Gaur	Male	OBC	Junior Office Assistant
2.	Mohd. Rais	Male	OBC	Peon

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil.	0	2	2	7	6	13	0	0	0	0	0	0	7	8	15
PG	30	25	55	38	41	79	2	0	2	0	0	0	70	66	136
UG	32	15	47	68	37	105	0	0	0	0	0	0	100	52	152
<b>Total</b>	<b>62</b>	<b>42</b>	<b>104</b>	<b>113</b>	<b>84</b>	<b>197</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>177</b>	<b>126</b>	<b>303</b>



Student Enrollment for the Department of Arabic and Persian



Gender wise distribution of Students

Journals published by the department:

S. No.	Title	Nature (National/ International)	Established	Annual/bi-annual /quarterly	ISSN
1.	Arabic and Persian Research Journal	N/A	2014	Bi-Annual	ISSN: 2394-5729

Training/orientation/refresher courses attended/Delivered Lectures by Faculty Members:

Neelofar Hafeez

- Orintation programme from 22 July – 19 August 2015 at HRDC, Aligarh Muslim University, Aligarh.



- Participated in the national seminar on 1-2 August, 2015 at HRDC, Aligarh Muslim University, Aligarh.
- Presented paper at the national seminar organized by Hamidia Girls College, 17-18 Feb, 2016
- Participated in the three days workshop from 27-29 Jan, 2016, Deptt. Of Urdu, University of Allahabad
- Presented paper in national seminar 2-3 March 2016, Deptt. Of Urdu, University of Allahabad
- Presented paper in international seminar 08-10 March, 2016, Dept. of Arabic, Delhi University.

#### **Abdul Qadir Jafari**

- Paper presented at international seminar Delhi as depicted in Amir Khusrau's writings, 4-6 Feb 2015, Dept. of Persian, Delhi University.
- Paper presented at international seminar Urfi and his poetry – A case study, 11-11 Feb 2015, Dept. of Persian, Lucknow University.
- Paper presented at international seminar Khusraus Mathnavis – Prime Source of Indian History, 11-13 March 2015, Institute of Persian Research, AMU
- Paper presented at international seminar Influence Persian on Indian Language, 21-22 Aril 2016, Persian Dept. ZakiR Husain Delhi College, Delhi University, Delhi.

#### **Saleha Rasheed**

- Anware Suhaili Ek Tajziyati Motalea, presented at a International seminar held on 8-10 March 2016, Dept. of Arabic, University of Delhi, Delhi.
- Farsi Dani –e- Maulana Azad and Ghubari Kahtir, presented at a International seminar on 29-31 March 2016, Deptt. Of Persian, Kolkata University.
- Nawad Mohd Mustafa Khan Shefta – Ahwal o Asar, presented at a national seminar held on 21 March, 2016, Dept. of Urdu, CCS University, Meerut
- Women and their Emancipation in and through Ismat Chughtayi's novels, presented at a national seminar held on 2 March 2016, Dept. of Urdu, University of Allahabad
- Urdu Asnaf-e-Adab Par Farsi ke Asrat, presented at a International seminar held on 28-30 Dec, 2016, Dept. of Persian, University of Patna.
- Tareekh-e-Qandhari : Ek kam maroof Tareekh, presented at a International seminar held on 02-04 Feb, 2016, Aligarh Muslim University.
- Tareekh-e-Akbari Ek Motalea, presented at a International seminar held on 3-5 March, 2015, Dept. of Persian, University of Delhi
- Five days workshop on Urdu, Hindi, English Afsana Samt o Raftar, organized by CCS University, Meerut 24-28 April 2015.

#### **Mahmood H.A.R. Mirza**

- Umme Habibah an ideal to Muslims, presented at an international seminar held during 21<sup>st</sup> -22<sup>nd</sup> Nov. 2015, Shibli National College, Azamgarh.
- Kalila wa Diman and its impact of Social life, presented at a International seminar held on 8<sup>th</sup> – 10<sup>th</sup> March 2016, Dept. of Arabic, University of Delhi, Delhi.
- Contribution of Darul Musannefin to the Arabic Literature, presented at an International seminar held during 1<sup>st</sup> – 2<sup>nd</sup> Nov. 2015, Shibli Academy, Azamgarh.
- Rijalul Hind was Sind of Qazi Athar Mubarakpuri (an analytical study), presented at national seminar held on 17-18 Feb, 2016, Deptt. Of Arabc, JMI, New Delhi. And chaired a session of the same Seminar.

## DEPARTMENT OF EDUCATION

### Introduction:

The department of Education, University of Allahabad is one of the oldest institutions of Education discipline in the country. It was established in the year 1942. The stalwarts like Prof. P.S. Naidu, Col. Sohanlal, Prof. S.B. Adavat, Prof. S.K. Pal built the academic culture of this department.

The Department offers undergraduate and postgraduate level course along with M.Ed. (four semester course) and Masters in Education programme. The doctoral programme in education is also pursued with methodological vigers.

The Department has secured UGC SAP project for year from 2011-2016. The faculty members'contribution are well acknowledged at national and international level.

### Thrust Areas:

For D.Phil Research, the major thrust areas are:

1. Philosophy of Education
2. Sociology of Education
3. Educational Psychology
4. Educational Administration
5. Open and Distance Learning
6. ICT in Education
7. Peace Education/Education for Peace
8. Teacher Education
9. School Education
10. Research Methodology oriented research
11. Other emerging areas of pursuit

### Programme of Study

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phill	5Years (includes course work)		Please refer to the areas
2.	M.A.	4 semester 2 year	32	Education
3.	B.A./ I, II & III	3 years	1462	Not Required
4.	M.Ed.	4 semester 2 year	50	

### Faculty members and their Area of Research:

S. No.	Name	Designation	Area of Specialization
1.	Akanksha Singh	Assistant Professor	Philosophical foundation qualitative research
2.	Dhananjay Yadav	Professor	Measurement & Evaluation ICT, Educational Statistics
3.	K.S. Mishra	Professor	Educational Psychology and Testing
4.	P.K.Sahoo	Professor	Open Distance Learning, ET, & Research Methodology Teacher Education
5.	P.K. Astalin	Asst. Professor	Meas. eval. quia. Counselling
6.	Pratibha Upadyay	Professor & Head	Educational Statistics Emerging Trends Education for Peace
7.	Ruchi Dubey	Assistant Professor	Educational Psychology Guidance & Counselling English Teaching
8.	Saroj Yadav	Assistant Professor	Edu. Tech. Meas. eval.
9.	Sujata Raghuvansh	Professor	Philosophy of Education
10.	Usha Mishra	Professor	Sociology of Education
11.	Vidya Agarwal	Professor	Educational Administrative & Teacher Education

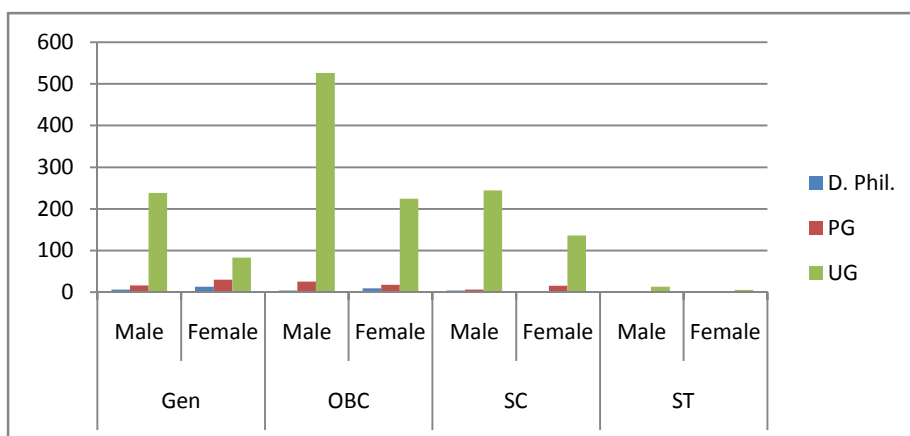
### Support Staff:

S.No.	Name	Gender	Category	Designation/work
1.	Sr. Sanjiv Singh	Male	GEN	Jr. off. Asstt.

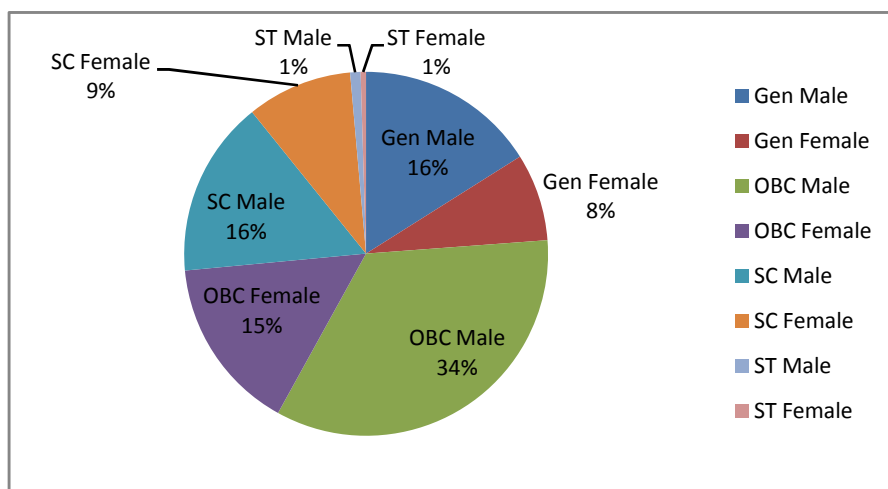
S.No.	Name	Gender	Category	Designation/work
2.	Sr. Ram Lakhan Yadav	Male	OBC	Jr. off. Asstt.
3.	Smt. Shubha Devi	Female	GEN	Peon
4.	Smt. Anarkali	Female	SC	Peon
5.	Manoj	Male	SC	Sweeper
6.	Vijay	Male	SC	Gardner

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D. Phill	06	13	19	04	09	13	04	01	05	01	01	02	15	24	39
PG	16	30	46	25	18	43	06	15	21	01	02	03	48	65	113
UG	238	83	321	526	224	750	244	136	380	13	05	18	1021	448	1469
<b>Total</b>	260	126	386	555	251	806	254	152	406	15	08	23	1084	537	1621



**Student Enrollment for the Department**



**Gender wise distribution of Students**

**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	UGC National Seminar Quality Issues in	National	19 <sup>th</sup> -20 <sup>th</sup> February 2016	UGC SAP	63	40
2.	Education and National Policy on Teacher Education					

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Dates	Funding/Sponsor	Speakers
1.	Teacher Educators Course	30 <sup>th</sup> January to 19 <sup>th</sup> February 2016	UGC HRDC	UGC
2.	Pre D. Phil. Course in Education	2015-16	UGC SAP	Prof. Y P Agarwal, Kurukshetra University Prof. J K Joshi Uttarakhand Open University

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/ International)	Objectives
1.	Indian Association of Teacher Educators HQr till March 2015	National	Professional Development of Teachers & Teacher Educators

**Journals published by the department:**

S. No.	Title	Nature (National/ International)	Established	Annual/bi-annual /quarterly	ISSN
1.	Researches & studies	National	1950	Annual	0084-621

## DEPARTMENT OF ENGLISH AND MODERN EUROPEAN LANGUAGES

### Introduction:

The Department of English and Modern European languages, University of Allahabad, has a unique distinction of being one of the oldest English Departments in the country, it was established in the year 1922. There were great teachers in this Department who in their own style carried the mantles of Oxford dons that they reflected in the then “Oxford of the East” of which the English Department could be called the truest representative. Department has poets, writers of fiction, directors of plays, scholars who have received prestigious Fellowships (national and international), and great teachers continuing the age old tradition of a grand teaching Department.

The Department has a rich tradition, a glorious past and a splendid present. In the past a galaxy of distinguished scholars served on the faculty of the Department, such as Prof. Amaranatha Jha, Prof. S.C. Deb, Prof. P.E. Dustoor, Shri Firaq Gorakhpuri, Dr. Harivansh Rai Bachchan, Prof. V.D.N. Sahi, Prof. K.K. Mehrotra and Prof. Y. Sahai.

The Department offers English Literature and English Language at the undergraduate level apart from Post Graduation in English Literature. Keeping the tradition on, the Department has recently edited six anthologies for undergraduate students, which have been published by Oxford University Press, Macmillan and Orient Blackswan. Department is currently working on the seventh.

The Department also teaches certificate and diploma courses in French, German and Russian languages.

### Thrust Areas:

- Textual Criticism
- History of British, American and New Literatures
- Creative Writing
- Post-Colonial Discourse
- Feminist Discourse
- Impact of Globalization on English Studies
- Literary Theory

### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	According to vacancy	NA
2.	M. A.	Two years ( Annual Mode)	262	NA
3.	B. A. English Lit	Three years	650	Not Required
4.	B. A. English Language	Three years	400	Not Required
5.	Certificate of Proficiency (French/German/Russian)	One year	80	NA
6.	Diploma Courses (French/Gerrma/Russian)	One year	80	NA

### Faculty Members and their area of Research:

S. No.	Name of the Faculty	Designation	Specialization
1.	Bandana Sharma	Professor	Indian Literary Theory, Indian Fiction
2.	Bhaskara Jha	Associate Professor	German Language
3.	Deepika Srivastava	Professor	Contemporary Fiction
4.	Gunjan Sushil	Professor	Indian Fiction in the 21st Century
5.	Irene B Das	Professor	Romantic Poetry
6.	Indrani Mukherjee	Professor	Tagore & Eliot
7.	Jaya Kapoor	Assistant Professor	Post Partition Literature

## UNIVERSITY OF ALLAHABAD

S. No.	Name of the Faculty	Designation	Specialization
8.	Lakshmi Raj Sharma	Professor	Modernist and Contemporary Literary Theory, Indian English Fiction and Critical Theory
9.	Neelum Saran Gour	Professor	Indian Fiction
10.	Phool Chandra Singh	Professor	Comparative Literature (Russian and Hindi)
11.	Raju Parghi	Assistant Professor	Indian Women's Drama in English, African American Women's Drama & fiction, Nature Studies
12.	Rakesh Kumar Singh	Professor	Contemporary Fiction (American, British & Indian)
13.	Sanjoy Saksena	Professor	Contemporary Theory and Poetry
14.	Sarvajit Mukerji	Professor	Eco Criticism, Women's Studies
15.	Smita Agrawal	Professor	Modern Poetry (American, British and Indian English Poetry; Translation Studies.)
16.	Sonjoy Dutta Roy	Professor	Contemporary Indian Narratives, Autobiography Studies
17.	Sumita Parmar	Professor	Women's Studies
18.	Suresh Chandra Dubey	Professor	Poetry, Commonwealth Literature
19.	Susheel Kumar Sharma	Professor	English Studies in India, Post-colonial Studies, Milton
20.	Sushmita Roy	Professor	Victorian Poetry

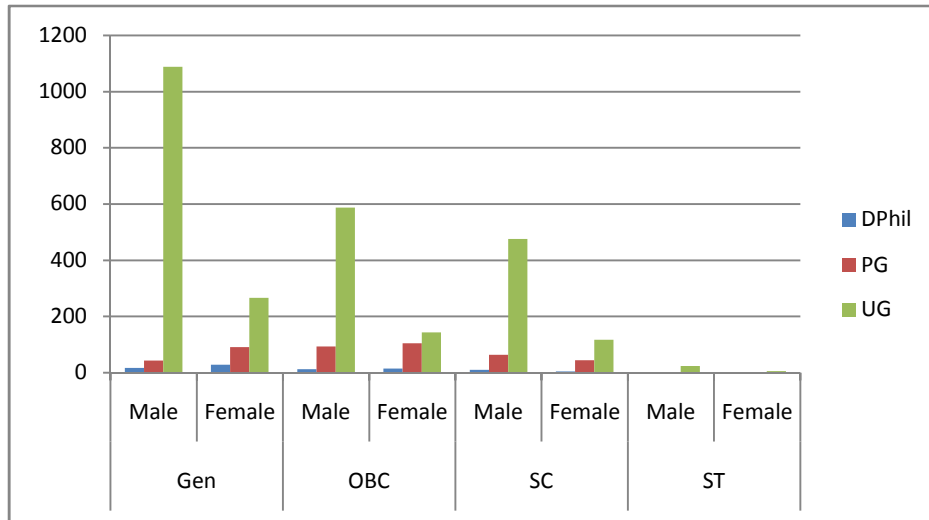
### Support Staff:

S. No.	Name	Gender	Category	Designation/work
1.	Sri Vindhya Vasini Pandey	Male	Gen	Junior Office Assistant
2.	Smt Malti Devi	Female	OBC	Junior Office Assistant
3.	Shri Krishna Murari Yadav	Male	OBC	Junior Office Assistant
4.	Sri Ramesh	Male	OBC	Peon
5.	Sri Ram Sajivan	Male	OBC	Peon
6.	Sri Rajesh Kumar	Male	OBC	Peon
7.	Sri Ajai Kr Khatri	Male	Gen	Peon
8.	Sri Kasim	Male	OBC	Peon
9.	Sri Mohd Shamim	Male	OBC	Sweeper

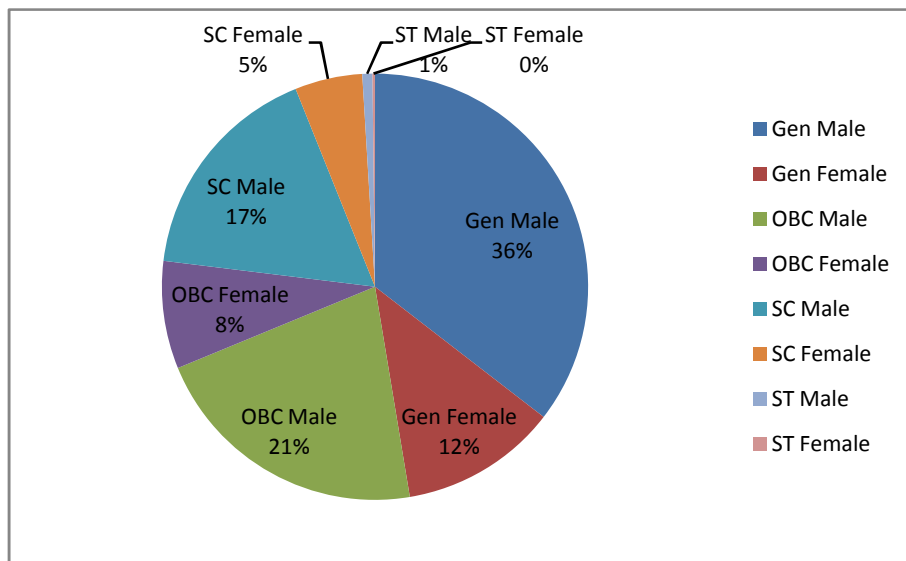
### Number of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>DPhil</b>	17	29	46	12	15	27	10	05	15	00	00	00	39	49	88
<b>PG</b>	43	91	134	93	105	198	64	44	108	1	00	1	201	240	441
<b>UG</b>	1088	266	1354	588	144	732	476	117	593	24	6	30	2176	533	2709
<b>Total</b>	1148	386	1532	693	264	957	550	166	716	25	6	31	2416	822	3238





Student Enrollment for the Department



Gender wise distribution of Students

Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/ workshop/conference	National / Inter-national	Funding/ sponsor Agenc(y/ies)
1.	The Post colonial in Literature	National	University of Allahabad
2	The Post Colonial Drama	National	University of Allahabad
3	The Scope of Post colonialism	National	Kanpur University
4	Application of Postcolonial Approach to the Selected Plays of Habib Tanvir and Novels of Amitav Ghosh	National	Kanpur University
5	Participative Theatre as a Tool for Women's Empowerment	National	University of Allahabad
6	The Post colonial in Literature	National	University of Allahabad
7	The Post Colonial Drama	National	University of Allahabad
8	The Scope of Post colonialism		Kanpur University

S. No.	Name of the Seminar/ workshop/conference	National / Inter-national	Funding/ sponsor Agenc(y/ies)
9	Application of Postcolonial Approach to the Selected Plays of Habib Tanvir and Novels of Amitav Ghosh	National	Kanpur University
10	Participative Theatre as a Tool for Women's Empowerment	National	RTDC Allahabad
11	Between the Regional and the Universal: A Study of Habib Tanvir's Charan Das Chor and Agra Bazaar and Kanhailal's Pebet	National	University of Allahabad

### Lectures delivered:

1. Sharma, Susheel Kumar delivered three invited lectures on "Fictions of Human Rights", "Human Rights and Popular Culture: Fact & Fiction" and "Human Rights and Feminism in Cyber Space: Fact & Fiction" in the Summer Course on "Human Rights: Theory & Reality" for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, 3 & 4 June 2015.
2. Sharma, Susheel Kumar delivered two invited lectures on "Universal Education Vs. University Education: Some Insights from *Hind Swaraj*" in the Orientation Course for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, 10 June 2015.
3. Sharma, Susheel Kumar delivered two invited lectures on "Universal Education Vs. University Education: Some Insights from J Krishnamurti" in the Orientation Course for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, 12 June 2015.
4. Sharma, Susheel Kumar delivered twenty invited lectures on "Research Methodology" as a UGC Visiting Fellow in the Pre-PhD programme, I K S University, Khairagarh, September 10 - 15, 2015.
5. Sharma, Susheel Kumar delivered an invited lecture on "Reading Shakespeare" in the Dept of English, CMP Degree College, Allahabad, October 7, 2015.
6. Delivered two invited lectures on "Literature and Human Rights" in the Refresher Course in "Human Rights" for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, October 31, 2015.
7. Sharma, Susheel Kumar delivered two invited lectures on "Human Rights and Education" in the Refresher Course in "Human Rights" for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, November 8, 2015.
8. Sharma, Susheel Kumar delivered two invited lectures on "Ethics, Education and Gandhi" in the Orientation Course for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, November 28, 2015.
9. Sharma, Susheel Kumar delivered two invited lectures on "British and American Education Systems", UGC- Human Resource Development Centre, University of Allahabad, Allahabad, December 8, 2015.
10. Sharma, Susheel Kumar delivered two invited lectures on "British and American Systems of Education wrst Semester/CBCS System", Orientation Course for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, January 22, 2016.
11. Sharma, Susheel Kumar delivered one invited lecture on "Education of Mind and Heart: Some Insights from Literature", Mount Olive College, Dak Lane, Kohima, February 3, 2016.
12. Sharma, Susheel Kumar delivered two invited lectures on "Democracy, Ethics & Education: Insights from Gandhi and Krishnamurti", 113<sup>th</sup> Orientation Course for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, March 1, 2016.
13. Sharma, Susheel Kumar delivered two invited lectures on "British and American Systems of Education with special reference to CBCS System", 113<sup>th</sup> Orientation Course for University and College Teachers, UGC- Human Resource Development Centre, University of Allahabad, Allahabad, March 14, 2016.

**Any other information (about the Department/Center)**

- Prof Neelum Saran Gour’s book entitled *Three Rivers and a Tree: A Story of Allahabad University* was launched by noted Urdu critic and writer Padmashree Shamsur Rehman Farooqui on August 12, 2015 at a function organized in the North Hall, Senate Hall. The event was attended by literati of the town, alumni, students and teachers of the university. The book was conceived in 2012 to chronicle the achievements to celebrate the 125<sup>th</sup> year of the university.
- Dhruva Harsh, research scholar (English), produced a screen adaptation of the story “Honourable Mention” by Prof Neelum Saran Gour. Shot by Dhruva and his classmates at eye catching locations amidst the cluster of heritage buildings in the Muir Central College Campus, the film brilliantly dramatizes the mindscape and complex emotions of the chief protagonist, an academic. The scenes set in the magnificent labs and Roxenberg Botanical garden lend a touch of verisimilitude to the film. It has won accolades from the jury at the international film festivals held at Kolkata), Hyderabad (Rolling Reels), Teheran and OZARK in the US. The film was adjudged for the Best Screenplay Award at the Hyderabad festival and received special jury mention at Kolkata (KIFF). The film was screened on 10<sup>th</sup> October, 2015 in the auditorium of the Centre of Film & Theatre.
- A day-long poetry reading event was organized on January 11, 2016. Four poets Iztok Osojnik, Barabara Korun, Alenka Jovanovski and Tone Skrjanec from the Republic of Slovenia read their poems. Several students with published poetic collections and some teachers of the department also read out from their collections. Prof R. L. Hangloo, VC, graced the occasion by his presence and regaled the audience with his motivational poem.



Book Launch of Prof Neelum Saran Gour’s book *Three Rivers and a Tree: A Story of the University of Allahabad*



Screening of the film based on Prof N S Gour’s story “Honourable Mention”



Students participate in the poetry reading session



Poetry reading session by Slovenian Poets



*Research Scholar reading her poem*



*Prof Smita Agarwal reading from her collection*



*Prof R L Hangloo, VC, being greeted*



*Prof Hangloo reads his poem*



## DEPARTMENT OF GEOGRAPHY

**Introduction:**

The Department of Geography was established in 1937 and the founder head was Prof. R. N. Dubey. In the year 1946, Post graduate teaching started in the department and in the year 2009, Semester system was introduced at the Postgraduate level. The department is a leading establishment under the Faculty of Arts and offers B.A., B.Sc., M.A. and M.Sc. and D.Phil. courses. Apart from these degree courses, the Department offers Post Graduate Diploma in various branches including the Remote Sensing and GIS. The Department hosts well equipped Cartography Lab and Remote Sensing and GIS Laboratory equipped with state of the art facilities.

The Department has a glorious past and some of the leading geographers in India have been our alumni. Prof. R. P. Mishra from this department has been Vice-chancellor of the University of Allahabad and Mysore University and is considered to be one of the eminent scholars of our time.

**Thrust Areas:**

- Environmental Geomorphology and Environmental Geography, Environment & Sustainability
- Applied Climatology and Micro-climatology, Agro-Climatic Studies
- Remote Sensing and GIS (GeoInformatics)
- Regional Planning & Development, Regional Development Disparities
- Urban Geography and Urban Planning
- Cartography and Digital Mapping
- Quality of Life/Welfare Issue, Population and Development
- Agro-Industrial Regions
- Voting Pattern & Electoral Behaviour
- Ravination & Management
- Neo --Tectonic Activity
- Ground Water Exploration
- Disaster Management
- Arid Land Studies

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)	As per vacancy	As mentioned in the thrust areas.
2.	M. A.	2 years		
3.	B. A.	3 years		

**Faculty Members and their Area of Research:**

S. No.	Name	Designation	Area of Specialization
1.	A.R. Siddiqui	Professor	Arid Land Ecology, Remote Sensing G.I.S. (Environment), Urban Geography, Agricultural Geography, Population Geography
2.	Alok Dubey	Professor	Environmental Geomorphology, Remote Sensing & G.I.S., Ground Water Exploration, Climatology & Oceanography
3.	Anupam Pandey	Associate Professor	Environmental Geography, Geomorphology, Remote Sensing & G.I.S.
4.	Ashwajeet Chaudhary	Assistant Professor	Environmental Geography, Geography of Water Resources, Hazards
5.	B. N. Singh	Professor	Human Geography, Social Geography, Cultural Geography, Agricultural Geography, Regional Geography, Tourism Geography
6.	Kumkum Roy	Professor & Head	Regional Planning, Rural Development, Settlement, Resource Geography, Industrial Geography

## UNIVERSITY OF ALLAHABAD

S. No.	Name	Designation	Area of Specialization
7.	Manorama Sinha	Professor	Political Geography, Electoral Geography, Resource Geography, Population Geography and Regional Geography
8.	S. S.Ojha	Professor	Geomorphology, Environmental Geography, Climatology & Geomorphology

### Support Staff:

S. No.	Name	Gender	Designation/work
1.	Sudhakar Tripathi	M	Research Associate
2.	Vandna Shukla	M	Research Associate
3.	Khedu Ram	M	Junior Office Assistant
4.	Om Prakash	M	Care Taker Cum Office Assistant
5.	Ganga Prasad	M	Lab Attendant
6.	Dileep Kumar	M	Lab Attendant
7.	Rakesh Kumar	M	Parichar
8.	Shambunath	M	Daftari

### Training/orientation/refresher courses/special lectures conducted by the Department:

S. No.	Title	Duration and dates	Funding/sponsor	Speakers
1.	Special Lecture: R. N. Dubey Memorial		-	
2.	Special Lecture			S. K. Tripathi

### Academic Organizations (headquartered in the department):

S.No.	Name	Nature (National/International)
1.	Allahabad Geographical Society	National
2	Indian Institute of Geomorphologists (IGI)	National

### Journals published by the department:

S. No.	Title	Nature (National/International)	Annual/bi-annual /quarterly
1	National Geographer	National	Bi-annual
2.	Indian Journal of Geomorphology	National	Bi-annual

### Future Projections:

#### ❖ Proposed Courses

S. No.	Name of Programme	Nature (Degree/Diploma/training etc.)	Duration	Proposed or In process	Intake of Students
1.	M. Sc. In GeoInformatics	Degree	2 years (Four Sem)	To be Proposed	20

DEPARTMENT OF HINDI

**Introduction:**

The Department of Hindi was established in 1924 by Prof. Dharendra Verma. Hindi Department was first to initiate ‘Textual Criticism’, ‘Folk Literature’, ‘Linguistic’ and Ancient poetry. Our Department also undertook the task of preparing standard texts. Our Department is focusing on current prevailing discourses such as ‘Feminist discourse’, Dalit Discourse’, Post Modernism’, ‘Post Colonialism’, ‘Post structuralism’, ‘Orientalism’, Deconstructionalism’ etc.

**Thrust Areas:**

- (i) Textual Criticism
- (ii) Linguistic
- (iii) History Hindi Literature
- (iv) Publication of ‘SAHITYA KOSH’ in two volume..
- (v) Dalit Discourse
- (vi) Feminist Discourse
- (vii) Impact of Globalization on Hindi Literature.
- (viii) Research and reevaluation of Medieval poetry as well as Modern literature.
- (ix) Literary Journalism.

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	According to vacancy	NA
2.	M. A./M. Sc.	Two years ( Four Semester)	308	NA
3.	B. A./B. Sc.	Three years	2700	Not Required
4.	Diploma Courses	Two years	18	NA

**Faculty Members and their area of Research:**

S. No.	Name	Designation	Area of Specialization
1.	Bhoore Lal	Associate Professor	Modern poetry & Dalit Discourse
2.	Chanda Devi	Professor	Modern Literature
3.	Katyayani Singh	Professor	Drama
4.	Kripa Shankar Pandey	Professor	Modern poetry
5.	Lalsa Yadav	Associate Professor	Medieval Poetry Feminist Discourse
6.	Meera Dixit	Professor & Head	Linguistic & Folk Literature
7.	Mushtaque Ali	Professor	History of Hindi Literature, Premchand & comparative study of Hindi & Urdu.
8.	Pranay Krishna Srivastva	Professor	Modern Literature & Criticism
9.	Surya Narayan Singh	Associate Professor	Modern poetry & Criticism

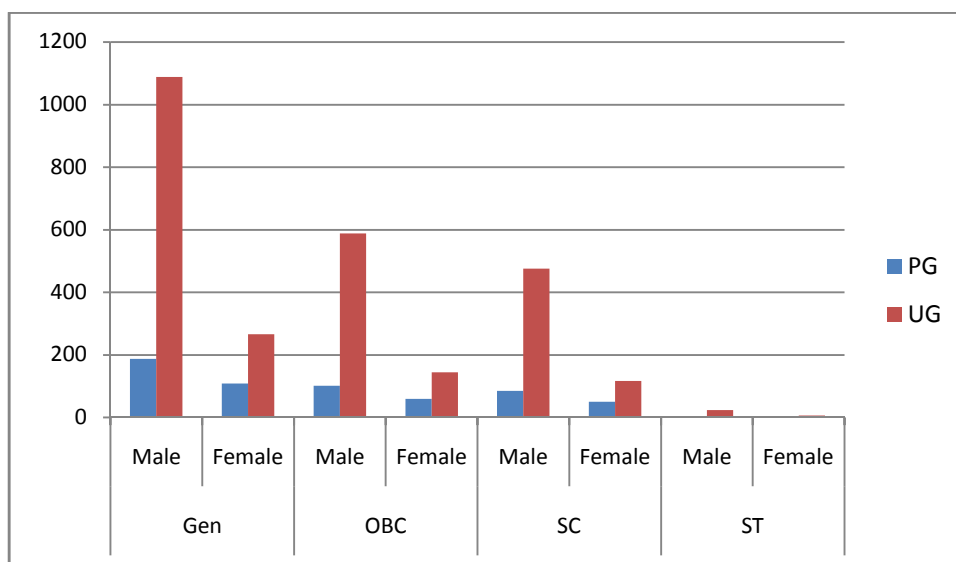
**Support Staff:**

S. No.	Name	Gender	Category	Designation/work
1.	Shri Rajnath yadav	Male	OBC	Office Assistant
2.	Shri Anshuman Upadhyay	Male	Gen	Junior Office Assistant
3.	Shri Anil Kumar	Male	OBC	Peon
4.	Shri Ram Ashare	Male	SC	Peon
5.	Ramesh	Male	SC	Sweeper

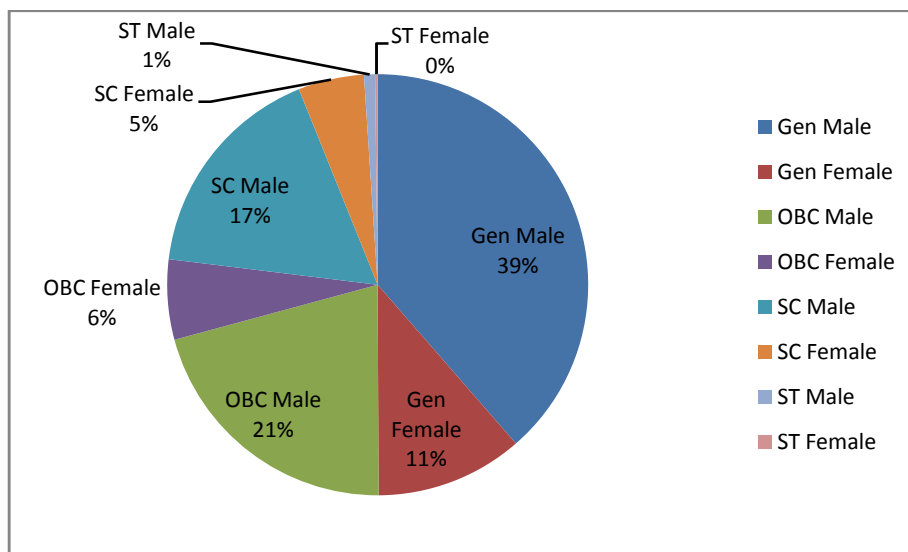


Number of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
PG	187	108	295	101	59	160	85	50	135	4	00	4	377	217	594
UG	1088	266	1354	588	144	732	476	117	593	24	6	30	2176	533	2709
Total	1275	374	1649	689	203	892	561	167	728	28	6	34	2553	750	3303



Student Enrollment for the Department of Hindi



Gender wise distribution of Students

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Nirala Vyakhyan Mala	One Day 11Jan, 2016	Hindi Parishad prakashan	Dr. Ashish Tripathi. Associate Professor, Hindi Dept., BHU

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/International)	Objectives
1.	Bharateya Hindi Parishad	National	To enrich Hindi Language & Literature
2.	Hindi Parishad Prakashan	National	To enrich Hindi Language & Literature
3.	Hindi Parishad	National	To enrich Hindi Language & Literature

**Journals published by the department:**

S. No.	Title	Nature (National/International)	Established	Annual/bi-annual / quarterly	ISSN
1.	ANUSANDHAN	National	1956	Annual	

**Seminars/Workshops/Conferences/Special Lectures:**

**Meera Dixit**

- Lecture delivered on “Nav Jagran kaleen chetna aur Prasad ka sahitya” in Arya Kanya degree college on 3 Feb, 2016.
- A lecture on “Hindi shodh ke stareekaran kee samasyaen aur samaadhan” at Kendriya sahity sansthan , Agra on 28 Feb, 2016.
- Lecture delivered on “Nav Jagran kaleen chetna aur Prasad ka sahitya” in Arya Kanya degree college on 3 Feb, 2016.
- A lecture on “Hindi shodh ke stareekaran kee samasyaen aur samaadhan” at Kendriya sahity sansthan , Agra on 28 Feb, 2016.

**Mushtaque Ali**

- Chief Editor of A Research Journal “ANUSANDHAN” published from department of Hindi.

**Surya Narayan Singh**

- Convened a lecture of Nirala vyakhyan Mala on 11<sup>th</sup> Jan, 2016 , orator is Dr. Ashish Tripathi, Associate professor, BHU.

**DEPARTMENT OF JOURNALISM  
AND MASS COMMUNICATION**

**Introduction:**

The Two Year P. G. Diploma in Journalism & Mass Communication was commenced in year 1984-85 under the Department of Political Science. The Dept. got its independent existence in the year 1993. In the year 200, Post Graduate and Bachelor of Journalism & Mass communication started. In the Year M.A. (Mass Communication) was started, which is a semester based programme. The sanctioned students' strength is about 96.

At present, The Department has one permanent Faculty (Assistant Professor) and one clerk and one peon. Vacant faculty positions are one for Professor and Five Assistant Professors.

In the current session (2015-16), 75 students are studying in the Department (46 in the First year and 29 in the II-year).

**Thrust Areas:**

- Television production and Documentary making,
- Radio program production,
- Print Media.

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	M. A.	2 years(Four Semesters)	96	--

**Faculty Members and their Area of Research**

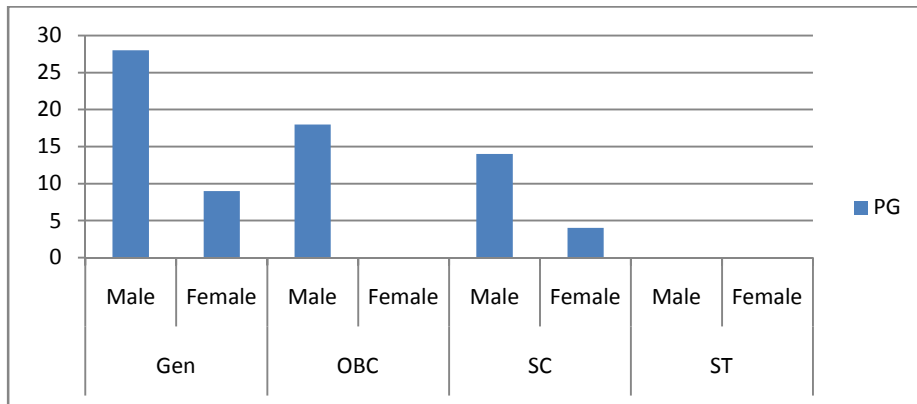
S. No.	Name	Designation	Area of Specialization
1.	Sunil Umarao	Assistant Professor	Documentary Production and Development Communication

**Support Staff:**

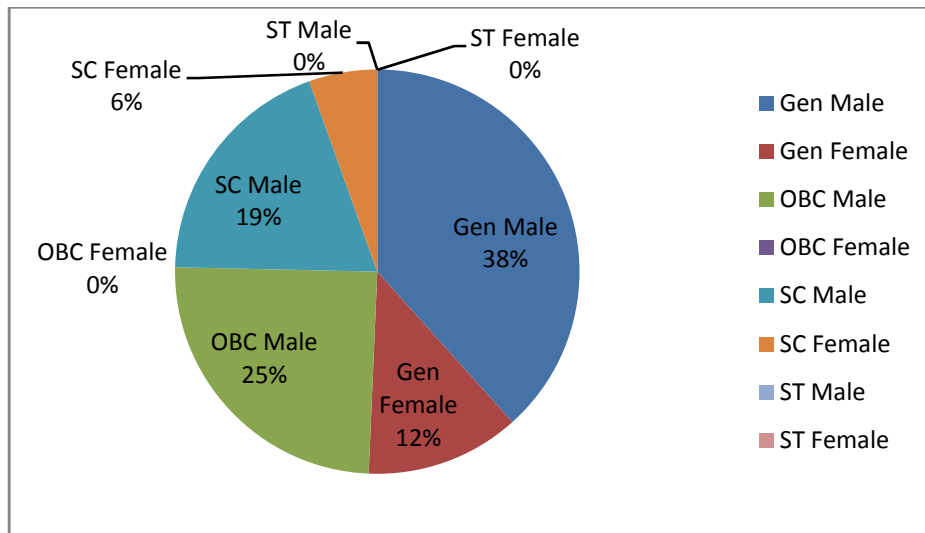
S. No.	Name	Gender	Category	Designation/work
1.	Chandra Kishor Tripathi	M	GEN	Junior Office Assistant
2.	Yamuna Prasad Shukla	M	GEN	Peon

**Details of Students, Programme-wise and Reservation-wise (2015-16)**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PG	28	9	37	18		18	14	4	18	-	-	-	62	13	75
<b>Total</b>	28	9	37	18		18	14	4	18	-	-	-	62	13	75



Student Enrollment for the Department of Journalism and Mass Communication



Gender wise distribution of Students

Funding received during the period (amount/purpose/agency):

S. No.	Funding Agency	Purpose	Amount (Rs.)
1.	University of Allahabad Annual Grant	Equipments	3,00,000/-
2.	University of Allahabad	Lab Grant	50,000/-

## DEPARTMENT OF MEDIEVAL AND MODERN HISTORY

### Introduction:

The Chair of Professor in Department of History was created in 1912-13. Academic lectures and teaching commenced in December 1916. Gradually eminent historians joined the department on the invitation and appointment made by the first HOD, Prof. L. F. Rushbrook Williams. Those joining in 1917-1919 period include Ishwari Prasad, R. P. Tripathi, Beni Prasad, Sir Shahafat Ahmad Khan and Dr. Tara Chand.

Two of the above earned the D.Litt. degree of the London University by working under the legendary Haraold Laski – Beni Prasad and R. P. Tripathi.

By 1935, when the first session of the Indian History Congress was held at Pune – it was deemed necessary to unanimously elect Prof Shahaft Ahmad Khan, the then HOD of our Department as its first president because of the immense contributions made by the historians working under his stewardship. Their contributions gave rise to what came to be emerging later as the “Allahabad School of History”.

### Thrust Areas:

- Historical Analysis of the political developments in the region c.1200 to c.1950.
- Studies of the Social and Political Profile of the Region c.1200 to c.1950.
- A study of Cultural Developments and conflicts in the region c.1200 to c.1950.
- Historical understanding of the Gender Issues and conflicts in the region from c.1200 to c.1950.
- Study of political and social Conflicts in region from c.1200 to c.1950.
- Agrarian issues and social conflicts in the region from c.1200 to c.1950.

### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)	06	Above mentioned thrust areas
2.	M. A.	2 years	159	Medieval and Modern India
3.	B. A.	3 years		

### Faculty Members and their Area of Reseach

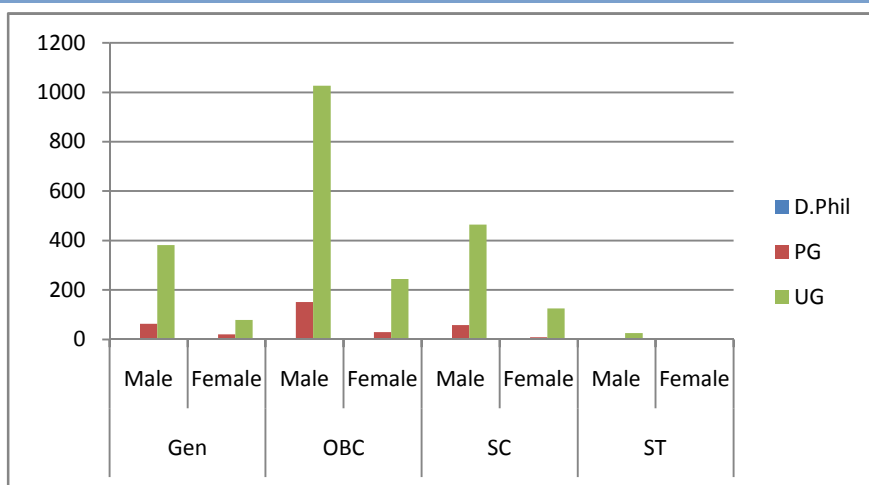
S. No.	Name	Designation	Area of Specialization
1.	Alok Prasad	Associate Professor	Modern India
2.	Heramb Chaturvedi	Professor	Medieval India
3.	Kalpna Dwivedi	Associate Professor	Medieval India
4.	Lalit Joshi	Professor	Modern India
5.	P. L. Vishwakarma	Professor	Medieval India
6.	P.S. Harish	Assistant Professor	Medieval India
7.	Sanjay Shrivastava	Associate Professor	Medieval India
8.	Vandita Varma	Associate Professor	Modern India
9.	Vikram Harijan	Assistant Professor	Medieval India
10.	Yogeshwar Tiwari	Professor	Medieval India

### Support Staff:

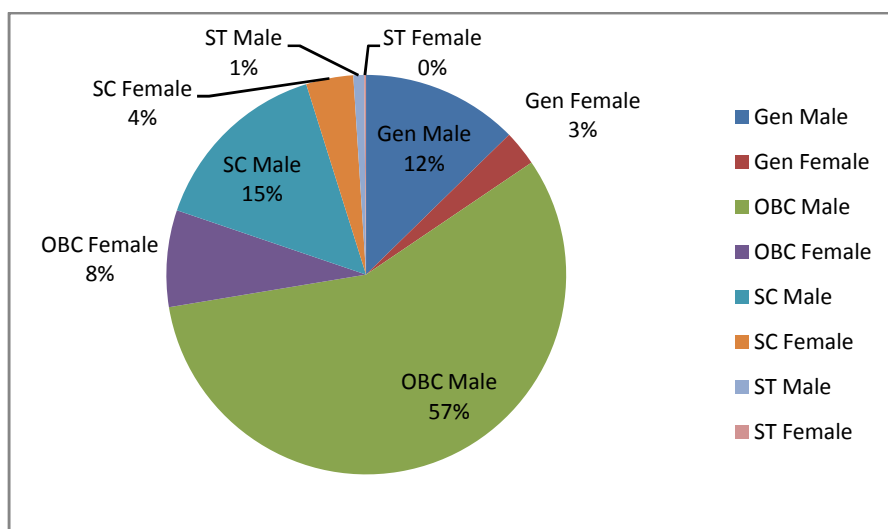
S. No.	Name	Gender	Category	Designation/work
1.	Mr. Neeraj Mishra	M	Gen	Office Staff
2.	Mr. Surendra Nath Shukla	M	Gen	Library Work
3.	Mr. Bhanu Pratap Singh	M	Gen	Peon
4.	Mr. Imam Ali	M	OBC	Peon
5.	Mr. Shiv Prasad	M	S. C.	Peon
6.	Mr. Syiad Ali	M	O.B.C.	Peon

**Number of students programme wise with reservation (2015016):**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D.Phil</b>	-	-	-	2	1	3	2	1	3	-	-	-	4	2	6
<b>PG</b>	64	21	85	152	30	182	58	09	67	4	5	9	255	65	320
<b>UG</b>	382	79	461	1026	245	1271	465	125	590	26	1	27	1899	50	2349
<b>Total</b>	<b>446</b>	<b>100</b>	<b>546</b>	<b>2001</b>	<b>276</b>	<b>2277</b>	<b>525</b>	<b>135</b>	<b>660</b>	<b>30</b>	<b>06</b>	<b>36</b>	<b>3002</b>	<b>517</b>	<b>3519</b>



**Student Enrollment for the Department of Medieval and Modern History**



**Gender wise distribution of Students**

**Books Published during 2015-16 by the Department:**

S. No.	Title	Type	Author(s)	Publication	ISBN
1.	The Allahabad School of History	Reference book	Heramb Chaturvedi	Ocean book Pvt. Ltd., new Delhi	ISBN:978-81-8430-346-9

## DEPARTMENT OF MUSIC AND PERFORMING ARTS

### Introduction:

We are proud to look back at the adoption of our classical Music from the traditional Gurukul system to that of the University system. Established in 1926, the department of Music and performing Arts has a long and illustrious history, when the well known music lover and the renowned academician Dr. D.R. Bhattacharya started a Music Association in 1926 and the first music conference was organized under the auspices of this Association and Dr. D.R. Bhattacharya was the Vice-President. Two years Junior Diploma in vocal and instrumental music was started in 1935 and diploma in painting in 1937 in women's college campus. In 1942 senior diploma in vocal and instrumental Music was introduced and in 1945 the music vocal, instrumental and painting became a formal academic subject at undergraduate level and the regular teachers were appointed. It was only in 1947 that Dr. Amarnath Jha, Vice-Chancellor of Allahabad University laid down the foundation of the building of Music department and in 1950 a small building was constructed for the music department and inaugurated by the then Hon'ble Governor Sri. H.P. Modi. But again this building was handed over to Urdu Department in 1968 and the Music classes were again shifted to women's college campus. Only in 1970 by the courtesy of Prof. A.B. Lal, the Pro-Vice-Chancellor, building of the music department was constructed and inaugurated on the auspicious occasion of Basant Panchami in 1971 and since then the department has flourished on every front from 1973 onwards. P.G. classes were started and research work also began as a follow up. Many students of the department emerged as national level artists as well as occupying important position in academics or other important work places. The department till now offered teaching at B.A. , M.A. and Diplomas and conducted research, but from July 2003, the department of music has introduced Bachelor of Music, B. Mus three years Degree course in Vocal / Sitar / Tabla and M.Mus from 2006- 07 for enriching the quality of teaching music and to advance specialized training to the students. From 2005, the department included male candidates in B.Mus programme as a follow-up in M.Mus also. In B.A. this provision was since 2001. The department also introduced practical screening test for P.G. entrants in Music from July 2003 and included Rabindra Sangeet in B.Mus degree programme. The department also started 2 years diploma course in Indian classical Kathak dance from session 2006-07.

### Thrust Areas:

- To enable our students, after getting traditional teaching under Guru Shishya Parampara , is becoming performing Arts is their respective field.
- To provide teaching in Musicology aspect of Music.
- To provide teaching in Dhrupad /Dhamar,Tappa,Thumri in vocal Music, Swar Vadya Pakhawaj with Tabla.
- To provide Music Teaching job oriented viz Music critic, Music Recording, Music Director, Music arranging.
- To develop Audio-Visual recording (Digital)

### Programme of Study

S.No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil.	5 Years (includes course work)	53 Total (72)	Vocal /Sitar Tabla
2.	M.A.	2 Years	30+30+30	Vocal/Sitar
3.	M.P.A	2 Years	15+15+15	Tabla
4.	B.A.	3 Years	40+30+30	Vocal/Sitar/Tabla
5.	B.P.A	4 Years	30+22+22	Combination

### Faculty Members and their Area of Research:

S.No.	Name	Designation	Area of Specialization
1.	Dharpal	Asstt. Professor	Vocal
2.	Jayant Khot	Professor	Vocal
3.	Jyoti Mishra	Asstt. Professor	Vocal
4.	Prem Kumar Mallick	Associate Prof.	Vocal
5.	Rashmi dixit	Associate Prof.	Sitar



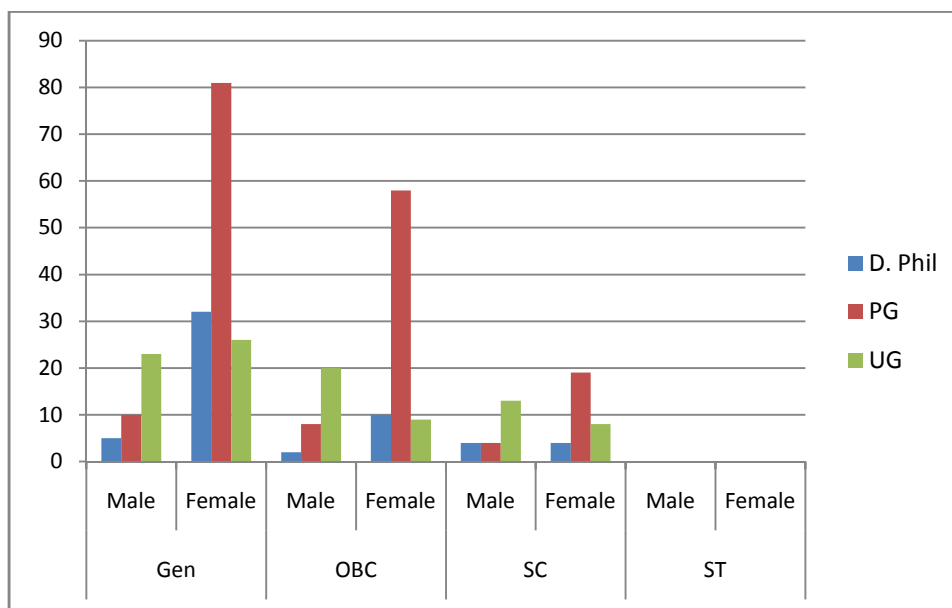
S.No.	Name	Designation	Area of Specialization
6.	Renu Johri	Asstt. Professor	Tabla
7.	Sahitya Kumar Nahar	Head & Professor	Sitar & Musicology
8.	Vidyadhar Prasad Mishra	Associate Prof.	Vocal
9.	Vishal Jain	Asstt. Professor	Vocal

**Support Staff:**

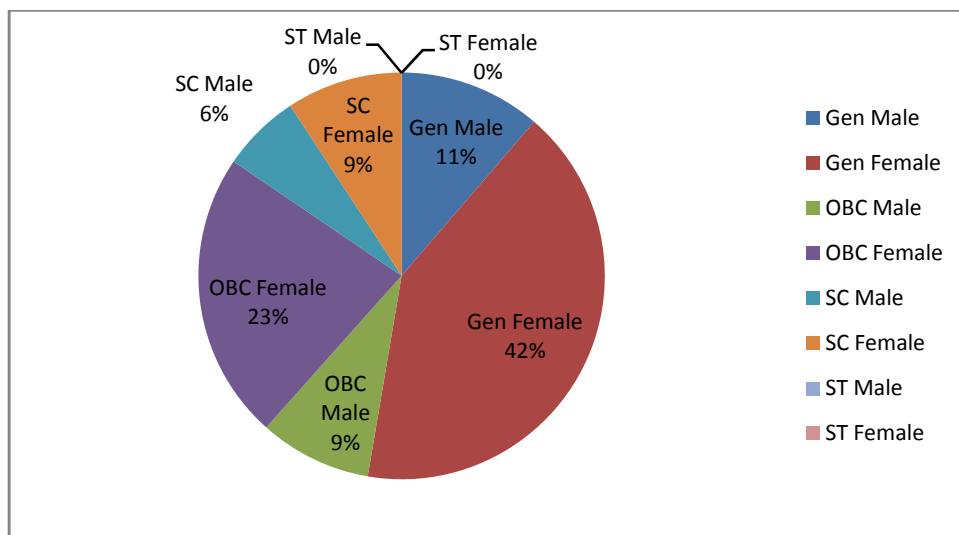
S. No.	Name	Gender	Category	Designation/work
1.	Sri Ajay Kumar	M	B	Sr. Asstt. / Office work
2.	Smt. Anuradha Kushwaha	F	C	Jr. Asstt. Office Work
3.	Dr. Vinod Kumar Misshra	M	C	Tabla Accompanist
4.	Dr. Girdhar Gopal Mishra	M	C	Tabla Accompanist
5.	Sri Ram Surat	M	C	Peon
6.	Smt. Shanti Devi	F	C	Peon
7.	Smt. Tara Devi	F	D	Peon
8.	Smt. Prema Devi	F	D	Sweeper

**Number of students programme wise with reservation (2015016):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	05	32	37	02	10	12	04	04	08	0	0	0	10	47	57
<b>PG</b>	10	81	91	08	58	66	04	19	23	0	0	0	22	158	180
<b>UG</b>	23	26	49	20	09	29	13	08	21	0	0	0	56	43	99
<b>Total</b>	<b>38</b>	<b>139</b>	<b>177</b>	<b>30</b>	<b>77</b>	<b>107</b>	<b>21</b>	<b>31</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>88</b>	<b>248</b>	<b>336</b>



**Student Enrollment for the Department of Music and Performing arts**



Gender wise distribution of Students

**Training/Orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Dates	Speakers
1.	Pre D. Phil Course	6 Months	Prof. J Kant, Prof. S. K. Nahar
2.	Refresher Course	21 days from 04 -24 Jan 2016	Prof. L.K.Pandit, Proj. R. Sanyal Prof. Rajesh shah, Prof. Sa Shorao Prof. Virendra Mishra, Prof. Shruti
3.	Cultural Festivals (Basantotsar)	2 days 13 February and 18 February 2016	Presented by Teachers & Students

**Funding received during the period (amount/purpose/agency):**

S. No.	Funding Agency	Purpose	Amount
1.	UGC labgrant	Preparing of Instruments	1,50000/-
2.	UGC Equipment	Purchase new equipment	5,0000/-

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature(National/International)	Objectives
1	Pre. D.Phil Programme	UGC Norms	For Research
2	Vanstastav	Department	For Students

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree/Diploma/training etc.)	Duration	Proposed or In process	Intake of Students	Remarks
1.	Thumr, Dhrupad	UG. PG	3 Year	In Process	-	-
2.	Guitar, Sarad, Vailen, Basuri	UG. PG	3 Year	In Process		
3.	Pakhavaj	UG. PG	3 Year	In Process		

**Seminars/Workshops/Conferences/Special Lectures:**

**Prem Kumar Mallick**

- Invited as Music expert for Doordarshan Bharti Channel DG:DD as Professional master of Hindustani vocal in 5 May, 2015.
- Music performance and Chief guest at Navoday Vidhyalaya in May, 2015.
- Classical vocal performance at Dhrupad Utsav in Varanasi on 31<sup>st</sup>Jan, 2016.

- Hindustani Vocal performance at North Central Zone Cultural Centre (NCZCC) prestigious Chalo Mann Ganga Yamuna Teer festival on 9<sup>th</sup> Feb, 2016.
- Guest of Honour and Vocal performance at 5<sup>th</sup> Pandit Vidur Mallick Sangeet Samaroh held at World Integrity Centre, Dehradun on 12<sup>th</sup> Feb, 2016.
- Dhrupad vocal performance at the International Dhrupad festival, Gwalior on 21<sup>st</sup> Feb, 2016 organized by South Central Zone Cultural Centre (SCZCC), Nagpur.

#### **Renu Johri**

- Organized an event of historic value “Tabla Diwas Samaroh” May 31<sup>st</sup> 2015
- Co-coordinated “Refresher Course” in Music & Fine Arts organized by UGC HRDC University of Allahabad from 4<sup>th</sup> February 2016 to 24<sup>th</sup> February, 2016.
- Given lec-dem on “Padmabhushan Pt. Samta Prasad ke Tabla Vadan Mein Nad Saundarya” as a resource person in refresher course on January 13<sup>th</sup> 2016.

#### **Pt. Sahitya Kumar Nahar**

- Invited as External Examiner – Ph.D. (Music) at Rajasthan University, Jaipur
- Invited as External Examiner – Ph.D. (Music) at Jiwaji University, Gwalior (M.P.)
- Attended International Seminar, Mumbai, January 29 & 30, 2016 by I.M.S. and S.R.A., Mumbai.
- Lecture-Demonstration presented in Refresher Course in Music January, 2016.
- Lecture in Pre-Doctoral Course, Music Department, University of Allahabad, Allahabad.
- Sitar Recital Programme presented in SAM Festival, New Delhi, December, 2015
- Organised Saraswati Pooja and ‘Aaya Parv Basant’ Basantotsav - 13 & 15 Feb., 2016

#### **Vishal Jain**

- “Music & Musicology in South Asia : Recent Trends”. International Conference 5-6- Nov 2015 Dept of Musicology Rabindra Bharati University Kolkata (W.B.) Paper Presentation on Topic Dhrupad Dhamar : Soundarya Tatva
- Paper Presentation International Seminar Kashikatha 2016, 6-7 Feb 2016 Organised by I.I.T. & I.M.S. B.H.U, topic Sangeet Kala Evam Kashi.
- Lecture on Dhrupad Vocal Performance Aug 2015 Allahabad Museum, Govt. of India, Allahabad
- Lecture on Dhrupad Vocal Performance Sep 2015, All India Radio, Bhopal M.P.
- Lecture on Dhrupad Vocal Performance Mar 2016 Dhrupad Mela Varanasi U.P
- Lecture Cum Demonstration, Music Teacher’s Training Programme May 2015 Jawahar Navodaya Vidyalaya, MHRD Govt. of India, Meja Road, Allahabad (U.P.)
- Lecture Cum Demonstration Dec 2015 Dr. B.R.Govt. Girls P.G. College, Fatehpur (U.P.)
- Invited Lecture Dec 2015 Dept. of Performing Arts M.G.K.V.P. Varanasi (U.P.)
- Participation in 113<sup>th</sup> UGC Sponsored Orientation Programme -22 Feb to 20 March 2016, University of Allahabad & Obtained Grade A.
- Member of Working Committee, Refresher Course in Music – 04 January to 24 January 2016, University of Allahabad.

#### **Jyoti Mishra**

- Orientation Course (June-015)
- Paper Presentation: International seminar : Sanskrit Department Feb, 2016
- Paper Presentation: National seminar : Present Scenario of higher education in India Sep, 2015.
- Paper Presentation: National seminar: महिलाओं द्वारा मानवाधिकार के लिए सामाजिक संघर्ष, महिला सशक्तिकरण चुनौतियां एवं संभावनाएँ मई 2015A
- Paper Presentation: National seminar: Gender Justice and Women issues in South Asia Dec, 2015.

## DEPARTMENT OF PHILOSOPHY

### Introduction:

The Department of Philosophy established in 1922 is one amongst the oldest and most prestigious department of University of Allahabad. The outstanding faculty members of the Department Prof. P.S. Burrell, Prof. Randle, Prof. A.E.Gough. Prof. George Thibaut, Prof. J.G. Jennings, Prof. R.D. Ranade, Prof. A.C. Mukerjee, Prof. R.N. Kaul, Prof. S. Dutta, Prof. V.S. Narvane, Prof. S.C. Biswas, Prof. S.S. Roy, Prof. S.L. Pandey, Prof. S.K. Seth, Prof. J.S. Srivastava, Prof. D.N. Dwivedi, Prof. R.L. Singh, Prof. R.S. Bhatnagar, Prof. C.L. Tripathi, Dr. S.S.D. Sharma, Dr. Pritilata Adaval, Dr. Shanti Joshi and many others have made significant contributions in the field of Philosophy through their academic works published in journals of national and international repute.

The Department has earned a good name over the years in producing a number of bright students including researchers who are well placed in different institutions and organizations in India and abroad. The Department has the distinction of training its students with the help of constant up-gradation of syllabus and an enriched teaching methodology. Consequently, the students of this Department qualify in substantial numbers in the U.G.C., NET/JRF examinations as well as in different State and All India Services Examinations.

The Department employs the conventional method of teaching with specializations in eastern and Western Philosophy at the Post Graduate and research level. The Department is going to introduce some new courses at the Post Graduate level. All the faculty members of the Department have research degrees to their credit. The teaching faculty comprises of five Professors, three Associate Professors and two Assistant Professors.

A number of National Seminars and Symposia have been organized by the department in which scholarly papers were presented and the Department has come up with publication of the proceedings.

### Thrust Areas:

- Epistemology
- Value Studies
- Indian Philosophy
- Western Philosophy
- Philosophy of Mind
- Consciousness Studies

### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats
1.	D. Phil	Max. 5 years (includes course work)	According to vacancy
2.	M. A.	Two years ( Four Semester)	300
3.	B. A.	Three years	2200

### Faculty Members and their area of Research:

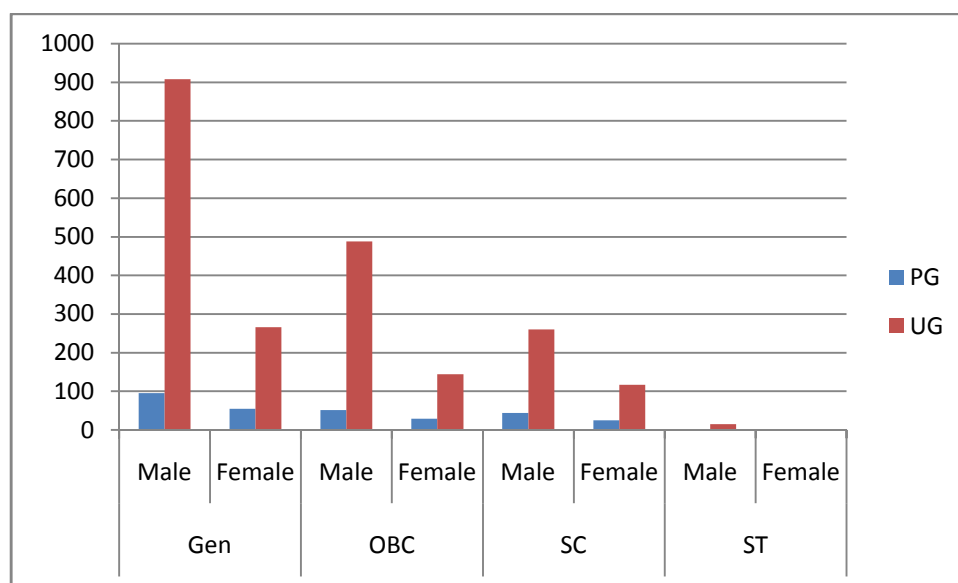
S. No.	Name	Designation	Area of Specialization
1.	Asha Lal	Associate Professor	Western Philosophy & Logic
2.	Debashis Guha	Professor	Ethics, Philosophy of Religion & Social-Political Philosophy
3.	Gauri Chattopadhyaya	Professor	Indian Philosophy & Philosophy of Religion
4.	Gopal Sahu	Associate Professor	Contemporary Epistemology, Philosophy of Mind & Logic
5.	H.S. Upadhyaya	Professor	Modern Western Philosophy & Western Epistemology
6.	Jata Shankar	Professor	Social Philosophy, Ethics & Vedanta
7.	K. Bhima Kumar	Assistant Professor	Indian Philosophy & Social Philosophy
8.	Narendra Singh	Professor & Head	Indian Philosophy & Philosophy of Religion
9.	Rishi Kant Pandey	Professor	Contemporary Western Philosophy, Epistemology & Indian Philosophy
10.	Surya Kant Maharana	Assistant Professor	Vedanta, Phenomenology & Logic

**Support Staff:**

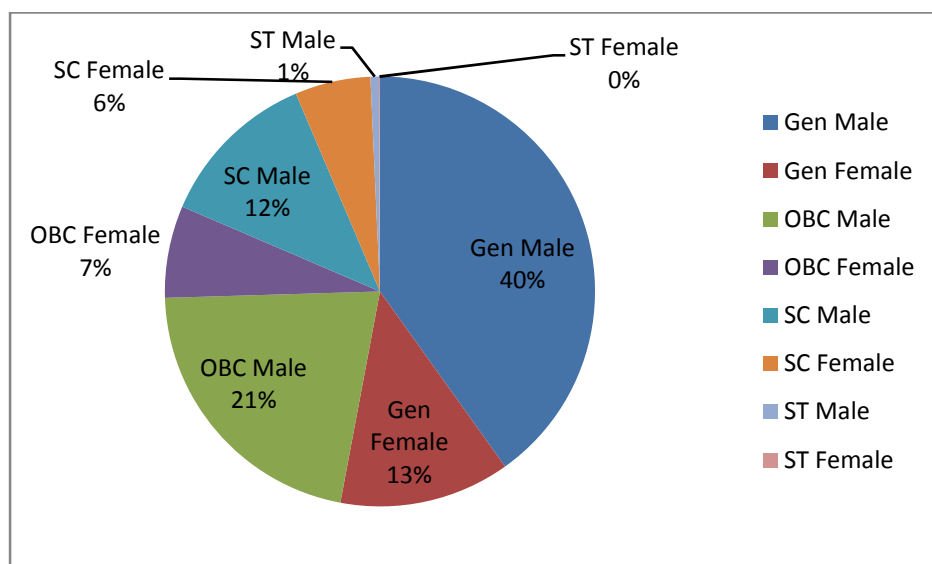
S. No.	Name	Gender	Category	Designation/work
1.	Shri Vipin Chandra Srivastava	Male	Gen	Junior Office Assistant
2.	Shri Navin Chandra Joshi	Male	Gen	Junior Office Assistant
3.	Shri Ravindra Nath	Male	Gen	Peon
4.	Shri Hari Shankar Pandey	Male	Gen	Peon
5.	Shri Rakeeb Ahmad	Male	OBC	Peon
6.	Smt. Maya Devi	Female	SC	Sweeper

**Number of students programme wise with reservation (2015016):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>															
<b>PG</b>	95	55	150	51	29	80	44	25	69	01	00	1	190	110	300
<b>UG</b>	908	266	1174	488	144	632	260	117	377	15	2	17	1671	529	2200
<b>Total</b>	1003	321	1324	539	173	712	304	142	446	16	2	18	1861	639	2500



**Student Enrollment for the Department**



Gender wise distribution of Students

**Seminars/Workshops/Conferences conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented
1.	Value Based Education (Work shop)	1 December 2015	CAS	155	-
2.	Value Studies (Work shop)	17 to 24 December 2015	CAS	145	-
3.	Two Days National Seminar on Contemporary Debate on the Problems of Induction	25-26 February 2016	CAS	175	23

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	On Human Reality	Nov. 11, 2015	ICPR	Prof.Nirmalangshu Mukherji
2.	Global Justice (Special Lecture)	23 & 24,Nov. 2015	CAS	Prof. R.C. Sinha , Patna
3.	Ethical Naturalism	11 February 2016	CAS	Prof. Jagat Pal
4.	Tilak, Gandhi and Mandela	February 17, 2016	CAS	Prof. Rajan Harse
5.	Pramana Mimama	February 29, 2016	CAS	Prof. Hari Ram Mishra
6.	Comparative and Critical Philosophy	2 March 2016	ICPR	Prof. Sharad Deshpandey,Pune

**Journals published by the department:**

S. No.	Title	Nature (National/ International)	Established	Annual/bi-annual /quarterly	ISSN
1.	Sandarshan	National		Annual	0975-0835

**Seminars/Workshops/Conferences/Special Lectures:**

**Jata Shankar**

- Edited 1 Vol. of Samaj Dharma Evam Darshan.

## DEPARTMENT OF POLITICAL SCIENCE

### Introduction:

The Department of Political Science of this University began functioning in 1927, has a glorious past, was headed by eminent historians like Dr. Beni Prasad, Prof. Ishwari Prasad and Dr. Tara Chand and reputed political scientists like Prof. A. B. Lal, and Prof. A. D. Pant.

The Department gained recognition for its academic excellence and remarkable achievements of its students especially in the Civil Service Examinations. Eminent bureaucrats playing a significant role at national and state levels have been students of this department. The department has also produced a large numbers of J.R.F.'s and N.E.T. scholars – clearly establishing the high quality of teaching and research. In fact, it has gained recognition as a leading centre of knowledge and research in north India.

### Thrust Areas:

- To analyse issues and challenges with India's Foreign policy
- Women empowerment and participation in local self government institutions,
- Environmental justice and environmental peace,
- Traditional and non-traditional threats to India's security

### Programme of Study

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil.	5 years (including Course work)	6	
2.	M.A.	2 years	125	South Asian Regional Security, South Asian Political System, Human Rights, India in World Affairs, Political Sociology,
3.	B.A.	3 years	776	--

### Faculty Members and Their Area of Research:

S. No.	Name	Designation	Area of Specialization
1.	Anuradha Agrawal	Professor	Political Sociology; Indian Political Thought and Feminist Theory
2.	D.D. Kaushik	Professor	International Relations; Indian Foreign Policy
3.	H.K. Sharma	Professor and Head	International Relations; Human Rights
4.	Krishna Gupta	Professor	Comparative Politics; Human Rights; Gender Studies
5.	M.F.U. Kazmi	Professor	Western Political Thought; Human Rights; Contemporary Indian Politics; Interface between Politics, Society and Culture; Film Theorist
6.	Mohammad Aslam	Professor	Muslims and Politics in U.P., Indian Political System
7.	Mohammad Shahid	Professor	South Asian Political System; International Politics; Muslim Political Thought; Islamic Diaspora In the World.
8.	Pankaj Kumar	Associate Professor	Indian Political System; Indian Administration
9.	Rajpal Budania	Professor	South Asian regional security, International Relations
10.	V.K. Rai	Professor	Gandhian Thought; Public Policy; Panchayati Raj and Local Self Government; Public Administration.

### Support Staff:

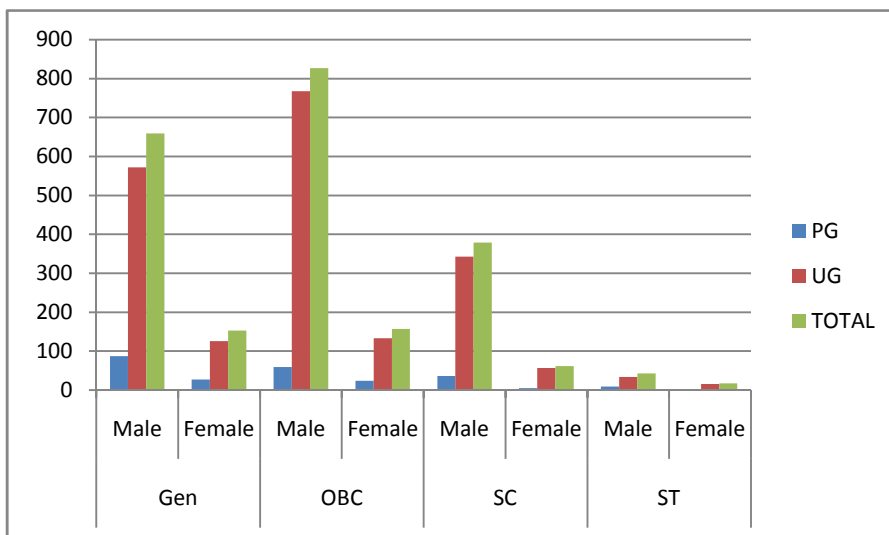
S. No.	Name	Gender	Category	Designation/work
1.	Kartikeya Misra	M	GEN	RA with Lecturer grade
2.	Mr. Jagdish Vishwakarma	M	OBC	Office Assistant



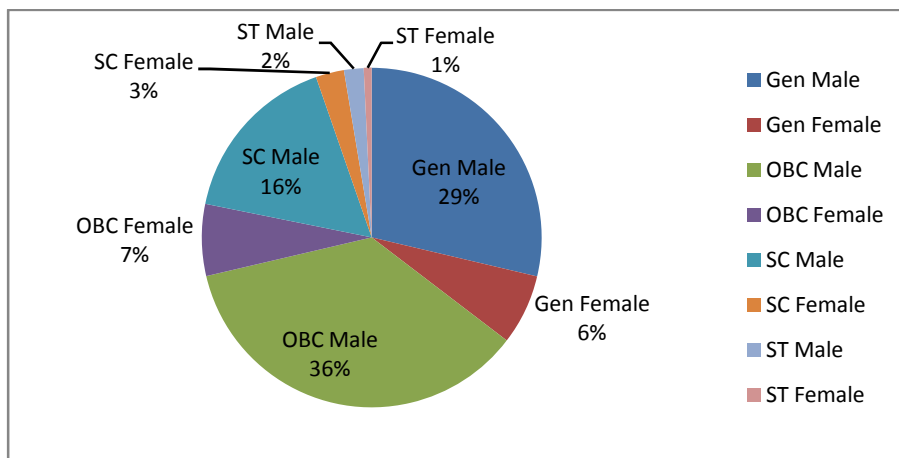
S. No.	Name	Gender	Category	Designation/work
3.	Mr. Santosh Kumar Srivastava	M	GEN	Office Assistant
4.	Mr. Ashok Kumar	M	SC	Peon
5.	Mr. Mohammad Anis	M	OBC	Peon
6.	Mrs. Rajwanti Devi	F	OBC	Peon

**Number of students programme wise with reservation (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>															
<b>PG</b>	87	27	114	59	24	83	36	05	41	09	01	10	<b>191</b>	57	<b>248</b>
<b>UG</b>	572	126	698	768	133	901	343	57	400	34	16	50	<b>1717</b>	332	<b>2049</b>
<b>TOTAL</b>	659	153	812	827	157	984	379	62	441	43	17	60	<b>1908</b>	389	<b>2297</b>



**Student Enrollment for the Department of Political Science**



**Gender wise distribution of Students**

**Training/orientation/refresher courses/special lectures conducted by the Department:**

Sl. No.	Name of the Course	Duration and dates	Funding/Sp onsor	Speakers
1	PDP course	December 1 till present	Self Funding	Prof. Mohammad Shahid Department of Political Science, Dr. Pradip Sharma Center for Globalisation Studies, Prof. R. K. Mishra, Department of Political Science Lucknow University, Lucknow, Prof. Raghu Sinha Retd Professor Psychology, University of Allahabad, Allahabad
2	Lectures under SAP		UGC/SAP	Prof. M.P.Singh, Retd.Professor Department of Political Science, DU , Delhi, Prof. R.K. Mishra, Department of Political Science, Lucknow University, Lucknow
3	Lecture sponsored by MoEA		Ministry of External Affairs, GOI	1.Ambassador S.K.Sharma

**Seminars/Workshops/Conferences/Special Lectures:**

**H. K. Sharma**

- Special Lecture in Nehru Sharda Centre, University of Rajasthan July 2015. Topic – Portion of J.K. with spl. Reference to center state relation, chief Guest.
- Chairperson in a session on 27<sup>th</sup> Nov. 2015 “Conditions for ICT integration. Organized by S.S. Khanna Girls Degree College, Alld.
- Presided over a workshop in the senate Hall of A.U. topic was “Prashasanik Sewaon mein Hindi Bhashi Pratiyogiyon ki Samasyayen wa Samadhan” held on 13 Sep. 2015.
- Chairperson of senior in two day seminar on “Developing a vibrant India : challenges & Issues Organised by HNB P.G. College, Naini, Alld.
- Participated as Resource Person an Sahara News Channel doing shinzo Abes (Japan’s PM) in 2016.
- Chief Guest an 23<sup>rd</sup> Dec. 2015. In a session an “Present Global Scenario of Human Rights and Sarvodaya Philosophy, organized by Deptt. of Pol. Sc., Akbarpur Degree College, Akbarpur, Kanpur Dehat.
- One day special talk on Vivekanand Jayanti an 12 Jan. 2016. Organized and delivered a lecture in the Deptt. of Pol. Sc. University of Allahabad.
- Key-note speaker in SAP Seminar of Philosophy Deptt. A.U., in Jan. 2016. Topic “Role and Impact of Values in International Politics”.
- Presided in a seminar on “Kabir on 2015, organized by R.T.G.D. College (A Constituent college of A.U. Topic was “Secular ion of Kabir”
- Key-note speaker in UPRTOU an 26<sup>th</sup> Nov. 2015, Topic was Role of Dr. Ambedkar in the Making of Indian constitution.
- Key-note speaker in CMP Degree Colleges Alld.On 28 Nov. 2015. Topic was “Kashmir Problem and its Solution”
- Convered and organized under “Distinguished Lecture Series” of MEA, Nev. Delhi special lecture an “Indian Nuclear Enterprise and Diplomacy”
- organized of R.CS. Ops and STC as Director UGC-HRDC, A.U. till 27<sup>th</sup> Feb. 2016.
- Key-note speaker in Agra College, Agra in national seminar an “Emerging India-Issues and challenges” an 4<sup>th</sup> Nov. 2015.
- Other Notable Activities (i.e. convened any conferences/editors of journals published by department etc during 2015-16)
- National Seminar on “State, Marginality and Empowerment” organized by Rajiv Gandhi Chair in Contemporary Studies, University of Allahabad, April 30 & May 01, 2015. Chaired a working session on State, Gender and Empowerment.
- Presented a paper on “Human Right to Peace” at the Second Asian Symposium on “Human Rights Education” Hiroshima, Japan, organized by PRESDA Foundation, 14-1, Oishi Kataba, Kitanagoya Aichi, 481-0002, Japan, August 2-4, 2015
- Delivered a lecture in the UGC Sponsored National Seminar on ‘Gender Justice and Women Issues in South Asia’ in Rajarshi Tandon Mahila Mahavidyalay, on 19 – 20 December, 2015.

- Delivered a lecture on Human Rights in the Orientation Programme organized by UGC, HRDC on 9<sup>th</sup> September 2015.
- Delivered a lecture on Women and Politics organized by Centre of Women Studies in September 2015
- Delivered Inaugural Address at the Refresher Course on Human Rights organized by UGC, HRDC on 28<sup>th</sup> October 2015.
- Delivered a lecture on Women's Rights in the Orientation Programme organized by UGC, HRDC on 23<sup>rd</sup> December 2015.

#### **Rajpal Budania**

- Participated in the Distinguished Lecture Series on "Indian Nuclear Enterprise and Diplomacy," organised by the Department of Political Science, University of Allahabad in collaboration with the Ministry of External Affairs on 2 March 2016.
- Participated in the symposium on "The Changing Dynamics of Social Science Research," organised by University of Allahabad in collaboration with Sage Publications on 7 March 2016.
- Participated in the special lecture on "India's multilateralism in her quest for international peace and security," organised by the Rajiv Gandhi Chair in Contemporary Studies, University of Allahabad, Allahabad, New Delhi, on 15 March 2016.
- Made a presentation on "International Terrorism and World Peace" at the UGC 110<sup>th</sup> Orientation Programme, organised by the UGC-Human Resource Development Centre, University of Allahabad, Allahabad, on 9 June 2015.
- Made a presentation on "India's Counter-Terrorism Approaches" at the UGC 110<sup>th</sup> Orientation Programme, organised by the UGC-Human Resource Development Centre, University of Allahabad, Allahabad, on 9 June 2015.
- Made a presentation on "India's Foreign Policy in the Cotemporary World" at the UGC 111<sup>th</sup> Orientation Programme, organised by the UGC-Human Resource Development Centre, University of Allahabad, Allahabad, on 3 September 2015.
- Made a presentation on "India and Its Neighbourhood" at the UGC 111<sup>th</sup> Orientation Programme, organised by the UGC-Human Resource Development Centre, University of Allahabad, Allahabad, on 3 September 2015.
- Made two presentations on "Environmental Politics" at the UGC 112<sup>th</sup> Orientation Programme, organised by the UGC-Human Resource Development Centre, University of Allahabad, Allahabad, on 16 December 2015.

Made two presentations on "Foreign Policy of India: The Emerging Dimensions " at the UGC 113<sup>th</sup> Orientation Programme, organised by the UGC-Human Resource Development Centre, University of Allahabad, Allahabad, on 12 March 2016.

#### **Anuradha Agarwal**

- Participated in National Seminar on ' Gender Justice & Women's Issues in South Asia organized by RAJARSHI TANDON GIRLS DEGREE COLLEGE on Dec 19-20, 2015 and chaired IInd Session.
- Radio Talk 27-09-2015 on ' India – A tourist Delight'.

#### **Mohammad Shahid**

- Delivered Two Lectures on " Human Rights in the Middle East" on 05-11-2015 at Refresher Course in Human Rights, conducted by UGC-Academic Staff College, University of Allahabad.
- Delivered Two Lectures on " Human Rights in South Asia" on 09-11-2015 at Refresher Course in Human Rights, conducted by UGC-Academic Staff College, University of Allahabad.
- Delivered one lecture on ISIS, Syrian crisis and West Asia at Swaraj Vidyapeeth in front of University of Allahabad on 19-11-2015.
- Delivered Two Lectures on " Human Rights in West Asia" on 30-11-2015 at Orientation Course, conducted by UGC-Academic Staff College, University of Allahabad.
- Delivered One lecture on Research Methodology at PDP course Department of Political Science, University of Allahabad on December 1, 2015.
- Delivered two Lectures on Human Rights, Terrorism & West Asia on 11-12-2015 at Faculty Development Programme organized by UGC-Academic Staff College, University of Allahabad.
- Delivered Keynote Address on Developing a Vibrant India : Challenges and Issues at National Seminar organized by Hemvati Nandan Bahuguna PG College, Naini, Allahabad.

- Delivered Two Lectures on Research Methodology on 24-02-2016 at ICSSR sponsored course at Shakuntala Mishra University for Rehabilitation, Lucknow.

### **Future Projections:**

#### Proposed Courses

1. Implementation of the semester system
2. Implementation of M.Phil. programme
3. Promotion of interdisciplinary courses and research
4. Promotion of research projects
5. Further improving the infrastructure for teaching-learning
6. Creating a Participative Learning Environment

## DEPARTMENT OF PSYCHOLOGY

### Introduction:

The Department of Psychology was established in 1961 with Prof. Durganand Sinha as the first chairperson and two other faculty members. In 1977, the UGC approved it as a Department of Special Assistance (DSA) and the faculty strength was increased to 20. In recognition of its outstanding contributions to the field of Psychology in India, the Department was upgraded as the centre for Advanced Studies (CAS) in 1984 by UGC.

In 1989, the Department started an international journal "Psychology and Developing Societies" in collaboration with the Sage Publications which is now in its 28<sup>th</sup> year. The Department was the first in the University to start D.Phil. programme including pre D.Phil. course work as early as in 1979. Semester system was started in the department in 1989 and later on in 2001. The department has Departmental Library which is recognized as regional resource center.

### Thrust Areas:

The faculty and research scholars conduct research in the following thrust areas:

- Clinical Psychology & Mental Health
- Organizational Behaviour
- Social Psychology
- Cognitive Psychology
- Health Psychology
- Women, Family & Child Development

### Programmes of Study:

S.No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (Including pre D.Phil. course work)	As per vacancy	Same as mentioned in thrust areas.
2.	M. A.	2 years	45	
3.	B. A.	3 years	166 (as enrolled in 2015-16)	

### Faculty Members and their Area of Research

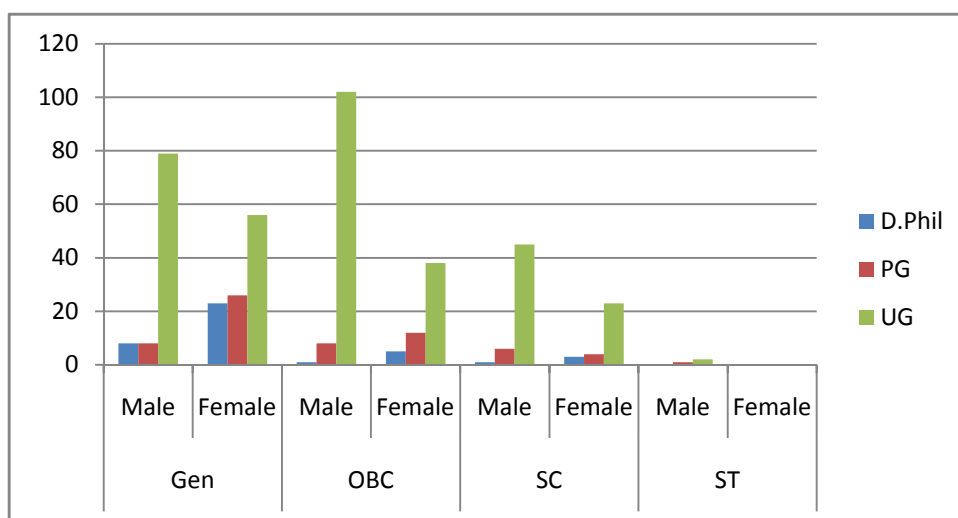
S. No.	Name	Designation	Area of Specialization
1.	Deepa Punetha	Professor	Child Development, Personality, Cross-cultural Psychology
2.	Komilla Thapa	Professor	Clinical & Counseling Psychology
3.	Namita Pandey	Professor	Cognitive Psychology, Health Psychology and Rehabilitation
4.	Neena Kohli	Professor	Health Psychology
5.	Rashmi Kumar	Prof. & Head	Social Psychology, Organizational Behaviour
6.	Ritu Modi	Assistant Professor	Mental Health
7.	Shanti Suman	Assistant Professor	Organizational Psychology, Cognitive Neuropsychology

### Support Staff

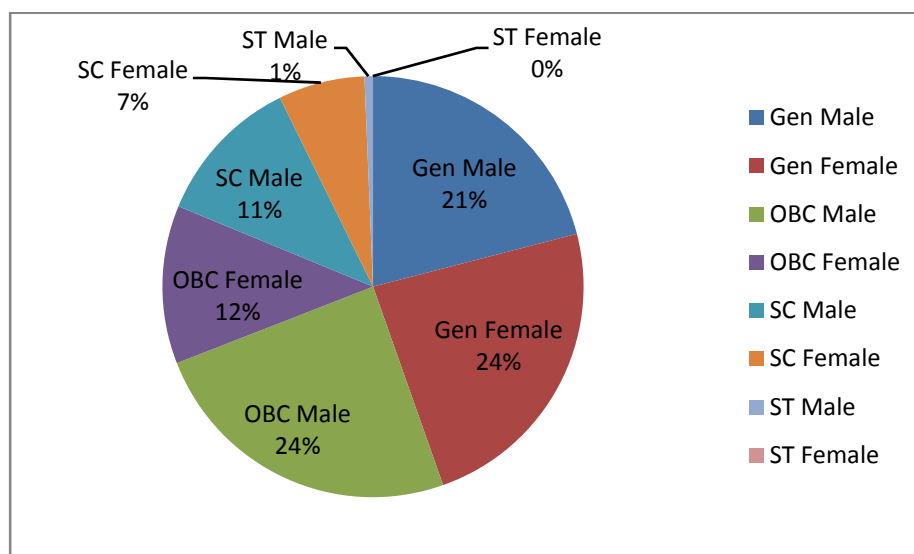
S. No.	Name	Gender	Designation/work
1.	Sri. R. L. Gupta	M	Senior Steno
2.	Sri. Ram Chandra	M	Office Assistant
3.	Sri. V. P. Shukla	M	Sr. Technical Assistant
4.	Sri. Shakti Sharan Shukla	M	Section Officer
5.	Ms. Shahida Haidar	F	Library Assistant
6.	Sri. Deo Narayan	M	Peon
7.	Sri. Raj Kumar	M	Peon
8.	Sri. Hari Ram	M	Lab Attendant
9.	Sri. Bhubneshwar	M	Lab Attendant
10.	Km. Deepmala	F	Peon
11.	Smt. Prema Devi	F	Peon
12.	Sri. Deepak Kumar	M	Peon

**Number of students programme wise with reservation (2015016):**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil	08	23	33	1	5	6	1	3	4	-	-	-	10	31	41
PG	08	26	34	08	12	20	06	04	10	01	-	01	23	42	65
UG	79	56	135	102	38	140	45	23	68	02	-	02	228	117	345
<b>Total</b>	<b>95</b>	<b>105</b>	<b>202</b>	<b>111</b>	<b>55</b>	<b>166</b>	<b>52</b>	<b>30</b>	<b>82</b>	<b>03</b>	<b>-</b>	<b>03</b>	<b>261</b>	<b>192</b>	<b>453</b>



**Student Enrollment for the Department of Psychology**



**Gender wise distribution of Students**

**Events of the Department:**

S. No.	Name of the Seminar/ workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	Conference of National Academy of Psychology (NAOP)	International	Feb. 2 – 5, 2016	ICSSR	450 (Approx.)	250 (Approx.)
2.	Seminar on Clinical and Health Intervention	National	Feb. 3, 2016	ICMR	70 (Approx.)	10
3.	Social Inclusion of the Marginalized	National	Feb. 4, 2016	ICSSR	60 (Approx.)	08
4.	Workshop on SEM	National	Feb. 1 – 2, 2016		24	
5.	Workshop on Bio- psychosocial Perspectives on Living and Conducting Research in a Globalized World	National	Feb. 2, 2016		14	
6.	Workshop on Cognitive Behavioural management for Anger and Stress	National	Feb. 2, 2016		26	

**Special lectures conducted by the Department:**

S. No.	Name of the course	Date	Speakers
1.	Invited Lecture	Feb. 3 , 2016	Prof. Ype H. Poortinga, Tilburg University, Netherlands
2.	Invited Lecture	Feb. 3 , 2016	Prof. Jayanta Lele, Queen’s University, Canada
3.	Invited Lecture	Feb. 4 , 2016	Prof. Ananad Paranjpe, Simon Fraser University, Canada
4.	Invited Lecture	Feb. 4, 2016	Prof. Nandini Chatterjee Singh, NBRC, Manesar
5.	Invited Lecture	Feb. 5, 2016	Prof. Kenneth R. Pugh, Univ. of Connecticut
6.	Invited Lecture	Feb. 5 , 2016	Prof. Polli Hagenaaers, Netherlands Institute of Psychology
7.	Invited Lecture	Feb. 5, 2016	Manas K. Mandal, Director, Life Sciences, DRDO, Delhi

**Books Published during 2015-16 by the Department:**

S. No.	Title	Type	Author(s)	Publication	ISBN
1.	Perspectives on Violence and othering in India	Edited Book	Prof. R. C. Tivari & Prof. Purnima Singh	Springer Publications	978-81-322-2612-3

**Proposed projects/ SAP grants etc.**

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process
1.	DST	Effects of Meditation and Positive Imagery on Depression	36 Months	57,90,000/-	Proposed



DEPARTMENT OF PHYSICAL EDUCATION

**Introduction:**

- Constituted In 1987
- On 14<sup>th</sup> February 2000 faculty appointed in the university
- 1<sup>st</sup> Board of the study of the department-25<sup>th</sup> Feb 2000
- 1<sup>st</sup> course of BPE Batch Started- 2001-02
- MPED Passed from Acedmic Council on 6<sup>th</sup> September 2006.
- 1<sup>st</sup> batch of MPED 2015-16
- CRET for Physical Education by Academic Council in 2015-16

**Thrust Areas:**

- Research on fitness, well being and competitive sports
- Give technical assistance to different college and schools
- To organize Test & Measurement Programme and workshop
- Fit for life Lecture series Programme

**Programme of Study**

S.No.	Programme of Study	Duration	No. of Seats
1.	D. Phil	Max. 5 years (includes course work)	02
2.	M.P.Ed	2 years	40
3.	B.P.E	3 year	32

**Faculty Members and their Area of Reseach**

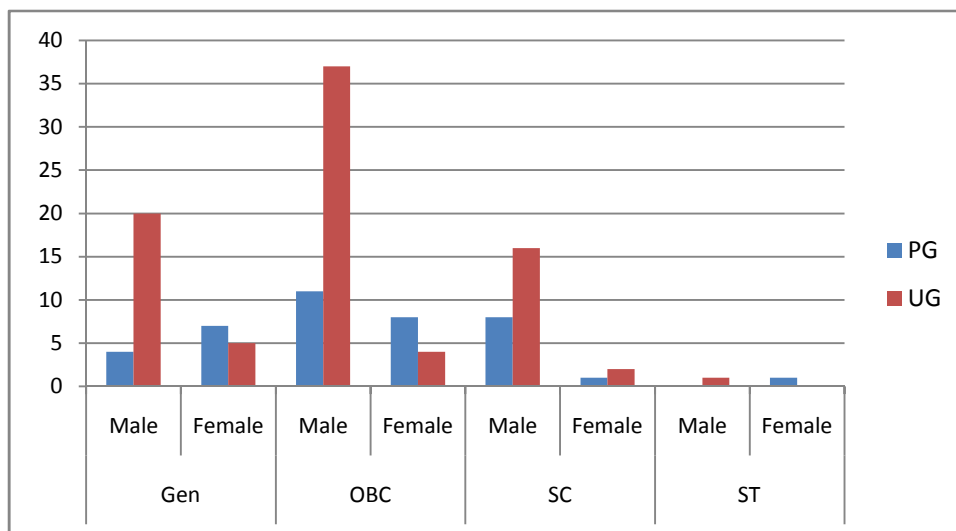
S.No.	Name	Designation	Area of Specialization
1.	Archana Chahal	Professor & Head	Ex. Physiology, Sports Psychology, Basketball
2.	D.C.Lal	Professor	Curriculum Designing, Sports Psychology, Gymnastics

**Support Staff**

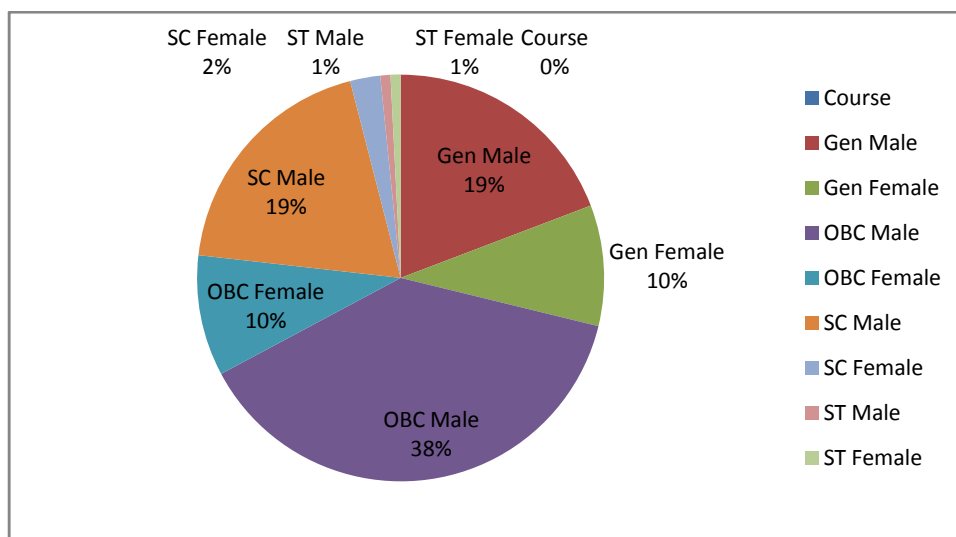
S.No.	Name	Gender	Category	Designation/work
1.	Mr. Jagdish Prasad	Male	SC	Office Assistant
2.	Smt. Anita Devi	Female	SC	Peon
3.	Mr. Gyan Chandra Kushwaha	Male	OBC	Peon- Watermen
4.	Mr. Shaliendra Kumar (working on Contract)	Male	OBC	Store Keeper/ Accounting

**Numberof students programme wise with reservation (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>															
<b>PG</b>	4	7	11	11	8	19	8	1	9	-	1	1	23	17	40
<b>UG</b>	20	5	25	37	4	41	16	2	18	1	-	1	74	11	85
<b>Total</b>	<b>24</b>	<b>12</b>	<b>36</b>	<b>48</b>	<b>12</b>	<b>60</b>	<b>24</b>	<b>3</b>	<b>27</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>97</b>	<b>28</b>	<b>125</b>



Student Enrollment for the Department of Physical Education



Gender wise distribution of Students

Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants
1.	Two days' Workshop on Track & field Marking	-	16.03.2016 To 18.03.2016	No	90

Training/orientation/refresher courses/special lectures conducted by the Department:

S. No.	Name of the course	Dates	Speakers
1.	Special lectures	12.04.2016	Prof. B.C. Kapri
2.	Special lectures	13.04.2016	Prof. B.B.Singh
3.	Special lectures	01.04.2016	Prof G.D.Ghai

**(C) Awards/Honours/Fellowship received:**

- Felicitedas **Guest of Honor** in **National Workshop** on Basics in Research Methodology & Statistical Analysis for Physical Education organized by Department of Physical Education MGKVP & TAPSEYA, Varanasi- Jan 2016

**Seminars/Workshops/Conferences/Special Lectures:**

**Archana Chahal**

- Key Speaker in National Seminar on Women Empowerment for Healthy Nation: Emerging Perspectives and Issues organized by DAV PG College Lucknow and PEFI India- 2016.
- Chair the session and Resource Person in National Conference organized by ITM University, Gwalior- 2016
- Resource Person in Seven days National Workshop on Basics in Research Methodology & Statistical Analysis organized by Department of Physical Education A.K.(P.G.)college, shikohabad (U.P.) & TAPSEYA,- Feb 2016
- Resource Person for Ph D Coursework in Department of Physical Education, MGKVP, 2015-16
- Resource Person in Seven days National Workshop on Basics in Research Methodology & Statistical Analysis for Physical Education organized by Department of Physical Education MGKVP & TAPSEYA, Varanasi- Jan 2016
- Resource Person in Seven days Faculty Development Program organized by UGC-HRDC/ ASC, University of Allahabad-Dec 2015
- Resource Person in Seven days National Workshop on Human Rights organized by UGC-HRDC/ ASC, University of Allahabad–Nov 2015
- Resource Person in Refresher Course on Human Rights (Summer School), organized by UGC-HRDC/ ASC, University of Allahabad- June, 2015
- Special Guest and deliver Keynote lecture on Women Health and Well Being on the occasion of International Women Day organized by Central Organisation for Railway Electrification (RE),March 2015
- Invited for Radio Talk on Role of Sports in Rehabilitation of Retarded and Handicapped held at All India Radio (Akashwani Prasar Bharti)2014 & 2015
- Deliver Presidential Address/Lecture in Swedeshi Jagran Manch, Beniabaag, Varanasi, March 2015
- Invited for Motivational Talk for the Professional Students in Department of Physical Education, MGKVP, Varanasi March 2015.

**Future Projections:**

❖ **Proposed Courses**

- PGDFM
- PG Diploma in Yoga

**Outreach activities:**

- The Department of Physical Education organized “Kho Kho Intramural”, March 19, 2016.
- The Department of Physical Education organized “Promotional Basketball Match” on March 30, 2016.
- Two days’ Workshop on Track & field Marking (16-17 March, 2016)



**Any other information (about the department/ Center):**

S.No.	Level & Participating Students	Game	Venue	Position
<b>All-India Inter-varsity Championship</b>				
1.	Abhijeet Kumar	Gymnastic	Patiala	2 Gold, 1 Silver, 1 Bronze
2..	Neelesh kumar	Gymnastics	Patiala	
3.	Dheeraj pratap singh	Gymnastics	Patiala	
4.	Pooja Verma	Gymnastics/ Yoga	Patiala/ Jindh	
5.	Abhilash Prajapati	Gymnastics	Patiala	
6.	Manu dwivedi	Gymnastics	Patiala	
7.	Sachin Pal	Boxing	Kurukshetra	
8.	Sanjay	Boxing	Kurukshetra	
9.	Prashant Kumar	Athletic	Patiala	
10.	Krishnkant Pandey	Athletic	Patiala	
11.	Arvind Yadav	Yoga	jind	
12.	Devendra Pandey	Yoga	jind	
13.	Saloni	Yoga	jind	
14.	Anand Pratap Singh	Yoga	jind	
15.	Gyanendra	Yoga	jind	
16.	Priya	Yoga/gymnastics	Jandl/Patiyala	
<b>North Zone Inter-varsity Championship</b>				
1.	Aradhana	Handball, Kho-Kho, Hockey	Kurukshetra/ Lucknow	
2.	Shanti Deep	Handball	Jind	
3.	Shubham Pandey	Handball	Jind	
4.	Anjali Chauhan	Handball/yoga	Kurukshetra/ Jind	
5.	Puneet Srivastava	Handball	Jind	
6.	Ruchi Patel	Handball/Kho-Kho	Jind/Rudurapur	
7.	Alka Verma	Handball/ Volleyball	Kurukshetra/ Jindh	
8.	Ankit	Volleyball	Kurukshetra	
9.	Diwakar Raju	Volleyball		
10.	Sapna Pandey	Volleyball	Kurukshetra	
11.	Vivek Kumar	Football		
12.	Alok Kumar Singh	Handball	Jind	
13.	Kunwar Vikas Yadav	Kho-Kho	Noida	
14.	Mukesh	Kho-Kho	Noida	
15.	Anup Yadav	Kho-Kho	Noida	
16.	Sachin Chourisya	Kho-Kho	Noida	
17.	Sheetla Prasad yadav	Kho-Kho	Noida	
18.	Mohd. Qasim (Caption)	Kho-Kho	Noida	
19.	Rajendra Yadav	Kho-Kho	Noida	
20.	Ashok Kumar Yadav	Kho-Kho	Noida	
21.	Harikesh Patel	Kho-Kho	Noida	
22.	Rahul Yadav	Kho-Kho	Noida	
23.	Priyanka	Kho-Kho/ Handball	Noida/ Kurukshetra	
24.	Surabhi Yadav	Kho-Kho/ Hockey/Yoga	Noida/ Lucknow/Jind	
25.	Richa Pandey	Kho-Kho/ Handball/ Hockey	Noida/ Kurukshetra/ Luckow	
26.	Abhivav Bajpayi	Hockey	New Delhi	
27.	Chandra Prakash	Hockey	New Delhi	

S.No.	Level & Participating Students	Game	Venue	Position
28.	Parvendra S.Yadav	Hockey	New Delhi	
29.	Sushila Yadav	Hockey	Lucknow	
30.	Sudhanshu	Hockey	New Delhi	
31.	Suman Kushawaha	Hockey	Lucknow	
32.	Suraj Kumar	Hockey	New Delhi	
33.	Aditya Srivastva	Badminton	Rohtak	
34.	Hina Mishra	Badminton & Handball	Rohtak/Jind	
35.	Arun	Swimming & Rowing	Chandigarh/Haridwar	
36.	Hari Govind Nishad	Swimming & Rowing	Chandigarh//Haridwar	
37.	Dinesh Kumar	Kabbadi	Sirhind	
38.	Kunj Biharee Yadav	Kabbadi	Sirhind	
39.	Ashish Kumar	Kabbadi	Sirhind	
40.	Yogendra	Kabbadi	Sirhind	
41.	Danny Ekka	Basketball	Sirhind	
42.	Suchita	Basketball	New Delhi	
43.	Shubham ku. Chandra	Basketball	New Delhi	
44.	Beer Pratap Singh	Basketball/Volleyball/ Handball	New Delhi	
45.	Aishwerya Shukla	Handball/ Basketball/ Yoga	Jind/ New Delhi/jind	
46.	Shabab Alam	Badminton	Rohtak	
47.	Mohammad Noor	Boxing	Kurukshetra	
48.	Amit Khushwa	Cricket	Aligarh	
49.	Avishek Singh	Cricket	Aligarh	
50.	Ankit Kumar Chaubey	Handball/ Yoga	Jind/Jind	
	<b>State Championships</b>			
<b>1.</b>	Vaibhav sharma	Cricket		
<b>2.</b>	Arvind Yadav	Handball	Amethi	Bronze
<b>3.</b>	Beer Pratap Singh	Basketball/		Gold

## DEPARTMENT OF SANSKRIT, PALI, PRAKRIT AND ORIENTAL LANGUAGES

### Introduction:

The department started as Oriental department in 1872 as a unit of Muir Central Collage, Allahabad (under the auspices of Calcutta University) with Prof. Aditya Ram Bhattacharya as Head of Department. When Allahabad University was established in 1887 under Central Act, in 1923 the faculties and departments of university were reorganized and our department was given the name– **Department of Sanskrit, Pali, Prakrit and oriental languages** under the faculty of Arts. There is no structural change since then.

The department has great honour to have been associated with the name and fame of great teachers and scholars of this department. Some of them are Pt Ganga Nath Jha, Prof. P. K. Acharya, Prof Babu Ram Saxena, Pt. K. C. Chattopadhyaya, Prof. Saraswati Prasad Chaturvedi, Prof. Adya Prasad Mishra, Prof. Suresh Chandra Srivastava, Prof. Suresh Chandra Pande and many others.

### Distinguishing features

#### (a) Recipients of Certificate of Honour of the President of India

1. Prof. Chandrika Prasad Shukla
2. Prof. Adya Prasad Mishra
3. Prof. Suresh Chandra Pande
4. Prof. Rajendra Prasad Mishra ( Ex. Teacher and student of department)
5. Prof. Hari Dutt Sharma

#### (b) Prestigious Awards-

1. Prof. Adya Prasad Mishra awarded with **Vishwa Bharti Puraskar** of U.P. Sanskrit Sansthan in 2014.
2. Prof. Rajendra Peasad Mishra has been awarded with **Vishwa Bharti Puraskar** of U.P. Sanskrit Sansthan in 2016.

#### (c) Valimiki Puskar to

Prof. Adya Parasad Mishra and Prof. Rajendra Peasad Mishra.

#### (d) Sahitya Academi Award in sanskrit-

Prof. Rajendra Peasad Mishra and Prof. Hari Dutt Sharma.

#### (e) Padma Shree-

Prestigious Padma Shree Alankaran was received by Prof. Adya Prasad Mishra.

### Faculty Members and their Area of Reseach

S. No.	Name	Designation	Area of Specialization
1.	Kaushl Kishor Srivastava	Professor	
2.	Ram Sewak Dubey	Professor	
3.	Shankar Dayal Dwivedi	Professor & Head	
4.	Suchitra Mitra		Sanskrit Veda, Ancient Iranian, and Pahalavi
5.	Umakant Yadav	Professor	Indian Philosophy and Linguistics

### Seminars/Workshops conducted by the Department:

- Seven days workshop was successfully jointly organized by Pt. Ganga Nath Jha Peeth and Sanskrit department on the topic **“Life and works of Pt. Ganga Nath Jha”**.
- Three days International Seminar held on 16.02.2016 to 18.02.2016 on the topic एकं सद् विप्रा बहुधा वदन्ति The main attraction of the seminar was a session where scholars of Hinduism, Islam, Christianity, Buddhism,

Jainism gave their discourses and clarified that there is no difference of opinion among main teachings of various religions.

The same truth is revealed in different words



Felicitation of Prof. Rajendra Mishra and Prof. Hari Dutt Sharma by the Hon'ble Vice Chancellor Prof. R.L. Hangloo. On 11.04.2016

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Dates
1.	13 <sup>th</sup> Refresher Programme in Sanskrit has been Successfully conducted during	02.12.2015 to 22.12.20015.

**(C) Awards/Honours/Fellowship received:**

Prof. Rajendra Mishra received Vishva Bharti Purskar and Prof. Hari Dutt Sharma received certificate of honours of president of India



## DEPARTMENT OF SOCIOLOGY

### Introduction:

The department of Sociology started in June 2010. The main research thrusts of department are: Agrarian studies, Development studies, social movements, subaltern studies and Sociology of Health and illness. So far, the Department has organized one symposium, one national seminar; one UGC sponsored Refresher Program, one workshop and two consultancy programme.

In the M.A. I semester, the students do conduct field studies individually in their place of residence relating to religious ceremonies and analyses the data in order to write reports. M.A. III semester students conduct library exercise to understand the issues of modernization and development of India in a comparative framework with selected African nations from secondary resources. Field study was conducted by the M.A. II and IV semester class members in the villages near Bhai Haranath Dham, located on the border of Allahabad and Pratapgarh district in the month of March 2015, and also kalyanpur village studied intensively by the Census people in 1960's in 2014, in order to comprehend the socio-organization of production and the Health related issues. All the faculty members are involved in inculcating the skills to the Post-graduate class member in matters preparing interview schedules, collecting data from the villagers, preparation of coding manuals, entry of coded data, analysis of the data through SPSS and finally writing small reports.

The department has following academic programmes:

- Doctoral Program (D.Phil. in Sociology)
- The M.A. Programme (Semester System)

### Thrust Areas:

Rural Studies, Health studies, subaltern studies, Development studies

### Programme of Study

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D.Phil	Max. 5 years (includes course work)	4	–
2.	M.A.	2 years	34	Rural Studies, Development studies, Population Studies

### Faculty Members and their Area of Reseach

S. No.	Name	Designation	Area of Specialization
1.	A. Satyanarayana	Professor	Present Movement, Sociological Theories, Sociology of Development & Change Intergenerational Relations
2.	Ashish Saxena	Professor & Head	Subaltern Studies; Agrarian Studies; Development Studies
3.	Muneer Illath	Assistant Professor	Sociology of religion, Migration Studies, Development studies, Health Studies, Sociology of Gender
4.	Subahsis Sahoo	Assistant Professor	Sociology of Science and Technology; Social Movements; Sociology of Development

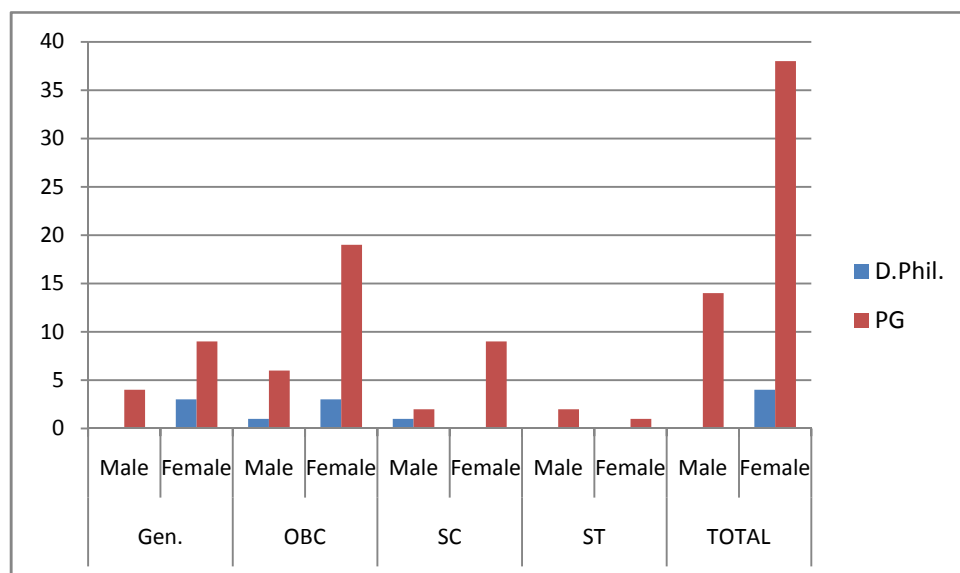
### Support Staff

S. No.	Name	Gender	Category	Designation/work
1.	Mr. Vinay Prakash Singh	M	Gen.	RGC
2.	Mr. Vinod Kumar kashyap	M	OBC	Peon
3.	Mr. Shiv Shankar Maurya	M	OBC	“
4.	Mr. Ajay Kumar	M	SC	“

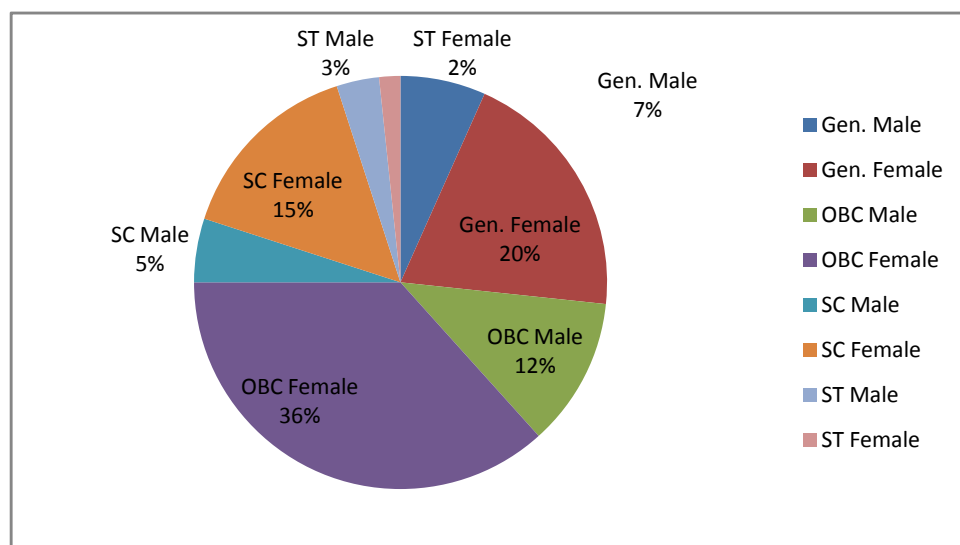


Number of students programme wise with reservation (2015016):

Course	Gen.			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil.	--	03	03	01	03	04	01	--	01	--	---	---	----	04	04
PG	04	09	13	06	19	25	02	09	11	02	01	03	14	38	52



Student Enrollment for the Department of Sociology



Gender wise distribution of Students

**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/ workshop/conference	National / International	Dates	Sponsor	Speakers
1.	Role of Educational institution in U.P. in impacting Health concerns of women and children	National	28 July, 2015	U.G.C Unassigned Grant	The invited speaker was Mr. D.D. Pandey, NIPCD, Lucknow

**Seminars/Workshops/Conferences/Special Lectures:**

**A. Satyanarayana:**

- Organized and attended the one-day workshop on – ‘Role of Educational Institutions in U.P. in Impacting Health Concerns of Women and Children’ on 28th July, 2015.
- Attended National Seminar by Ethnographic and Folk Culture Society at Department of Sociology, Lucknow University on 20th – 22nd March 2015”.
- Organized and attended National Seminar on ‘State, Marginality and Empowerment’ organized by Rajiv Gandhi Chair in Contemporary Studies, University of Allahabad on April 30th – 1st May 2015.
- Resource person for ICSSR Workshop on “Research Methodology in Social Sciences” at H.S Gaur Vishvidalaya, Sagar, 2015.
- Resource person for ICSSR Workshop on “Research Methodology in Social Sciences” at Lucknow University, 2015.
- Resource person and Advisory committee for ASC, DDU University, Gorakhpur, 2015.
- Attended National Seminar and resource person for the seminar organized by M.G. Kashi Vidyapeeth, Varanasi, 2015.
- Resource person for Education department at S.S. Khanna College, Allahabad, 2015.
- Resource person for at Hamidia girls degree college, Allahabad, 2015.
- Resource person for Workshop on “Research Methodology in Social Sciences” organized by Centre for Study of Social Exclusion and Inclusive Policy, BHU, Varanasi, 28th January, 2016.
- Attended National Seminar on ‘Ambedkar and Modernity in Global era’ organized by CSSS, JNU, New Delhi on 17 – 18<sup>th</sup> March, 2016

**Ashish Saxena:**

- Organized and attended the one-day workshop on – ‘Role of Educational Institutions in U.P. in Impacting Health Concerns of Women and Children’ on 28th July, 2015.
- Attended National Seminar by Ethnographic and Folk Culture Society at Department of Sociology, Lucknow University on 20th – 22nd March 2015 and presented paper in symposium on “Culture and Development among Gujjar Community in Global Era: A Subaltern Narrative of the Semi-Nomadic Tribes in Jammu and Kashmir State”.
- Attended National Seminar on ‘State, Marginality and Empowerment’ organized by Rajiv Gandhi Chair in Contemporary Studies, University of Allahabad on April 30th – 1st May 2015 and presented paper entitled: “Elementary education and the marginalized in the J&K state: The critique of implementation of SSA in Jammu state”.
- Attended National Symposium on ‘Transformations and Transitions of the Rural in India: Mapping Trajectories, Analysing Challenges and Possibilities’ organized by G.B. Pant Social Science Institute, Jhusi, Allahabad on 18<sup>th</sup> – 20<sup>th</sup> December, 2015 and presented a paper on ‘*Economic reforms and the Concerns for Marginals: Opportunities and Challenges from rural India*’.
- Attended National Seminar on ‘Globalization, Media and Culture: Issues and Perspectives’ organized by Department of Sociology, DDU University, Gorakhpur on 29<sup>th</sup> - 30<sup>th</sup> February 2016 and presented a paper on ‘*Media, Globalization and the Transnationalism of Dalit identity*’.
- Attended National Seminar on ‘Social ecology and environment movement’ organized by Department of Sociology, Lucknow University on October 13th – 14th 2015 and presented paper entitled: “Religiosity, environmental movement and green pilgrimage: an analysis of kumbh mela at prayag”.
- Attended National Seminar organized by Sulabh International Centre for Action Sociology, New Delhi on 19<sup>h</sup> -20<sup>th</sup> November, 2015 and presented paper titled Debating implications of sanitation transformation in global era: a critical analysis of sanitation status in India”.

- Resource Person for Refresher Course on ‘Disaster and Risk Management’ organized by Academic Staff College, University of Allahabad, 18th January, 2016 and delivered lecture on ‘Disaster management and Rehabilitation Policies: A Sociological Appraisal’
- Resource person for Workshop on “Research Methodology in Social Sciences” organized by Centre for Study of Social Exclusion and Inclusive Policy, BHU, Varanasi, 28th January, 2016.
- Resource person for Refresher Course on “Teachers Education in India’ organized by Dept. of Education, University of Allahabad, 5-7th February, 2016 and delivered on Sociological aspects of Globalization and Marginalized sections.
- Resource person and ICSSR observer for the Capacity Building Programme for MGKVP, Varanasi, 17-18, Feb. 2016.
- Attended National Seminar on ‘Ambedkar and Modernity in Global era’ organized by CSSS, JNU, New Delhi on 17 – 18<sup>th</sup> March, 2016 and presented a paper on ‘Locating Modernity in the works of Ambedkar’.
- Attended National Seminar on ‘Most Marginalized in the Global era’ organized by G.B. Pant Social Science Institute, Jhusi, Allahabad on 24-25<sup>th</sup> March, 2016 and presented a paper on ‘State initiatives and Dalits in Jammu region’.

**Muneer Illath:**

- Organized and attended the one-day workshop on – ‘Role of Educational Institutions in U.P. in Impacting Health Concerns of Women and Children’ on 28th July, 2015.
- Attended International conference on ‘Diaspora and transnationalism’ organized by India international centre, New Delhi on February 20-21, 2016 and presented paper on Gulf migration in Kerala.

**Subhasis Sahoo:**

- Attended the one-day workshop on – ‘Role of Educational Institutions in U.P. in Impacting Health Concerns of Women and Children’ on 28th July, 2015.
- Attended All India Sociological Conference at KIIT, Bhubaneswar on 27-29<sup>th</sup> December, 2015 and presented paper on the issue of Ethics, Science and Technology’.

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	Balshram Unmoolan Janpad Samiti, Aild.	Child Labour Survey in Allahabad district	150000/-
2.	ICSSR	State initiatives, changing agranam society and the backward castes : A study of social mobility among Dalit of rural eastern UP	7,00,000.00

**Other publications (books etc.):**

S. No.	Title	Author(s)	Publication	ISBN
1.	Sociology of Sanitation: Themes and Perspectives’	Saxena Ashish	Kalpaz Publisher (unit of Gyan Publication) on behalf of Sulabh International Centre for Action Sociology, New Delhi (2014-15)	ISBN 978-93-5128-145-0
2.	‘Minority Policies in India: A Post Sachar Committee Report’	Munir Illath	Kamlesh Gupta ed. State and Public Policies in India New Delhi: Pentagon Publications	

DEPARTMENT OF URDU

**Introduction:**

Department of Urdu, University of Allahabad, is the oldest Department of Urdu Language and literature in India which was established in the year 1924. Prof. Jamin Ali was the first Head of this department. Some of the notable figures belonging to this department include Prof. Ejaz Hussain, Prof. Ethtesham Husain, Prof. Gyan Chand Jain and Prof. S. M. Aquil. Balwant Singh, Razia Sajjad Zaheer, Shamim Hnfi, Tuzail Jafari are some of our alumni who were prominent writers of their time.

Department has a long cultural and Academic history. Present head of the department, Prof. Ali Ahmad Fatmi is considered to be one of the eminent scholars of Urdu throughout the world and he is leading progressive writer of our time.

**Thrust Areas:**

- Cultural Poetry
- Urdu Drama
- Tahjeeb-o-Tanqeed
- Urdu Fiction

**Programmes of Study:**

S. No.	Programme of Study	Duration	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)	Above said thrust areas
2.	M. A.	2 years (Four Semesters)	
3.	B. A.	3 Years	
4.	Diploma Courses	2 years	

**Faculty Members and their area of Research:**

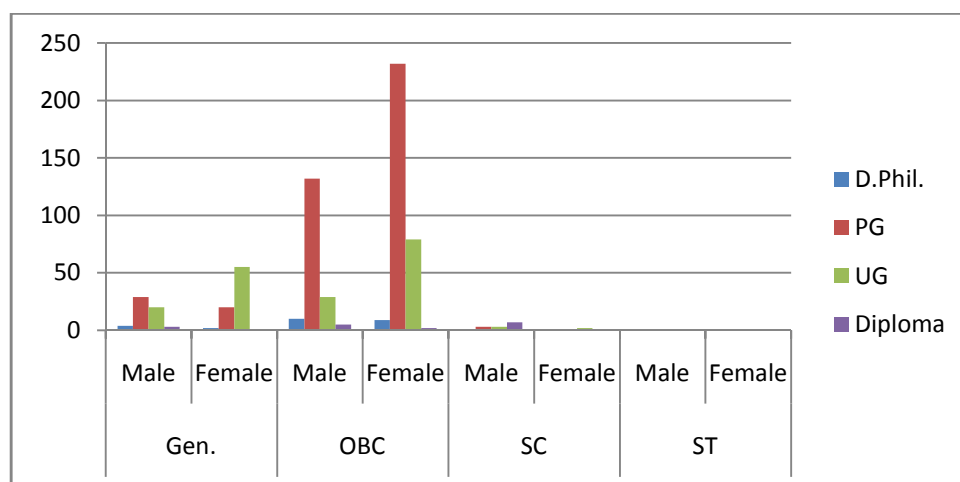
S. No.	Name	Designation	Area of Specialization
1.	Ali Ahmad Fatmi	Professor & Head	Urdu Fiction
2.	Mohammad Kashid	Assistant Professor	Urdu Drama
3.	Naushaba Sardar	Professor	Criticism and Qaseeda
4.	Rizawana Shamshi	Assistant Professor	Urdu Fiction
5.	Sanjay Kumar	Assistant Professor	Urdu Poetry and Nazm
6.	Shabnam Hameed	Professor	Urdu Drama and Poetry
7.	Z. Ansari	Assistant Professor	Urdu Mashavi

**Support Staff:**

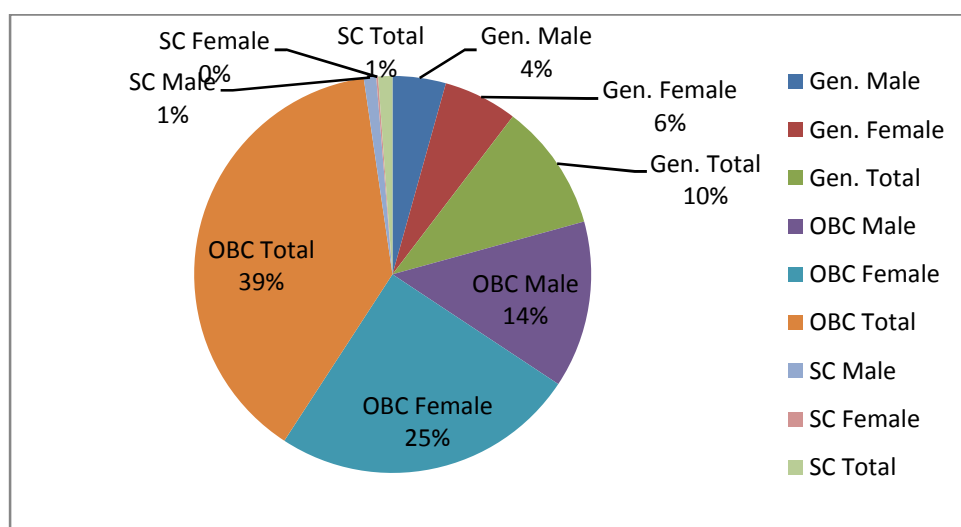
S. No.	Name	Gender	Category	Designation/work
1.	Mr. Ram Narayan Mishra	M	Gen	Office Assistant
2.	Ms. Haseena Begum	F	Gen	Multi-tasking staff
3.	Mrs. Raushan Ara	F	OBC	Peon
4.	Mr. Munna Lal	M	OBC	Peon

Details of Students programme wise and category wise(2015-16):

Course	Gen.			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D.Phil.</b>	4	2	<b>6</b>	10	9	<b>19</b>	0	0	<b>0</b>	0	0	<b>0</b>	14	11	<b>25</b>
<b>PG</b>	29	20	49	132	232	364	3	0	3	0	0	0	164	252	416
<b>UG</b>	20	55	75	29	79	108	3	2	5	0	0	0	52	136	188
<b>Diploma</b>	3	1	4	5	2	7	7	0	7	0	0	0	15	3	18
<b>Total</b>	<b>56</b>	<b>78</b>	<b>134</b>	<b>176</b>	<b>322</b>	<b>498</b>	<b>13</b>	<b>2</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>245</b>	<b>402</b>	<b>647</b>



Student Enrollment for the Department of Urdu



Gender wise distribution of Students

**Seminars/Workshops/Conferences conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	Nationl Seminar	National	3 Days 27-29 Jan, 2016	-	-	-
2.	Mirza Ghalib Seminar	National	One Day 18 Feb, 2016	-	-	-
3.	Ismat Chughtai Memorial Seminar	National	2 Days, 02-03 Mar., 2016	-	-	-

**Events of the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	National Seminar	National	3 Days 27-29 Jan, 2016			
2.	Mirza Ghalib Seminar	National	One Day 18 Feb, 2016			
3.	Ismat Chughtai Memorial Seminar	National	2 Days, 02-03 Mar., 2016			

**Seminars/Workshops/Conferences/Special Lectures:**

**Rizwana Shamsi**

- Actively participate in workshop on Research methodology 27 TO 29 Feb 2016 Department of Urdu, University of Allahabad.
- Likhit Dastawez Aaw Pustakalley Samagri ki surakshatamak sanrakshad 28 to 30 July 2015 by Intac Sarkit House Allahabad.
- Completed UGC Sponsored orientation programme 27 Nov to 24 Dec 2015 University of Allahabad
- M.Phil. Dissertation published on the topic “le saansbhiAahistakaTanqeediMutaala “by Rizwana Shamshi 2015,ISBN No -978-93-507-654-8 published by educational publication house Delhi
- Presented paper entitled”Ismat Chughtai ke afsanomeinNiswaniKirdar” on March 02-03 2016 Department of Urdu, University of Allahabad.

## DEPARTMENT OF VISUAL ARTS

### Introduction:

The Department of Visual Arts was established in the year 1942 for the study of Painting. Kala Guru K. N. Majumdar, who had enriched the study of Bengal School of Painting, was founder of the Department. Besides Kala Guru K. N. Majumdar, Mr. D. P. Dulia, Mr. S. N. Mishra & Mrs. Bimla Niogi were the teachers of Painting, Applied Arts and Craft. The Department of Visual Arts is an important department in the University; It's board spectrum of ideas and practice is formed by many and varied approaches of the Arts. Each faculty member contributes to the variety of ideas and expertise in the subject.

Painting courses introduce the concepts and material of Art, Art history and further students understanding of space, image and colour etc. Visual Arts courses develop awareness of Applied Art, Sculpture, and Painting as the basic organizer of thought, feelings and image making. A range of materials, forms and traditions - both representational and non-representational - are explored. The courses investigate the relationship between painting and other form of Art. A variety of specific courses are taught by our department which consists experts in colour, space, anatomy, landscape, composition, still life, water colour, sculpture, photography etc. BFA course in painting and Techniques investigate the properties and possibilities of traditional and modern media.

### Thrust Areas:

- Artistic features of calligraphy and its impact on India Arts
- Work on graphic art and their Artists
- Philosophical and intellectual aspects of painting.
- India Primitive Places
- Contemporary Arts and Artist
- Comparative study of Rajasthani and Pahari Miniature
- Traditional and folk Art.
- Traditional and Modern Arts.

### Programme of Study

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	04	Visual Arts
2.	M. A MFA	2 years 2 years	31 6	Painting
3.	B. A. BFA	3 years 4 years	30 61	Not Required
4.	Diploma Courses	2 years	20	Art and Craft

### Faculty Members and their Area of Reseach:

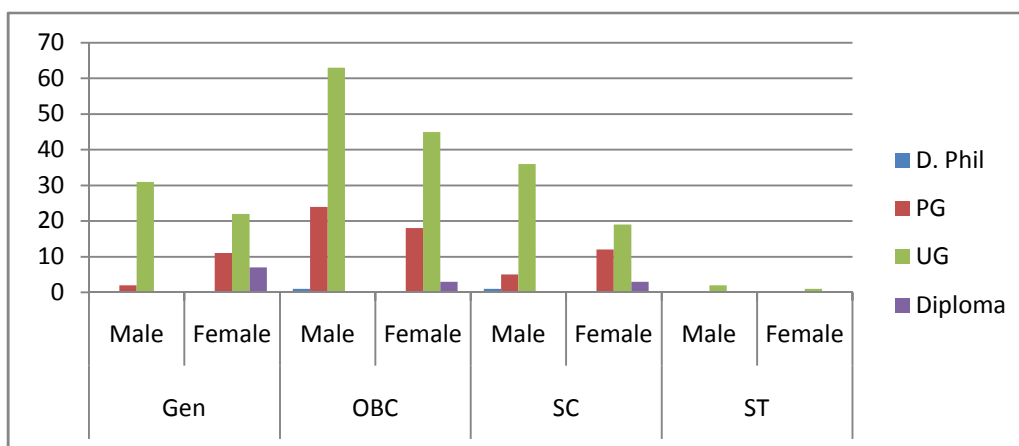
S. No.	Name	Designation	Area of Specialization
1.	Abhinav Gupta	Assistant Professor	Abhinav Gupta
2.	Ajay Kumar Jaitly	Professor	Ajay Kumar Jaitly
3.	Manju Agarwal	Assistant Professor	Manju Agarwal

### Support Staff:

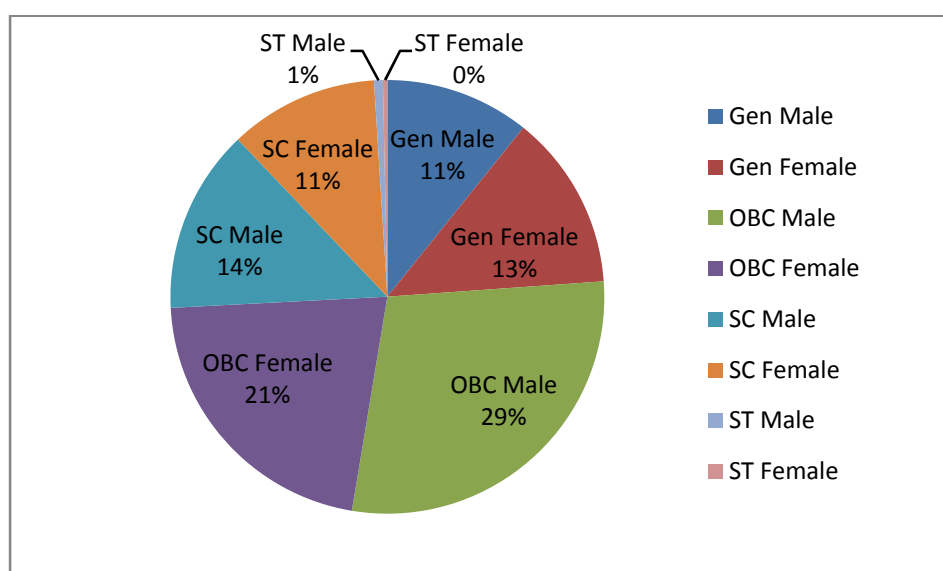
S. No.	Name	Gender	Category	Designation/work
1.	Roshan lal	Male	OBC	Clerk
2.	Kailash yadav	Male	OBC	Peon
3.	Badama	Female	OBC	Peon

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	0	0	0	1	0	0	1	0	0	0	0	0	2	0	2
<b>M.A.</b>	0	8	8	19	17	36	4	12	16	0	0	0	23	37	60
<b>MFA</b>	2	3	5	5	1	6	1	0	0	0	0	0	8	4	12
<b>BA</b>	1	2	3	5	8	13	5	0	5	0	0	0	11	10	21
<b>BFA</b>	30	20	50	58	37	95	31	19	50	2	1	3	121	77	198
<b>Diploma</b>	0	7	7	0	3	3	0	3	3	0	0	0	0	13	13
<b>Total</b>	33	40	73	88	66	153	42	34	76	2	1	3	165	141	306



**Student Enrollment for the Department of Visual Arts**



**Gender wise distribution of Students**



**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/ workshop/conference	National / International	Dates
1.	Mural Work shop	National	May to June 2015
2.	Exhibitions	National	3days: 9-11, March 2016
3.	Summer Workshop	National	June to July

**Seminars/Workshops/Conferences attended:**

S. No.	Name of the Seminar/ workshop/conference	Dates	Sponsor
1.	Mural workshop at Bank Road	May to June 2015	ADA & Visual Arts Dept, AU
2.	Artist Camp to homage APJ Abdul Kalam	August 2015	visual Arts ,AU
3.	Summer Workshop	June to July 2015	Visual Arts , AU and state Lalit Kala Akademi
4.	Birth Anniversary of Kala Guru K. N. Majumdar, who had enriched the study of Bengal School of Painting, was celebrated as a founder Day of the Department each year on 31 July 2015		
5.	Sardar Vallabhbhai Patel 139 Birth Anniversary AU	Oct 2015	
6.	Group exhibition Imprints of mind	23 Dec, 2015	Visual Arts, AU
7.	"Art Exhibition"	9-11 March 2016	Visual Arts, AU

**Awards/Honours/Fellowship received:**

- Rajneesh Verma, BFA IV,
- Selected in 29, National Exhibition, NCZCC Nagpur, Maharashtra, 2016
- selected in 57, National Exhibition, Lalit Kala Academy, 2016
- Reetu Singh, BFA III,
- selected in 57, National Exhibition, Lalit Kala Academy, 2016 .
- Utkarsh Jaiswal BFA III
- Recently got All India Award in Graphics Section organized by All INDIA ART EXHIBITION, Department of Language and Culture, State Museum, Shimla, Himanchal Pradesh.
- Javedan Raza, JRF, SRF, NET, from UGC
- Ranjeeta Maurya JRF, SRF, NET, from UGC
- Deelip Kumar Patel, JRF NET, from UGC

**Outreach activities: (Photographs)**



Art Exhibition: organised by Central Cultural Committee and Department of Visual Arts



**Rangoli Competition: organised by Department of Visual Arts**

## FACULTY OF COMMERCE

### DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

#### Introduction:

The Department was set up in 1924 with the introduction of UG/PG teaching in Commerce. The Management wing was added in 1965 with the setting up of Motilal Nehru Institute of Research and Business Administration and the launching of PG programme leading to the award of Master's degree in Business Administration. In fact the Department was the first among the Indian University departments to take a lead in starting formal education in Management. The Department also had a Master's Programme in Business Statistics and a Diploma Programme in Business Administration which had to be abandoned later on for operational reasons.

During the year the academic calendar was strictly observed and the admissions, teaching, and examinations for various classes were held on time.

#### Thrust Areas:

- Finance & Accounting
- Marketing
- Human Resource Management
- Information Technology

#### Programme of Study:

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	B. Com.	3 years	578	N.A.
2.	M. Com.	2 years	270	International Finance; Human Resource Policy & Practices; Advertising & Media Planning
3.	M.B.A.	2 years	46	Marketing; Finance; Human Resource; Systems.
4.	D. Phil	Max. 5 years (includes course work)	104	All areas of Commerce and Management

#### Faculty Members and their Area of Reseach:

S. No.	Name	Designation	Area of Specialization
1.	A. K. Mukherjee	Professor	Organisational Behaviour and Financial Accounting
2.	A.K. Malviya	Professor	Marketing Mgt. and Tourism
3.	Ajai Kumar Singhal	Professor	Taxation and HRM
4.	Anil Srivastava	Professor	Strategic and General Management
5.	Anvita Raghuvanshi	Assistant Professor	Finance & Accounting
6.	Archana Singh	Assistant Professor	Finance & Accounting
7.	Arun Kumar	Professor	ICT, Oranisationl Behaviour and Quality Mgt. System
8.	Ekta Verma	Assistant Professor	Marketing, HRM & Business Communication
9.	Hariom Gupta	Assistant Professor	Finance
10.	Himanshu Srivastava	Assistant Professor	Financial Services and Law
11.	J. N. Bhargava	Professor & Head	Marketing., MIS, Operations, Strategic Mgt.
12.	J. N. Mishra	Professor	Indian Economy, Business Environment and HRM
13.	Jitendra Kumar Singh	Assistant Professor	IT & Operations Research
14.	M. Motihar	Professor	Insurance and Marketing Research
15.	Pradeep Jain	Professor	Legal Environment and Marketing Mgt.
16.	R. K. Singh	Associate Professor	Finance, Accounts and Business Ethics

## UNIVERSITY OF ALLAHABAD

S. No.	Name	Designation	Area of Specialization
17.	R. S. Singh	Professor	HRM
18.	Ramendu Roy	Professor	Entrepreneurship and Accounting
19.	S. A. Ansari	Professor	Finance and Accounting
20.	S. M. Z. Khurshid	Associate Professor	Marketing; HRM; Advertising & Media Planning
21.	Sarita Maxwell	Assistant Professor	Marketing & HRM
22.	Shefali Nandan	Assistant Professor	HRM, OB, Industrial Relations
23.	Surendra Kumar	Assistant Professor	Finance & Accounting

### Details of Research Staff:

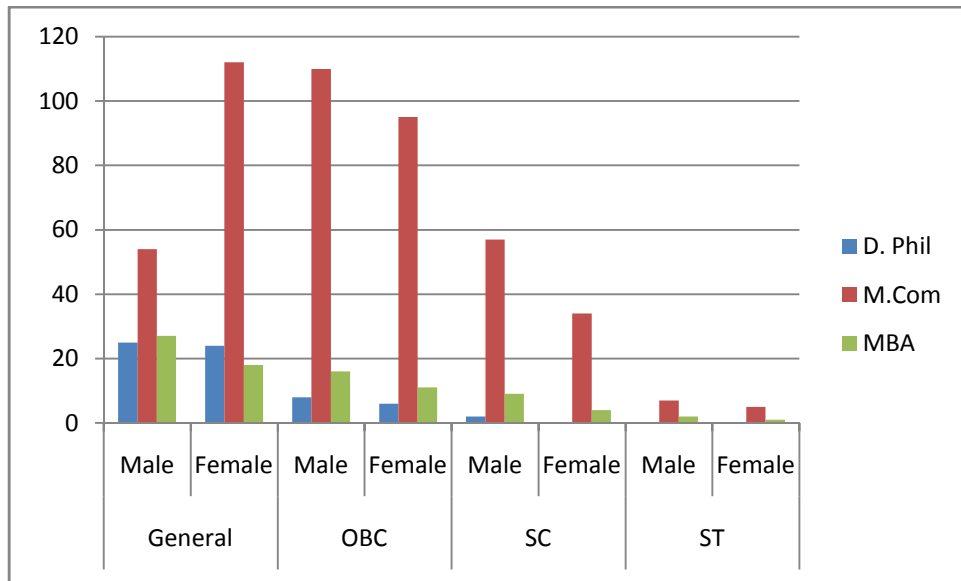
S. No.	Name	Designation	Area of Specialization
1.	Dr. Kamlesh Kumari	Asstt. Professor	Business Environment
2.	Dr. Rajesh Chandra	Lecturer	Business Environment; Retail Management
3.	Dr. Keshav Shyam	Research Assistant, Lecturer Scale	Finance & Accounting
4.	Dr. Umesh Dwivedi	Research Assistant, Lecturer Scale	Business Economics
5.	Dr. Ajai Tiwari	Statistical Supervisor	Operations Research; Business Statistics

### Support Staff:

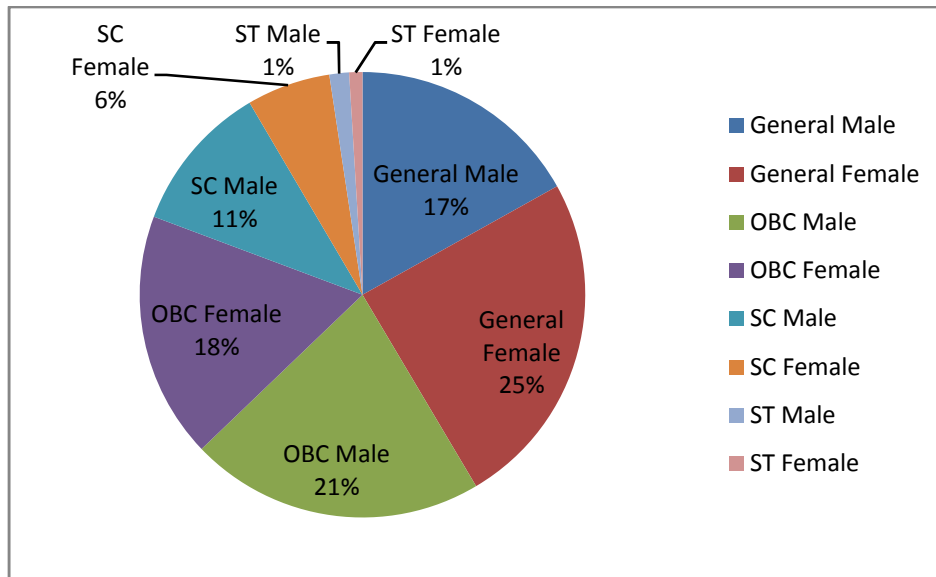
S. No.	Name	Gender	Category	Designation/work
1.	Dwarika Prasad	Male	GEN	Office Assistant
2.	Manoj Bisht	Male	GEN	Office Assistant
3.	R. A. Yadav (Retd.)	Male	OBC	Sr. Assistant (re-engaged)
4.	Vijay Kumar Singh	Male	OBC	Tech. Assistant
5.	Neeraj Kumar Verma	Male	GEN	Lab Assistant
6.	G. K. Rao	Male	GEN	Lib. Assistant
7.	Dharnidhar Upadhyaya	Male	GEN	Lab. Attendant/Peon
8.	Anand Nandan	Male	SC	Peon
9.	Sukumari Mandal	Male	SC	Peon
10.	Jaidrath Pd. Yadav	Male	OBC	Block Servant/Peon
11.	Raju	Male	OBC	Peon
12.	Shahban Ali	Male	OBC	Peon
13.	Anil Kumar	Male	SC	Peon
14.	Kailashpati Tripathi	Male	GEN	Book Attendant/Peon
15.	Sadashiv	Male	OBC	Gardner
16.	Pratap Bahadur	Male	OBC	Gardner
17.	Azad	Male	SC	Sweeper

### Gender distribution of Students for various social categories (2015-16)

Course	General			OBC			SC			ST			Total	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>D. Phil</b>	25	24	49	8	6	14	2	0	2	0	0	0	<b>35</b>	<b>30</b>
<b>M.Com.</b>	54	112	166	110	95	205	57	34	91	7	5	12	<b>228</b>	<b>246</b>
<b>MBA</b>	27	18	45	16	11	27	9	4	13	2	1	3	<b>54</b>	<b>34</b>
<b>Total</b>	<b>106</b>	<b>154</b>	<b>260</b>	<b>134</b>	<b>112</b>	<b>246</b>	<b>68</b>	<b>38</b>	<b>106</b>	<b>9</b>	<b>6</b>	<b>15</b>	<b>317</b>	<b>310</b>



Student Enrollment for the Department of Commerce & Business Administration



Gender wise distribution of Students

Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	National / Inter-national	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants
1.	A special two days workshop was organized for MBA students on the theme "From Campus to Corporate". This workshop was in the memory of Prof C. D. Bhattacharya, Dr. S. S. Chatterji, Smt. Rani Gulati, and Smt. Asha Verma.	National	Two Days 5 <sup>th</sup> and 6 <sup>th</sup> October 2015	At the Department level	88

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants
2.	A two days workshop was organized for MBA students on “Entrepreneurship”. This workshop was in remembrance of Prof J. K. Jain, Dr. Laxman Swaroop and Prof. Raj Shekhar.	National	Two Days 9 <sup>th</sup> and 10 <sup>th</sup> October 2015	At the Department level	88
3.	A workshop in collaboration with DGFT and FIEO, Ministry of Commerce and Industries, Govt. of India on the topic “Niryat Bandhu and EXIM Procedures” in remembrance of Prof. B. B. Lal and Dr. A. A. Siddiqui was organized	National	One Day 2 <sup>nd</sup> November 2015	At the Department level	88
4.	Regional Seminar on Financial Inclusion through Financial Education In Association with National Stock Exchange of India Securities and Exchange Board of India		One Day, 4 <sup>th</sup> March, 2016	At the Department level	88

**Training/orientation/refresher courses/special lectures conducted by the Department:**

In this year 2015, Motilal Nehru Institute of Research & Business Administration (MONIRBA), Department of Commerce & Business Administration, is celebrating its Golden Jubilee year.

The department has organized several workshops, guest lectures, quizzes and many other academic activities regarding the Golden Jubilee year celebration. Few of them are as follows:

S. No.	Name of the course	Dates	Speakers
1.	Guest lecture on the topic “ <i>Start-up Business and Success Mantra</i> ”.	1 <sup>st</sup> April 2015	Mr. Pankaj Dubey, MD, Polaris India Ltd. Ms. Nivedita Dogra, Jt. GM (HR), Airport Authority of India Ltd.
2.	Special Lecture was organized for Commerce and Management students in the Memory of Prof. P. C. Jain.	20 <sup>th</sup> July 2015	Prof. A K Jain, Deptt. of Economics, Univ. of Allahabad.
3.	Guest lecture on the topic “ <i>Career Options in Finance and related fields</i> ”.	15 <sup>th</sup> September 2015	Ms. Gunjan Dixit, Vice President, Moody’s, London, UK.

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/International)	Objectives
1.	Agro-Economic Research Centre, Ministry of Agricultural , Govt. of India	National	<ul style="list-style-type: none"> <li>To carry on research on fundamental problems relating to agricultural economy of India.</li> <li>To conduct ad-hoc studies in the problems in which Government of India is especially interested.</li> <li>To give technical advice to the Government of India and State Governments of Uttar Pradesh/ Bihar in the field of Agricultural Economics and Rural Sociology.</li> </ul>

**Journals published by the department:**

S. No.	Title	Nature (National/ International)	Established	Annual/bi-annual /quarterly	ISSN
1.	The Commerce Journal	National	1960	Annual	2230-7222

**Other publications (books etc.):**

S. No.	Title	Author(s)	Publication	ISBN
1.	<i>Vyavsayik Sangathan avam Prabandh</i>	Prof. Mool Motihar	Sharda Pustak Bhavan, Allahabad	978-93-82778-1
2.	<i>Shodh Karyapranali</i>	Prof. Ramendu Roy	Pravilka Publications, Allahabad	978-93-84292-25-6

**Future Projections:**

❖ **Proposed Courses**

S.No.	Name of Programme	Nature(Degree /Diploma/training etc.	Duration	Proposed or In process	Intake of Students	Remarks
1.	Disaster Management	Certificate Course	One Year	Proposed	30	Self-Finance
2.	Public Systems Management	Certificate Course	One Year	Proposed	30	Self-Finance
3.	Accounting & Financial Management	Certificate Course	One Year	Proposed	30	Self-Finance
4.	Water Management on Cafeteria and Collaboration Approach Basis	Certificate Course	One Year	Proposed	30	Self-Finance
5.	Rural Marketing	Certificate Course	One Year	Proposed	30	Self-Finance



## DEPARTMENT OF ECONOMICS

**Introduction:**

The Department of Economics became a truly full-fledged department in 1914, with the appointment of Herbert Stanley Jevons (son of the marginalist, W.S. Jevons) as the first Professor of Economics and Head. A post-graduate course was also introduced the same year, so that the fledgling department offered both, under-graduate and post-graduate courses. Prof. Jevons founded the Indian Journal of Economics, in the year 1916, the first economics journal ever to be published in India. This is the oldest existing journal of Economics and is regularly published, even today. In an article, published in its first volume in 1916 and available even today in the Department.

The Department has a Planning and Development Unit, created through an endowment by the Planning Commission, Government of India, with the renowned development economist, Jean Dreze as the Honorary Chair Professor. The UGC also selected the Department under Special Assistance Programme (SAP) in 2004-05, DRS- I level. It was further renewed in 2009-10, DRS-II level. The Department looks ahead further to convert it into a Centre for Advanced Study. The Department offers a UGC - approved one year employment - oriented Post Graduate Diploma in Foreign Trade Practices and Procedures (DFTPP) since 2002-03. The Departmental library has more than fifteen thousand books and it subscribes 35 national and international journals, along with about 40 journals received under exchange basis through the Indian Journal of Economics. It is in the process of modernization through digital cataloguing.

**Thrust Areas:**

- Social Sector Avertment and International Economics Issues.

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats
1.	D. Phil	Max. 5 years (includes course work)	20
2.	M. A./M. Sc.	2 Years	155
3.	B. A./B. Sc.	Three Years	800
4.	Diploma In Foreign Trade	One Year	40

**Faculty Members and their Area of Reseach:**

S. No.	Name	Designation	Area of Specialization
1.	Ajaya Kumar Jain	Professor	International Trade, Demography
2.	Anup Kumar	Assistant Professor	International Economics, Micro Economics, Globalization Studies
3.	Deepshikha Sonker	Assistant Professor	Agricultural Economics, Economics of Industry
4.	Dhramnath Uraon	Assistant Professor	Econometrics, Mathematical Statistics, Public Finance
5.	G.C. Tripathi (on lien)	Professor	Economics of Industry, Monetary Economics
6.	Jagdish Narayan	Professor	Mathematical Economics, Econometrics
7.	Javed Akhtar	Associate Professor	Rural Development, Agricultural Economics
8.	Karim Ullah	Assistant Professor	Econometrics, Monetary Economics
9.	Kiran Singh	Associate Professor	Agricultural Economics
10.	Manmohan Krishna	Professor	International Economics, Indian Economic Policy
11.	Nisha Srivastava	Professor	Economic Theory, Gender Studies, Development Economics



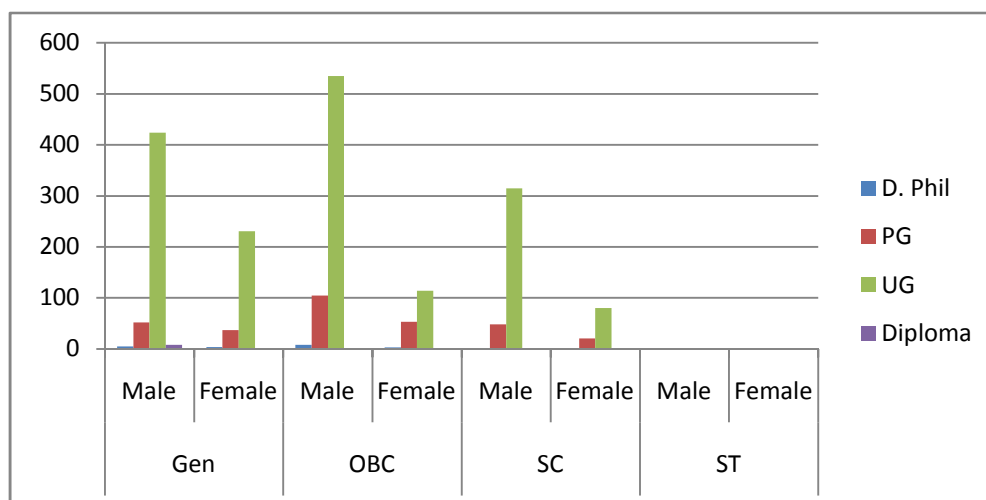
S. No.	Name	Designation	Area of Specialization
12.	Pradeep Kumar Singh	Assistant Professor	International Economics, India's Foreign Trade & Policy & Globalization Studies
13.	Prahlad Kumar	Professor	Economics of Human Resources, Publics Finance ,Social Sector
14.	Prashant Kumar Ghosh	Professor	Economics of Human Resource, Planning & Development, Women's Studies
15.	Rekha Gupta	Assistant Professor	Development & Planning, Macro Economics
16.	Sunil K Chaturvedi	Professor	Mathematical Economics, Mathematical Statistics
17.	Swati Jain	Assistant Professor	Macro Economics, Environmental Economics

**Support Staff:**

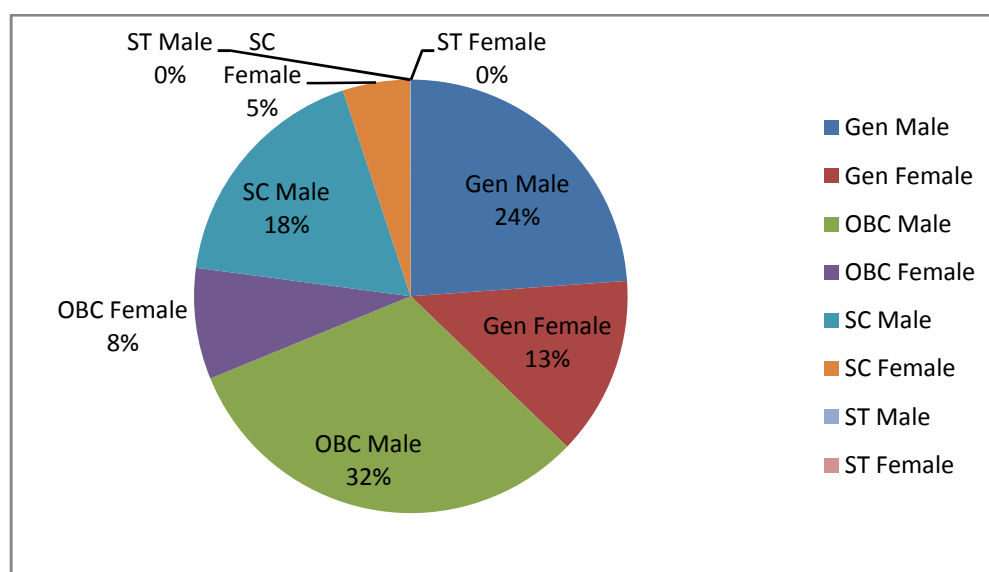
S. No.	Name	Gender	Designation/work
1.	Jay Prakash Yadav	Male	Lab Assistant
2.	Jai Ram	Male	Junior Office Assistant
3.	Kamlesh Singh	Male	Junior Office Assistant
4.	Radhey Shayam Yadav	Male	Peon
5.	Akhilesh Kumar	Male	Peon
6.	Hari Prakash Verma	Male	Peon
7.	Sumit Kumar	Male	Peon
8.	Munni Devi	Female	Peon
9.	Ramesh Kumar	Male	Peon
10.	Manish Kumar	Male	Computer Operator (Contract )

**Gender distribution of Students for various social categories (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	05	04	09	08	03	11	-	02	02	-	-	-	13	09	22
<b>PG</b>	52	37	89	105	53	158	48	21	69	01	-	01	206	111	317
<b>UG</b>	424	231	655	535	114	649	315	80	395	-	-	-	1274	425	1699
<b>Diploma</b>	08	01	09	-	-	-	02	-	02	-	-	-	10	01	11
<b>Total</b>	489	273	762	648	170	818	365	103	468	01	-	01	1503	546	2049



Student Enrollment for the Department of Economics



Gender wise distribution of Students

Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1	To word a Green Future	National	Feb.05&06,2016	Planning & Development Unit & SAP III DRS -III	252	121

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Pre –D.Phil Course	06 Months Aug. 15 to Apr.2016	Economics Dept.	Prof.E. Madesworan ISEC, Bangalore Prof. Ashok Mittal, AMU Dr. Kunal Keshri GBPI Allahabad, Prof. P.K.Chaube IIPA New Delhi
2.	Orientation Programme On “Financial Inclusion through Financial Education”	04 March 2016	SEBI	

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	U.G.C. Sap III DRS III	Seminar	1.25 Lakhs
2.	Planning & Development Unit	Seminar	4 Lakhs

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/International)	Objectives
1.	BASS	National	To promote and disseminate Research and Economic thinking on Economics Issues

**Journals published by the department:**

S. No.	Title	Nature (National/International)	Established	Annual/bi-annual /quarterly	ISSN
1.	Indian Journal of Economics University of Allahabad	International	1916	Quarterly	0019-5170
2.	VARTA	International	1980	Bi-annual	0970-9177

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree/Diploma/training etc.)	Duration	Proposed or In process	Intake of Students	Remarks
1	MBA in International Business	Degree	02	Proposed	50	

**Seminars/Workshops/Conferences/Special Lectures:**

**Prahlad Kumar**

- Organized a two days National seminar on “Towards A Green Future” on Feb 05-06, 2016 at Department of Economics, University of Allahabad.
- Organized a “Youth Day Programme on Swami Vivekananda” , January 12, 2016 at department of Economics, University of Allahabad.
- Organized a “Unity Day Programme” at Department of Economics, University of Allahabad in 31, October 2015.
- Organized a Programme “International Day For the Preservation of Ozone Layer” at Department of Economics, University of Allahabad in 16 September 2015.
- Organized a Programme on “Prof. P.C. Jain, Memorial Lecture”, at Department of Economics, University of Allahabad in July 20, 2015.

- Managing Editor, VARTA, Research Journal of BASS Allahabad.
- Chaired a technical session in the “XI National conference of UPUEA”, October 31- 1 November, 2015 at IIT Roorkee, Roorkee. Attended a three days Annual conference of “Indian Economic Association” from December 27- 29, 2015 at Hyderabad.
- As Head of Economics Department organized Pre-D.Phil. Course work from September 2015- March, 2016.
- As Head of Economics Department organized a visit of faculty members & research scholars to ISI, Bengaluru.

**Javed Akhtar**

- PROGRAMME COORDINATOR of ONE YEAR Post Graduate DIPLOMA COURSE in FOREIGN TRADE PRACTICES AND PROCEDURES run by Department of Economics, since 2004.
- Co Convenor in a 2 day national seminar “ Towards A Green Future” organised by Department of Economics, University of Allahabad held on Feb 5-6 ,2016.

## FACULTY OF LAW

### DEPARTMENT OF LAW

#### Introduction

Law as a subject was introduced in the year 1872 in affiliation with the Calcutta University. In 1887 the Department of Law was established and in the year 1890, the Department of Legal Studies became a separate single Department Faculty of the University along with the Faculties of Arts, Science and Commerce. Hon'ble Justice D. Straight was appointed the first president of the Department. The Law Department functioned in Muir College from 1872 onwards till the new building was constructed for the Law Faculty around 1910, adjacent to Senate House. By an Act of the United Province of British India Professor Weir, a distinguished jurist became first Head of Law Department.

The Law Department was shifted to the new building which was constructed by UGC grants in the Chatham Lines Campus of which Hon'ble Mr. A.K. Sen, the then Law Minister of India, had laid the foundation stone in 1965.

In keeping with its best tradition of reform and innovation in legal education, the University launched a Five Year Integrated Course in Law w.e.f. the Academic Session 2005-06. Its prime purpose and avowed aim is to fashion new techniques of teaching and design courses to cope with the challenges and issues in contemporary society. A separate building for Law Five Year Integrated Course, has been built by the University in the same premises.

#### Thrust Areas:

The Department is engaged in various research areas including Law relating to

- Human Rights,
- Intellectual Property,
- Environment Law and Cyber law in addition to the traditional fields of constitutional Law, Personal Law, and Administrative Law etc.

#### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats
1	D. Phil	5 years	As per Vacancy
2	LL.M.	2 years	62
3	LL.B. (Hons):	3 years	493
4	B.A.LL.B. (Hons):	5 years	123

#### Faculty Members and their Area of Research:

S. No.	Name	Designation	Area of Specialization
1.	Abhishek Kumar	Assistant Professor	Human Right, Private & Public, International Law, IPR
2.	Ajai Singh	Assistant Professor	Constitutional Law, Family Law, Land Law
3.	Anshuman Mishra	Assistant Professor	Drafting Pleading Conveyancing, Constitutional Law Administrative Law, Jurisprudence-II, Environmental Law, Law of evidence
4.	B.P. Singh	Professor	Law of Tort, Penology & Victimology, Criminology
5.	D.N. Pandey	Professor	Muslim Law, TPA,
6.	G. G. Singh	Professor	Human rights, International Law, Labour Law , Jurisprudence, Arbitration
7.	H.H. Singh	Professor	Hindu Law, Muslim Law
8.	H.N. Tiwari	Professor	Constitutional Law, Interpretation
9.	Haribansh Singh	Assistant Professor	Environmental Law, Insurance Law, Constitutional Law, Taxation
10.	J. P. Mishra	Associate Professor	Jurisprudence, Constitutional Law, IPR
11.	Jai Shankar Singh	Associate Professor	Professional ethics, Public International Law, Private International Law, UK, American Constitution
12.	L.M. Singh	Professor	Law of Crimes, Administrative Law,

## UNIVERSITY OF ALLAHABAD

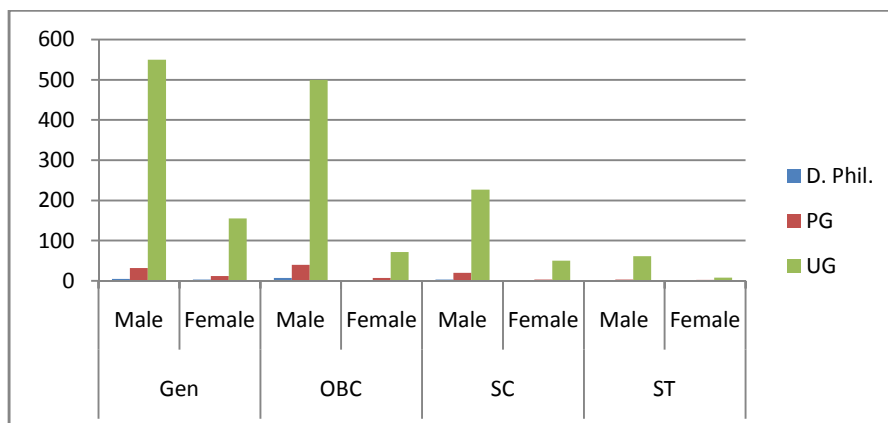
S. No.	Name	Designation	Area of Specialization
13.	L.R. Singh	Professor	Law of Contract, Law of Tort, Jurisprudence
14.	Mukta Verma	Assistant Professor	IPR, IT Law, Constitutional Law, Moot Court, Company Law
15.	N. P. Verma	Assistant Professor	Environmental Law, Human Rights, Equity
16.	R. K. Chaubey	Professor	Indian Constitution, Taxation, Administrative Law, Law of Evidence, Cyber Law
17.	Rakesh Khanna	Professor	Law of Crimes, Constitutional Law
18.	Rashmi Thakur	Assistant Professor	RTI, International Organization, Law of Crime, Cr.P.C., Human Right
19.	Roshan Lal	Assistant Professor	Muslim Law, Women Law, Child Law
20.	S.H.K.U. Akbar	Professor	Muslim Law, Jurisprudence, Land Law
21.	Siddh Nath	Professor	Law of Contract, Company Law
22.	Sonal Shankar	Assistant Professor	Law of Contract, Administrative Law, Moot Court

### Support Staff:

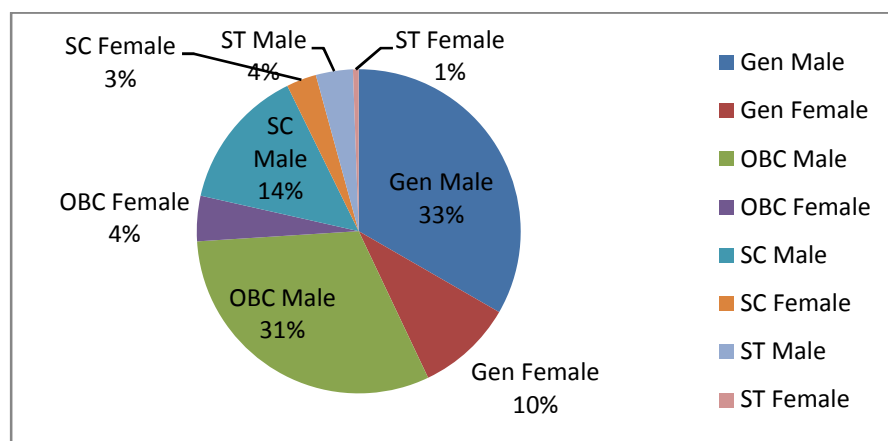
S. No.	Name	Gender	Category	Designation/work
1.	Sri Narendra Kumar Mishra	M	Gen	Job Receptionist
2.	Sri Deepak Bharati	M	SC	Personal Assistant
3.	Sri. Rajendra Bahadur Singh	M	Gen	Office Assistant
4.	Sri Om Prakash Ojha	M	Gen	Junior Office Assistant
5.	Sri Suresh Chandra Yadav	M	OBC	Library Assistant
6.	Sri Shrish Kumar	M	OBC	Junior Office Assistant
7.	Sri Ram Chandra	M	OBC	Helper Pump Operator
8.	Sri Shyam Babu	M	OBC	Lab Attendant
9.	Sri Jeet Lal	M	OBC	Library Attendant
10.	Sri Ram Nihor	M	OBC	Library Attendant
11.	Sri Ram Anjor Saroj	M	OBC	Mali
12.	Sri Aditya Kumar	M	OBC	MTS
13.	Sri Shiv Ram	M	OBC	MTS
14.	Sri Jawahar Lal	M	OBC	Peon

### Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil.</b>	5	3	8	7	1	8	3	0	3	1	0	1	15	3	18
<b>PG</b>	32	12	44	40	7	47	20	3	23	3	2	5	95	24	119
<b>UG</b>	550	155	705	500	72	572	227	50	277	61	8	69	1338	281	1619
<b>Total</b>	<b>587</b>	<b>170</b>	<b>757</b>	<b>547</b>	<b>80</b>	<b>627</b>	<b>250</b>	<b>53</b>	<b>303</b>	<b>65</b>	<b>10</b>	<b>75</b>	<b>1448</b>	<b>308</b>	<b>1756</b>



Student Enrollment for the Department of Law



Gender wise distribution of Students

Events of the Department:

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	National Seminar Indian Languages in the Province of Law & Justice	National	Two days dated 27-28 February 2016	University of Allahabad	250	100
2.	Lex Model United Nations (MUN) Conference 2016	National	Two days Dated 6-7 February, 2016	University of Allahabad	180	-

Special lectures conducted by the Department:

S. No.	Name of the course	Date	Speakers
1.	Pre.Dhil. Course Special Lecture	01.11.2015	Dr. Anurag Deep, Associate Professor, Indian Law Institute, New Delhi
2.	Pre.Dhil. Course Special Lecture	29.01.2016	Prof. G.G. Singh
3.	Human Rights Law And Practice In India	11.9.2015	Prof. Rashmi M. Oja, Department of Law,

S. No.	Name of the course	Date	Speakers
			University of Mumbai
4.	(i) Environmental Ethics And Environmental Jurisprudence In India (ii) National Unity and Indian Constitution	31.10.2015	Prof. Amar Pal Singh, University of School of Law & legal Studies, Gurugovind Singh Indraprath University, New Delhi

**Books Published during 2015-16 by the Department:**

S. No.	Title	Type	Author(s)	Publication
1.	सूचना का अधिकार	Book	Prof. R.K. Chaubey	Central Law Agency



## FACULTY OF SCIENCE

## DEPARTMENT OF BIOCHEMISTRY

**Introduction:**

The Department of Biochemistry was established in 1968. The Department presently offers a 2-year four semesters M. Sc. program, three year undergraduate program with Biochemistry as one of the subjects and a Doctoral (D.Phil.) program. The department presently has 8 faculty members. The Department runs three years undergraduate, the semester based (4 semesters) post-graduate and the Doctoral programmes are successfully running in the Department. Weekly student seminars and frequent invited lectures by prominent scientists along with Training Programs are being conducted. The Faculty members are working in various areas of research viz. anti-HIV-1 drug design, toxicology, micronutrients and their roles in oxidative stress, aging research, cancer and natural product based anti-microbial.

**Thrust Areas:**

- The laboratory of Prof. B. Sharma is involved in conducting research basically in three different key areas: Exploring mechanism of genotoxicity induced by pesticides or xenobiotics, isolation and purification of phytochemicals from local Indian traditional plants showing bioactivity against microbes and human physiological biomarkers, extra-cellular secreted alpha-galactosidase and detailed characterisation of the enzyme and establishing its clinical implications and structure-function relationship of HIV-1 RT and exploring mechanisms of antiHIV-1 drugs resistance.
- The research group of Prof. Poonam C. Mittal is currently engaged in Biochemistry of micro-minerals which are focused on the biochemical advantages and possible harm of intake of high dose essential minerals, and the impact of toxic metals on the human system.
- The group led by Prof S I Rizvi is engaged in the following areas: Understanding the markers of senescence in cells, Anti aging interventions, Factors influencing life span in organisms, Bioactive natural products.
- Prof. Abhay Kumar Pandey is working on Medicinal Biochemistry (Antimicrobials and antioxidants).
- Dr. Munish Kumar is working on Metabolic disorders & Cancer Biology.
- Dr. Jalaj Kumar Gour is working on Microbiology, Parasitology, Medical Biochemistry (Antimicrobial).
- The thrust area of Dr. Ujla Minhas is Biochemistry, Immunology, natural product.

**Programmes of Study:**

S.No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)	13	Biochemistry
2.	M. Sc.	2 Year	22	Biochemistry
3.	B. Sc.	3 Year	28	Not Required

**Faculty Members and their Area of Research:**

S. No.	Name	Designation	Area of Specialization
1.	A. K. Pandey	Professor	Microbiology and Phytochemistry
2.	Bechan Sharma	Professor	Molecular Biology, Biochemical Toxicology, Enzymology
3.	Jalaj Kumar Gour	Assistant Professor	Biochemistry, Infectious Diseases, Antimicrobial activity etc.
4.	Munish Kumar	Assistant Professor	Molecular Biology, Cancer Biology
5.	P. C. Mittal	Professor	Nutritional Biochemistry
6.	S. I. Rizvi	Professor	Aging and Diabetes
7.	Ujla Minhas	Assistant Professor	Immunology, Oxidative stress.

**Support Staff:**

S. No.	Name	Gender	Category	Designation/ work
1.	O. P. Gupta	Male	OBC	Office Assistant
2.	Vijay Pal	Male	OBC	Lab Attendant
3.	Ram Achal	Male	SC	Peon

S. No.	Name	Gender	Category	Designation/ work
4.	Dileep Kumar Mishra	Male	Gen.	Lab Attendant
5.	Shahid Jamal	Male	Gen	Office Assistant

**Students:**

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL			Foreign	
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
D. Phil.	1	5	7	3	1	4	—	—	—	0	0	0	5	6	11	2	—
PG	2	5	7	5	5	10	1	2	3	0	0	0	8	12	20		
UG										0	0	0	12	21	33		
<b>Total</b>	—	—	—	—	—	—	—	—	—	0	0	0	25	39	64		—

**Training/orientation/refresher courses attended/Delivered Lectures by Faculty Members:**

**Abhay Kumar Pandey**

- Participated in UGC sponsored National workshop (23-29 September, 2015) on ‘Antioxidants in health and disease prevention’ organized by CMP Degree College Allahabad. September 24, 2015.
- Participated in ‘Author workshop’ organized by Springer (India) at University of Allahabad, Allahabad. October 30, 2015.
- Participated and Chaired a technical session on Medical Biotechnology in International Conference on Translational Biotechnology (Biosangam 2016) organized by MNNIT, Allahabad, February 04-06, 2016.
- Participated and Chaired a technical session in Biokumbh, 2016, a National Conference on Recent Trends and Advances in Biotechnology organized by CBT, University of Allahabad, Allahabad. February 20-21, 2016.
- Invited lecture on “Environmental effects on health and preventive role of nutraceuticals” in Refresher Course on Environment and climatic changes organized by ASC-AU in Dept. of Atmospheric Sciences, University of Allahabad, Allahabad. March 01, 2016.
- Invited lecture on ‘Techniques used in biological investigations’ in National workshop (16-22 February, 2016) on ‘Material synthesis, HP/HT technique and use of electron microscopy’ organized by National Centre of Experimental Mineralogy and Petrology, University of Allahabad, Allahabad. February 17, 2016.
- Chaired a technical session on Medical Biotechnology in International Conference on Translational Biotechnology (Biosangam 2016) organized by MNNIT, Allahabad, February 04-06, 2016.
- Invited lecture on “Free radicals and antioxidants: a biological perspective” in UGC sponsored National workshop (23-29 September, 2015) on ‘Antioxidants in health and disease prevention’ organized by CMP Degree College Allahabad. September 24, 2015.

**Bechan Sharma**

- Participation Grant, Global HIV Clinical Forum, Durban, South Africa
- Member and Ambassador of Asian Council of Science Editors (ACSE) for the year 2015 & 2016
- Member, National Advisory Board, International Conference on Current Scenario and Prospects of Nanotechnology and Biostatistics, UPRTOU-Allahabad, February 25-26.
- Member, International Advisory Committee, Biosangam 2016, International Conference on Translational Biotechnology, MNNIT-Allahabad, February 4-6.
- Member, Organising Committee, International Conference on Neurooncology 2016 during July 21-23, 2016 at Brisbane, Australia
- Member, Management Council, K.S. Institute of Research and Training, Lucknow, UP, India
- Excellence in Teaching and Research Award by Society for Bioinformatics and Biological Sciences, Allahabad, India
- Senior Scientist Fellowship Award in Biomedical Sciences by Indian Council of Medical Research (ICMR), Govt. of India–New Delhi, to work with Dr. Samuel Wilson, NIEHS-NC, USA

- Member, Advisory Committee, National Conference on Bioinformatics Panorama in Agriculture and Health (NCBPAH), SHIATS-Naini, Allahabad, October 5-6. (<https://ncbpah2015.wordpress.com/people/>)
- Resource Person, RESEARCH TRAINING FELLOWSHIP FOR DEVELOPING COUNTRY SCIENTISTS (RTF-DCS); Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre)-New Delhi, 2015-16,
- Member, Advisory Committee, National Seminar on 'Science and Technology for Human Welfare', March 14-15, 2015. University of Allahabad Chapter of National Science Congress Association, India
- Member, Programme Technical Committee, International Conference on Pharmaceutical Sciences, Jan.15-21, 2015, Dubai

#### S. I. Rizvi

- Invited Speaker at the 20<sup>th</sup> IUPAC Conference on Chemical Research Applied to World Needs (CHEMRAWN XX) with the Theme **Herbal Medicine for Health Care in the 21<sup>st</sup> Century, Dhaka, Bangladesh.** November 6-9, 2015
- Participation Grant, Global HIV Clinical Forum, Durban, South Africa
- Member and Ambassador of Asian Council of Science Editors (ACSE) for the year 2015 & 2016
- Member, National Advisory Board, International Conference on Current Scenario and Prospects of Nanotechnology and Biostatistics, UPRTOU-Allahabad, February 25-26.
- Member, International Advisory Committee, Biosangam 2016, International Conference on Translational Biotechnology, MNNIT-Allahabad, February 4-6.
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- Member, Management Council, K.S. Institute of Research and Training, Lucknow, UP, India
- Excellence in Teaching and Research Award by Society for Bioinformatics and Biological Sciences, Allahabad, India
- Senior Scientist Fellowship Award in Biomedical Sciences by Indian Council of Medical Research (ICMR), Govt. of India–New Delhi, to work with Dr. Samuel Wilson, NIEHS-NC, USA
- Member, Advisory Committee, National Conference on Bioinformatics Panorama in Agriculture and Health (NCBPAH), SHIATS-Naini, Allahabad, October 5-6. (<https://ncbpah2015.wordpress.com/people/>)
- Resource Person, RESEARCH TRAINING FELLOWSHIP FOR DEVELOPING COUNTRY SCIENTISTS (RTF-DCS); Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre)-New Delhi, 2015-16.
- Overview of Novel Herbal Supplements in Diabetes. In: Nutraceuticals and Functional Foods in Human Health and Disease Prevention Edited by Debasis Bagchi, Harry G. Preuss, and Anand Swaroop CRC Press, 2016, ISBN-13: 978-1-4822-3722-1
- Role of Diet and Exercise in Intervention of Age - Induced Impairments. In: *Diet and Exercise in Cognitive Function and Neurological Diseases*, First Edition. Edited by Tahira Farooqui and Akhlaq A. Farooqui. © 2015 John Wiley & Sons, ISBN 978-1-118-84055-9
- Redox Biology of Aging: Focus on Novel Biomarkers. (in: Free Radicals in Human Health and Disease, Ed. V Rani, U C S Yadav) Springer 279-292. □ ISBN 978-81-322-2035-0
- Invited Speaker at the 20<sup>th</sup> IUPAC Conference on Chemical Research Applied to World Needs (CHEMRAWN XX) with the Theme **Herbal Medicine for Health Care in the 21<sup>st</sup> Century, Dhaka, Bangladesh.** November 6-9, 2015

### 10. Future Projections:

#### ❖ Proposed Projects/SAP Grants etc.

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process (If proposed enclose copy of proposal)	Remarks
1.	DRS-I, SAP, UGC	Biochemistry of Health and Diseases	5 years	108 Lacs	In process	Sanctioned funds not yet received

## DEPARTMENT OF BOTANY

**Introduction:**

Department of Botany is well known as the University. It came into existence in 1923 as a separate entity and it is one of the oldest University Departments of Botany in the country. Stalwarts such as Prof. Julian H. Mitter, Prof. Shri Ranjan, FNI, Prof. R.K.Saksena, FNA, Prof. R.N. Tondon, FNI, Dr. A.K. Mitra, Prof. D.D. Pant, FNA and others, have adorned the professorial chair of department. All of them maintained the great tradition of excellence in research and teaching. The department is known for multidisciplinary character and has earned international recognition for its standard of teaching and research. The department can be proud of having produced eminent scholars and administrators, who have occupied or occupying high position within and outside the country. In view of its academic excellence, the department of botany has the distinction of being recognized by the UGC under its two programmes: 1- The special assistance programme (1976) and 2- The COSIST support programme (1990).

**Instrumentation laboratory-** Department has central instrument lab (CIL) including AAS and UV-Vis spectrophotometer.

**Roxburgh botanical garden and Experimental farm-** The department is maintaining one of the best botanical garden in country. Plants belonging to diverse life forms (From Algae to Angiosperm) ranging to different habit and habitats. The garden is having the majestic palms and conifers. It is also maintaining the best collection of rare cycads of foreign countries. Besides these garden is also maintaining the collection of some rare and endangered plant of Pteridophyte and Angiosperm. The avenues and panels of different plant give the gardener look to the garden.

**Agharkar Museum-** Agharkar Museum is located on the first floor of east wing of the Botany Department which is situated in Muir Central College of University of Allahabad. This museum is named after the great scientist Dr. S.P. Agharkar, whose name figures among the legendry botanist of the country. The museum is well known for its rare collection of living and fossil plant belonging to different plant groups.

**Duthie Herbarium-** The department is maintaining the best collection of herbarium plants of various groups like Bryophytes, Pteridophytes, Gymnosperms and Angiosperms. It includes the rare prized collection of Duthie, King, Kustler, Dudgeon, Cave, Wallich and Gamble. There are nearly 25000 specimens. It has also the rich flora of different districts of UP.

**Thrust Areas:**

The department offers teaching in three main courses at the post-graduate level: 1- Botany 2- Ag.Botany 3- Environmental science. All the post-graduate courses are having semester system. The under-graduated programme is integrated with B.Sc. curriculum of the Faculty of Science. The curricula are continuously updated. The ongoing research programme emphasizes diverse areas of functional, structural, applied and evolutionary botany. The main emphasis is given on the following areas which are identified by UGC as areas of excellence in the department:

- 1- Palaeobotany and Morphology
- 2- Microbiology and Plant Pathology (Including Phycology)
- 3- Plant Physiology

There are other areas of interest like Plant Taxonomy, Plant Bio-diversity, Ecology, Cytogenetics which are also attaining excellence.

**Special papers****Botany**

1. Phycology
2. Bryology
3. Cytogenetics
4. Ecology
5. Morphology and Anatomy of Vascular plants
6. Microbiology
7. Palaeobotany
8. Plant Pathology
9. Plant Physiology
10. Taxonomy

**Ag. Botany**

- 1- Pathology
- 2- Crop physiology
- 3- Genetics and Breeding

**MEMORANDUM OF UNDERSTANDING:**

A MoU for Academic collaborations for the promotion and assistance in research of the most advanced methodologies and technologies for the postharvest preservation of food has been signed recently on September 01, 2015 between University of Allahabad, Allahabad, India and World preservation centre LLC, P.O. Box-1629, Shepherdstown. WV 25443, USA with the enormous effort made by Prof. Anupam Dikshit, Head of the Department, University of Allahabad and Dr. Charles L. Wilson, of World food preservation centre, America.

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)		
2.	M. Sc. Botany	2 years(4 Semester)	62	Botany
3.	M. Sc. Evs	2 years(4 Semester)	31	
4.	M. Sc. Ag	2 years(4 Semester)	15	
5.	B. Sc.	3 years	265	

**Faculty Members and their Area of Research:**

S. No.	Name	Designation	Area of Specialization
1.	Anupam Dikshit	Professor and Head	Microbiology, Plant Pathology and Angiosperm Taxonomy, Biotechnology
2.	D.K. Chauhan	Professor	Evolutionary Botany, Paleobotany, Stress Physiology
3.	D.N. Shukla	Professor	Ag. Botany, Plant Pathology, Environmental Science
4.	Dinesh Kumar Yadav	Assistant Professor	Molecular Biology& Genetic Engineering
5.	Girjesh Kumar	Professor	Genetics & Plant Breeding
6.	Harbans Kaur Kehri	Professor	Mycology, Pl. Pathology, Microbiology
7.	K. Suresh Kumar	Assistant Professor	Phycology & Algal Physiology
8.	Kumar Suranjit Prasad	Assistant Professor	Environmental science
9.	Manju Sahney	Professor	Plant Anatomy & Morphology Reproductive Biology, Palynology, Aerobiology
10.	Narsingh Bahadur Singh	Professor	Plant Physiology, Ecology, Crop Physiology
11.	Pawan Kumar Jha	Assistant Professor	Environmental science
12.	Rajiv Kumar Yadav	Assistant Professor	Molecular Biology& Genetic Engineering
13.	S.C. Agarwal	Professor	Phycology, Marine Biology
14.	Satya Narain	Professor	Plant Taxonomy, Economic Botany
15.	Sheo Mohan Prasad	Professor	Physiology, Biochemistry & Molecular Biology

**Support Staff:**

S. No.	Name	Gender	Category	Designation/work
1.	Bishan Singh	Male	III	Sr.Tech. Asstt.
2.	Jagdish Chandra	Male	III	Tech. Asstt.
3.	Madan Mohan Bhatt	Male	III	Tech. Asstt.
4.	Chandra Prakash Joshi	Male	III	Tech Asstt.
5.	Akhil Agarwal	Male	III	Lab. Asstt.
6.	Rajesh Kumar Kashyap	Male	III	Office Asstt.
7.	Brij Kishor Tiwari	Male	III	Jr. Office Asstt.
8.	Awadhesh Kumar	Male	III	Library Asstt.
9.	Shashi Prakash	Male	III	Carpenter
10.	Santosh Babu Mishra	Male	III	Photo Artist
11.	Brijesh Kumar	Male	III	Mechanic
12.	Ram Babu Kushwaha	Male	III	Tube well operator
13.	Raj Mangal Tiwari	Male	IV	Lab. Attendant

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S. No.	Name	Gender	Category	Designation/work
14.	Pradeep Kr. Tiwari	Male	IV	Lab. Attendant
15.	Radhey Shyam S/O Ram Lal	Male	IV	Lab. Attendant
16.	Virendar Kumar Maurya	Male	IV	Lab. Attendant
17.	Shiv Shankar	Male	IV	Lab. Attendant
18.	Harish Chandra Yadav	Male	IV	Peon
19.	Soma Tiwari	Female	IV	Peon
20.	Ashok Kumar Maurya	Male	IV	Peon
21.	Ganiko Prasad Kushwaha	Male	IV	Peon
22.	Radhey Shyam	Male	IV	Mali
23.	Ram Lal	Male	IV	Mali
24.	Umesh Chandra Mishra	Male	IV	Mali
25.	Dirgaj Prasad	Male	IV	Mali
26.	Kamaljeet	Male	IV	Sweeper
27.	Sanno Begum	Female	IV	Sweeper
28.	Santosh Kumar Yadav	Male	III	
29.	Ajay Tiwari	Male	IV	
30.	Jitendra Kanaujiya	Male	IV	

### Students:

#### Number of students programme wise and reservation wise:

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D.Phil.</b>	07	27	34	09	12	21	05	08	13	01	01	02	22	48	70
<b>PG 1. M.Sc. Botany I</b>	071	261	332	040	140	181	400	100	140	002	000	002	151	503	655
<b>Sem III Sem 2. M.Sc. Ag. Botany I</b>	008	700	708	504	800	304	303	800	803	00	0	00	715	300	015
<b>Sem III Sem 3. M.Sc.</b>	08		08	03		03			03				14		14
<b>Environmental Sci. I Sem III Sem</b>	060	171	231	010	040	050	030	002	030	00	00	00	100	212	312
	2	6	8	1	6	7			2				3	4	7
<b>UG1. B.Sc. I2. B.Sc. II3. B.Sc. III</b>	271	603	875	463	575	103	272	342	614	200	104	124	103	162	265
	615	929	<b>544</b>	810	837	<b>964</b>	16	111	<b>217</b>		1	1	753	122	197
						7							1	78	109
<b>Total</b>	106	231	337	121	196	317	72	94	166	05	16	21	304	537	841

#### Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	National / Inter-national	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented
1.	DST INSPIRE Internship Science camp	National	3-7 Nov, 2015	DST	200	12 invited lectures
2.	National seminar on "GM Crops: Challenges to the environment" held at Department of Botany.	National	11 April 2015	Botany department, AU and Swadeshi Jagran Manch, Kashi Prant	300	5



**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Dates	Speakers
1.	Ex-situ conservation of Biodiversity	8/04/2015	Prof. M.V. Rao
2.	Decoding cyanobacterial survival under As stress: Proteomic, Genomic, Bioinformatics approaches	22/08/2015	Prof. L.C. Rai, BHU, Varanasi
3.	Phytoplasma	14/11/2015	Prof. G.P. Rao, IARI New Delhi
4.	Bacteriophage therapy	24/11/2015	Prof. R.C. Dubey, Gurukul Kangari Univ., Haridwar
5.	Bioinformatics, technology resources and tools	08/12/2015	Prof. Ashok Sharma, CIMAP, LKO
6.	Mycorrhizal symbiosis plant growth promoting pathogen deterrent	15/12/2015	Prof. T.N. Lakhanpal, HP University, Shimla
7.	Floristic diversity of Himanchal, Himalayan and emerging threats to its survival	24/12/2015	Dr. Vineet Jishtu, HFRI, Shimla
8.	Rural technology: a new approach	04/01/2016	Dr. R. P. Singh, GGDVV, Bilaspur
9.	Challenges and opportunities in high altitude at Leh Ladakh	08/01/2016	Dr. R.B. Srivastava, Ex Director, DRDO, New Delhi
10.	Nano-mycorrhiza	28/01/2016	Prof. Ajeet Verma, Amity Univ., Noida
11.	Photosynthesis 60 years of research experience of Prof. Govindjee	27/02/2016	Prof. Govindjee

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	DST FIST programme	Upgradation and advancement of departmental UG, PG courses and research work	Rs 95,000,00

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/International)	Objectives
1.	Institute of Environmental Science under IIDS	University body	PG courses for Environmental science
2.	Centre of Rural technology and development under IIDS	University body	PG courses for Rural technology and development

**Other publications (books etc.):**

S. No.	Title	Type	Author(s)	Publication	ISBN
1.	Basic Phycology	-	Bishen Singh Mahendra pal singh, Dehradun	-	ISBN: 978-81-211-0870-6
2.	Manual of potable water with special reference to herbals	Text book	Anupam Dikshit, Madhu Pandey and Ashutosh Pathak	Lambert Academic Publishing, Germany	978-3-659-71394-1.

## DEPARTMENT OF CHEMISTRY

## Introduction

The Department of Chemistry is one of the oldest and most prominent departments of the University of Allahabad. The Department could create a niche for itself in national and international domains of teaching and research. It has long enjoyed a prominent place among the national and international centre of higher education and as a result it was selected as a **Centre for Special Assistance** by U.G.C. (1978), and for **COSIST** (1996), **DSTFIST** (2012) grants.

## Thrust Areas

- i) Chemical kinetics
- ii) Organic Synthesis
- iii) Polymer and Materials Chemistry
- iv) Co-ordination Chemistry
- v) Drug Designing & Medicinal Chemistry
- vi) Anti-HIV drug development
- vii) Quantum Mechanics
- viii) Soil Chemistry

## Programmes of Study

## Courses run by the Department

S.No.	Programme of Study	Duration	Number of Seats	Specialization
1.	D.Phil	5 Years (includes course work	11	All the thrust areas mentioned above
2.	M.Sc.	2 years	218	Organic, Inorganic, Physical, Analytical, and Agricultural Chemistry
3.	B.Sc.	3 Years	1250	Not Required

## Faculty Members and their Area of Research:

S.No.	Name	Designation	Area of Specialization
1.	A.K. Singh	Professor	Physical Chemistry
2.	A.K. Srivastava	Professor	Physical Chemistry
3.	Dinesh Mani	Professor	Agricultural Chemistry
4.	Geeta Watal	Professor	Organic Chemistry
5.	I.R. Siddiqui	Professor	Organic Chemistry
6.	Jagdamba Singh	Professor & Head	Organic Chemistry
7.	Jagdish Prasad	Professor	Inorganic Chemistry
8.	Krishna Srivastava	Professor	Inorganic Chemistry
9.	L.D.S. Yadav	Professor	Organic Chemistry
10.	P.K. Tandon	Professor	Physical Chemistry
11.	R. K. Dubey	Professor	Inorganic Chemistry
12.	R.K. Singh	Professor	Organic Chemistry
13.	R.K.P. Singh	Professor	Inorganic Chemistry
14.	Shekhar Srivastava	Professor	Inorganic Chemistry
15.	Vandana Singh	Professor	Organic Chemistry
16.	Vijay Krishna	Professor	Inorganic Chemistry

## Support staff:

S.No.	Name	Gender	category	Designation/work
1.	S.R.H. Rizvi	Male	Gen.	Office Asstt.
2.	R.K. Gupta	Male	OBC	Jr. Office Asstt.
3.	Shyam Singh	Male	Gen.	Jr. Office Asstt.
4.	S.L. Tripathi	Male	Gen.	Jr. Office Asstt.



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S.No.	Name	Gender	category	Designation/work
5.	R. B. Yadav	Male	OBC	Jr. Office Asstt.
6.	H.K. Dwivedi	Male	Gen.	Technical Assistant
7.	R.K. Shukla	Male	Gen	Technical Assistant
8.	A.K. Bose	Male	Gen	Technical Assistant
9.	A.K. Pandey	Male	Gen	Technical Assistant
10.	S. N. Pramanik	Male	Gen	Technical Assistant (G.B.)
11.	Sanjay Sinha	Male	Gen	Mechanic
12.	S.K. Agrawal	Male	Gen.	Mechanic
13.	Harish Chandra	Male	OBC	Helper Carpenter
14.	Vijay kumar	Male	OBC	Lab Attendant
15.	Ghanshyam	Male	OBC	Lab Attendant
16.	Raj Kumar	Male	OBC	Lab Attendant
17.	Amarnath	Male	OBC	Lab Attendant
18.	Ram Sundar	Male	OBC	Lab Attendant
19.	Nausad Alam	Male	OBC	Lab Attendant
20.	Lalta Prasad	Male	OBC	Lab Attendant
21.	Ishrat Ali	Male	OBC	Lab Attendant
22.	Krishna Bahadur	Male	OBC	Lab Attendant
23.	Hori Lal	Male	OBC	Gas Kuli
24.	Shambu Lal	Male	OBC	Gas Kuli
25.	Chotey Lal Maurya	Male	OBC	Lab Attendant
26.	Sunil Kumar	Male	OBC	Lab Attendant
27.	Prahlad	Male	OBC	Lab Attendant
28.	Sudhir Kumar	Male	OBC	Lab Attendant
29.	Subhash Kumar Yadav	Male	OBC	Lab Attendant
30.	Rameshwar Ram	Male	OBC	Lab Attendant
31.	Mohd. Jalil Ansari	Male	OBC	Lab Attendant
32.	Rama Shanker Mishra	Male	GEN	Pump Operator
33.	Rajesh Kumar	Male	OBC	Lab Attendant
34.	Rakesh Kumar	Male	OBC	Peon
35.	Indrajeet Pal	Male	OBC	M.T.S.
36.	Mool Chandra	Male	OBC	Lab Attendant
37.	Bharat Lal	Male	OBC	Lab Attendant
38.	Phool Chandra	Male	SC	Sweeper

### Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PG (P)	29	30	59	23	13	36	14	09	23	-	-	-	66	52	118
PG (F)	12	15	27	29	21	50	15	07	22	01	-	-	57	43	100
UG															
Diploma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANY OTHER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>41</b>	<b>45</b>	<b>86</b>	<b>52</b>	<b>34</b>	<b>86</b>	<b>29</b>	<b>16</b>	<b>45</b>	<b>01</b>	<b>-</b>	<b>-</b>	<b>123</b>	<b>95</b>	<b>218</b>

**Seminars /Workshops /Conferences conducted by the Department:**

S. No.	Name of the Seminar/Workshop/Conference	National/ International	Duration and dates	Funding Agency	No. of participants	No. of Papers Presented in
1.	Science and Technology for Indigenous Development in India	National	Feb. 19-21, 2016	The Indian Science Congress Association	118	95

**Training /orientation /refresher course/ special lectures conducted by the Department:**

S.No.	Name of the course	Duration & dates	Funding/ sponsor	Speakers
1.	Special Lecture	24 <sup>th</sup> DEC., 2015	ALLD. UNIV.	Prof. S.B. Jonnalgadda, Univ. Of KwaZulu Natal, Durban, South Africa

**Funding received during the period (amount / purpose /agency)**

S.No.	AGENCY (UGC/DST/CSIR/ICSR etc.)	PURPOSE (Infrastructure /upgradation / conference / seminar / training etc.)	AMOUNT (Lacks)
1.	XII Plan Equipment Grant	Equipment	36
2.	Non-Plan (Lab Grant)	Chemical & Glass ware	6.5

**Future Projections**
**Proposed-Projects/SAP Grants etc.**

S. No.	Type of Project/grant	Title/Name	Duration	Proposed Amount (Rs.)	Proposed or in process
1.	Major research project	Recyclable nanoparticle catalysed coupling of electrophilic alkyne with isocyanides yielding vinyl isonitrilium cation intermediate for development of biodynamically significant heterocycles	3 years	28,36,000/-	Proposed
2.	Major research project	Recyclable nanoparticle catalysed synthesis of clinically potent anti-tumor agents via isonitrilium cation intermediate	3 years	25,99,600/-	Proposed
3.	R & D	Tridentate Prodrug Inhibitors of HIV-1 Replication as Effective Chemotherapeutic Agents	3 Yrs	11,42,900/-	In process

**DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES**

**Introduction:**

The Dept. of Defence and Studies established in 1940 has assumed enormous significance in the modern day world and more so in the era of Globalization. This area of study is not only up coming in India but also has become highly relevant for students, researchers, academics and policy makers. The Department will strive to provide a dedicated programme of study for higher education and research.

**Programme of Study**

S.No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	Max. 5 years (includes course work)	14 per Session	Science Technology & National Security, International Relations, Area Studies
2.	M. A./M. Sc.	Two years (Four Semesters)	23 + 5 (Armed Forces Personnel)	Not Required
3.	B. A./B. Sc.	Three Years	583+105=688 (Male +Female) including All Category	Not Required

**Faculty Members and their Area of Reseach:**

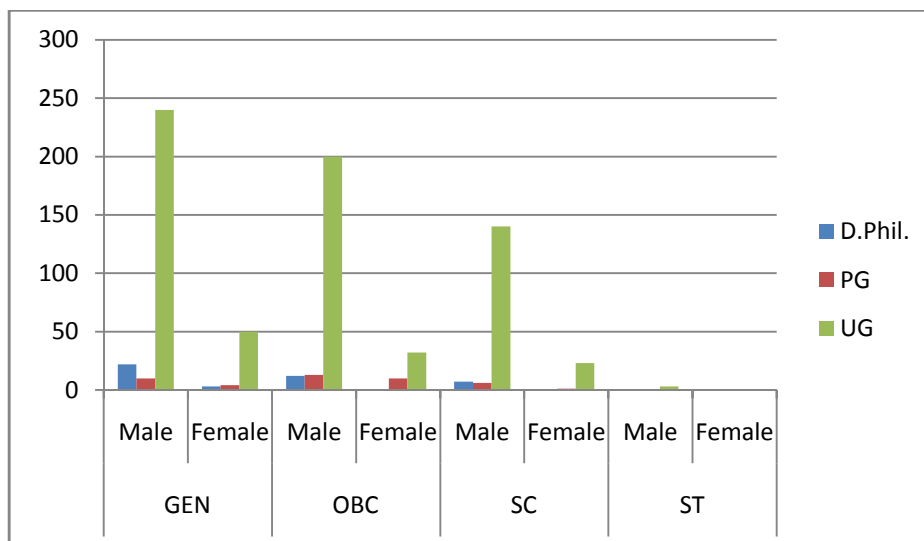
S. No.	Name	Designation	Area of Specialization
1.	Bharti Das	Professor	Legal Aspects of International Relations
2.	Leena Sandilya	Assistant Professor	Area Studies (South Asia)
3.	Madhvendra Nath Varma	Professor	Guirilla Warfare
4.	Prashant Agarwal	Professor	Science Technology & National Security
5.	Raj Kumar Upadhyaya	Professor	Military History
6.	Sanjeev Bhadauria	Professor & Head	International Relations; Peace & Conflict Studies
7.	Shekhar Adhikari	Professor	Strategic Thought

**Support Staff:**

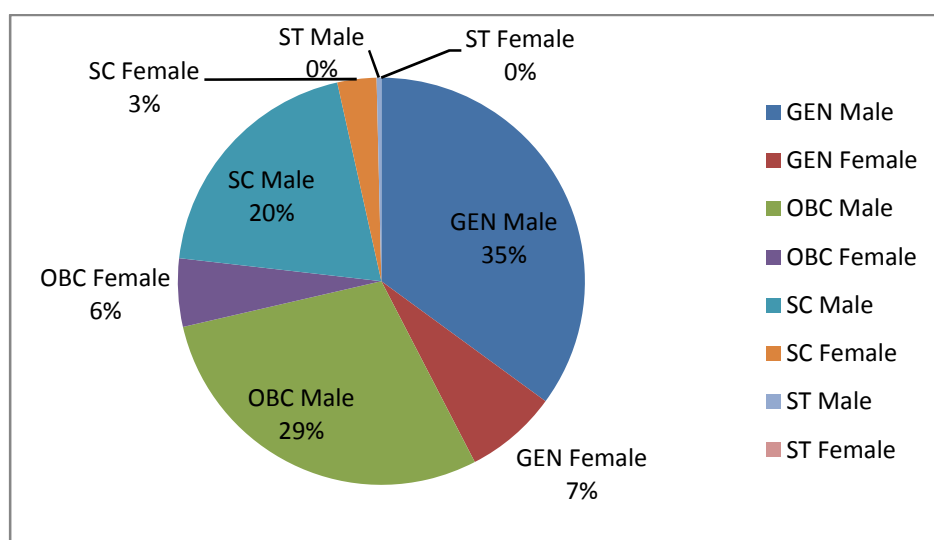
S.No.	Name	Gender	Category	Designation/work
1.	Chandra Dutt Pandey	Male	General	Office Assistant/ Office Related
2.	Ajay Kumar Srivastava	Male	General	Lab Attendant/ Laboratory Related work

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	GEN			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil.	22	03	25	12	0	12	07	0	07	0	0	0	41	03	44
PG	10	04	14	13	10	23	06	1	07	0	0	0	29	15	44
UG	240	50	290	200	32	232	140	23	163	03	0	03	583	105	688
<b>Total</b>	<b>272</b>	<b>57</b>	<b>329</b>	<b>225</b>	<b>42</b>	<b>267</b>	<b>153</b>	<b>24</b>	<b>177</b>	<b>03</b>	<b>0</b>	<b>03</b>	<b>653</b>	<b>123</b>	<b>776</b>



Student Enrollment for the Department of Defence & Strategic Studies



Gender wise distribution of Students

Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No. of Participants	No. of Papers presented
1.	“Effectiveness of Regional Organisations and Role of Media in Conflict Management in South Asia” (Organised jointly with Centre of Media Studies, IPS, University of Allahabad)	International	February 27-28, 2016	Indian Council of Social Science Research (ICSSR), New Delhi	100	35

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No. of Participants	No. of Papers presented
2.	“Challenges to India’s Security from its Neighbours”	National	Two Days/ October 8-9, 2015	Indian Council of Social Science Research (ICSSR), New Delhi	100	30

**Seminars/Workshops/Conferences attended by the Faculty Members:**

**Sanjeev Bhadauria**

- Attended the National Conference on “Higher Education in India for Foreign Students” organized by Indian Council for Cultural Relations (ICCR), New Delhi on March 21- 22, 2016.
- Presented a paper entitled ‘Present Crisis in West Asia with special emphasis to ISIS’ at International Seminar on “*Security Dynamics in West Asia and Turkey*” jointly organized by Dept. of International Affairs, Zirve University, Turkey and Dept. of Civics and Politics, Mumbai University, Mumbai, February 1, 2016
- Presented a paper entitled ‘Challenges before SAARC’ at International Seminar on “*Effectiveness of Regional Organisations and Role of Media in Conflict Management in South Asia*”, organized by Dept. of Defence & Strategic Studies, University of Allahabad, Allahabad and Centre of Media Studies, IPS, University of Allahabad, Allahabad February 27, 2016.
- Presented a paper entitled ‘Role Of Media in Conflict Management in South Asia’, at **International Seminar** on “*Effectiveness of Regional Organisations and Role of Media in Conflict Management in South Asia*”, organized by Dept. of Defence & Strategic Studies, University of Allahabad, Allahabad and Centre of Media Studies, IPS, University of Allahabad, Allahabad February 28, 2016.
- Presented a paper entitled ‘Challenges for Energy Cooperation in South and Central Asia’ at **International Seminar** on “*Cooperative Development, Peace and Security in South and Central Asia*” organized by Centre for Research in Rural and Industrial Development (CRRID, Chandigarh, October 1, 2015).
- Presented a paper entitled ‘India's Strategic Imperative in the South Pacific’ at **National Seminar** on “*Re-conceptualising India's Foreign Policy: Emerging Challenges and Opportunities*” organized by Dept. of Political Science, Banaras Hindu University, Varanasi, May 1, 2015.

**Bharti Das**

- Presented a paper entitled “Media and Conflict Management” at ICSSR sponsored **International Seminar** on “*Effectiveness of Regional Organizations and Role of Media in Conflict Management in South Asia*”, organized by Dept. of Defence & Strategic Studies, University of Allahabad, Allahabad and Centre of Media Studies, IPS, University of Allahabad, Allahabad, February 28, 2016.
- Presented a paper on topic “*Nepal Evam Bhartiya Rashtriya Suraksha*” at one day I.C.W.A. sponsored **National Seminar** on Indo-Nepal Relations: Challenges and Possibilities organized by Department of Defence & Strategic Studies, D.D.U. Gorakhpur University, Gorakhpur, May 29, 2015.

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Special Lecture on “Conflict - Importance, Structure, Stages and its Management, Resolution and Transformation”	January, 12, 2016	—	Maj. Gen. K.K. Pant, Commandant Selection Centre – East Allahabad
2.	Special Lecture on “India & the Asia Pacific: Perspectives and Prospects”	September 11, 2016	University of Allahabad, Allahabad	Dr. Pankaj Jha, Director – Research, Indian Council of World Affairs, New Delhi
3.	UGC Special Summer School on “Human Rights and National security”	June 1, 2015 – June 21, 2015	UGC Human Resource Development Centre, University of Allahabad, Allahabad	Experts in the field

**Training/orientation/refresher courses attended/Delivered Lectures by Faculty Members:**

**Sanjeev Bhadauria**

- Delivered two lectures on ‘Cross Border Terrorism in India’ at 113 Orientation Programme (February 27 – March 20, 2016) at UGC Human Resource Development Centre, University of Allahabad, Allahabad, March 11, 2016
- Delivered two lectures on ‘The Challenge of National Security in India: Linking Human Dimensions’ at Refresher Course in Defence & Strategic Studies (January 16 – February 5, 2016) at UGC Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur, January 28, 2016
- Delivered two lectures on ‘The Dynamics of Internal Security in India’ at 111 Orientation Programme (August 20 – September 11, 2015) at UGC Human Resource Development Centre, University of Allahabad, Allahabad, September 1, 2015
- Delivered two lectures on ‘The Challenge of Human Security in India’ at Special Summer School on Human Rights (June 1 - 21, 2015 ) organised by UGC Human Resource Development Centre, University of Allahabad, Allahabad, June 19, 2015.

**Bharti Das**

- Delivered two lectures on “Human Rights Conditions in Jammu & Kashmir and Article 370” at 111 Orientation Programme (November 20 – December 11, 2016) at UGC Human Resource Development Centre, University of Allahabad, Allahabad, November 28, 2015.
- Delivered two lectures on “Humanitarian Law” and “Human Rights and National Security” at Special Summer School on Human Rights (June 1 - 21, 2015 ) organised by UGC Human Resource Development Centre, University of Allahabad, Allahabad, 15<sup>th</sup> June, 2015
- Delivered two lectures on “Concept of Human Rights” and “Terrorism and Human Rights” at Special Summer School on Human Rights (June 1 - 21, 2015 ) organised by UGC Human Resource Development Centre, University of Allahabad, Allahabad, 8<sup>th</sup> June, 2015

**R. K. Upadhyaya**

- Delivered two lectures at Orientation Course and Refresher Course

**Prashant Agarwal**

- Delivered two lectures at Orientation Course, Refresher Course, Education Department and Orientation Programme at Centre of Media Studies, IPS

**Funding received during the period (amount/purpose/agency):**

S. No.	Agency (UGC/DST/CSIR/ICSR etc.) (including Allahabad University annual grants)	Purpose (Infrastructure/ upgradation/ conference /seminar/ training etc.)	Amount
1.	University Grants Commission Special Assistance Programme (SAP)	Books, Seminar and Research related activities	Rs. 5, 78.908/-
2.	XII Plan Equipment Grant and Non- Lab Grant	Equipment	Rs. 6.00,000/-

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/ International)	Objectives
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S.No.	Name	Nature (National/ International)	Objectives
1.	National Congress for Defence Studies (NCDS)	National	<ol style="list-style-type: none"> <li>To provide a national forum for the promotion and integrated development of Defence and Strategic Studies.</li> <li>To function as a platform for the interaction and interchange of ideas among the members of NCDS, national and international scholars &amp; analyses in the field of Defence and Strategic Studies.</li> <li>to function as a 'centre of information' with regards to Defence and Strategic Studies Literature and a 'think tank' on Security affairs.</li> <li>To publish research Monographs, Journals and other publication in the field of Defence and Strategic Studies.</li> <li>To hold Symposia, Seminars, Congresses and Conferences on relevant and contemporary National and International Strategic issues and themes.</li> </ol>
2.	Society for Peace, Security & Development Studies (SPSDS)	National	<ol style="list-style-type: none"> <li>To publish research Monographs, Journals and other publication in the field of Peace, Security &amp; Development Studies.</li> <li>To hold Workshops, Seminars and Conferences on relevant and contemporary National and International issues and themes related to Peace, Security &amp; Development Studies.</li> </ol>
3.	Peace Research Society (PRC)	National	To publish research Monographs, Journals and other publication in the field of Peace and Conflict Studies.

### Journals published by the department:

S. No.	Title	Nature (National/ International)	Established	Annual/bi-annual /quarterly	ISSN
1.	Indian Journal of Strategic Studies (IJSS)	National	1980	Annual	0973-9386
2.	Journal of Peace, Security & Development	National	1985	Annual	0976-1551
3.	<i>Raksharth</i>	National	1996	Annual	2229-6069

### Future Projections:

#### ❖ Proposed Courses

S. No.	Name of Programme	Nature(Degree/Diploma/training etc.	Duration	Intake of Students	Remarks
1.	Diploma Courses ( <b>Proposed</b> ) Postgraduate Diploma (Semester System)	National Security, Disaster Management & Defence Journalism/Diploma	One year	15 (5 for Armed forces Officers)	Subject to Sanction
2.	Short Term Capsule Course ( <b>Proposed</b> ) Short term capsule courses for security personnel	Internal Security/ Training	4-6 weeks	40 (Para-military & Armed forces Officers)	Subject to Sanction

#### ❖ Other Projections:

Consequent upon the need to upgrade the existing departments of Defence & Strategic Studies to focus more on National Security Studies, the Department wishes to take a lead and proposes a **Centre for National Security Studies** as well.

### Outreach activities:

Memorandum of Understanding (MoUS) are being slated to be signed with the other think tanks for exchange of information's and Scholars viz. National Maritime Foundation (NMF), Centre for Land Warfare Studies, Centre for Air



Power Studies (CAPS), Indian Council of World Affairs (ICWA), Centre for Jungle Warfare Studies (CJWS), Indian Foundation etc.

**Any other information (about the department/Center):**

The Department has completed 75 years of its existence and has continuously producing the highest number of successful NET/ JRF candidates (15 at an average) in the subject of Defence & Strategic Studies in the country.

Our Department's alumni Ms. Priya Singh (First among women candidates), Mr. Pradeep Kumar (Selected for Deputy Collector) and Mr. Abhishek Kumar Rahul (Selected for Deputy Superintendent of Police) at the Uttar Pradesh Provincial Civil Services Examination of the Union Public Service Commission



**Seminar : "Challenges to India's Peace and Security from Its Neighbours"**



**Seminar on : "Role of Regional Cooperation and Media in Conflict Resolution in South Asia"**



## DEPARTMENT OF EARTH &amp; PLANETARY SCIENCES

**Introduction:**

The Department of Earth & Planetary Sciences (Formerly known as Geology & Geophysics) at University of Allahabad was established in 1985, is one of the new centers of Earth Sciences education in the country. Presently, the department offers a four semesters (two-year) course leading to M.Sc. (Applied Geology) Degree. The Department has also started a B.Sc. course in geology from the session 2000-2001. It also offers D.Phil. degree in Earth Sciences. Students, at undergraduate B.Sc. (total seats 37), M.Sc. students (total seats: 15) and D.Phil. are admitted on the basis of an entrance test, conducted by the University. It has a well- maintained library with books acquired through the U.G.C. grants and donations from eminent professors.

The department is actively engaged in teaching of updated courses in Applied Geology to postgraduate students for example Geophysics, Geohydrology, Palaeontology, Sedimentary Geology, petrology, structural, ore geology etc., and also pursuing researches in seismology, geophysics, micropalaeontology, sedimentary geology, petrology, mineralogy, Environmental Geology, etc. carrying out field investigations and collaboration work with different organizations.

Our students excel in academics and have secured top ranks in GATE, CSIR (NET) and JAM examinations at national level examination. Our students are engaged in Ph.D. in leading premier institutes of the country, ISER, IIT, Central Universities etc. Our alumni are serving as faculty members in top-rated institutes in India like the IITs, JNU and BHU etc.

Our students are also performing exceptionally in different professional organisations like, GSI, NHPC, ONGC, MECL, CGWB, THDC, NMDC, ISI, CIL, UPDGM, PRL, NTPC, Reliance Petroleum, Essar Oil, SHELL, Schlumberger etc.

**Thrust Areas:**

1. Seismology, Seismic Hazards, Seismic wave propagation in Earth's heterogeneous media,
2. Marine Micropaleontology, Paleoenvironmental studies,
3. Sedimentary Geology, Palaeoclimatic studies,
4. Experimental Mineralogy & Petrology, Terrestrial Impact Cratering Research, and Geology of Bundelkhand Craton,
5. Geophysics

**Programme of Study**

S.No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	10	Environmental geology, Impact cratering, Geoexploration, Remote Sensing, Earth Landforms and their evolution, Sedimentology, Ore Geology, Palaeontology, Stratigraphy, Geohydrology, Micropaleontology, Geochemistry,
2.	M. A./M. Sc.	02 years	15/year	Applied Geology
3.	B. A./B. Sc.	03 years	38/year	Not Required
4.	Diploma Courses	N/A	N/A	N/A

**Faculty Members and their Area of Research:**

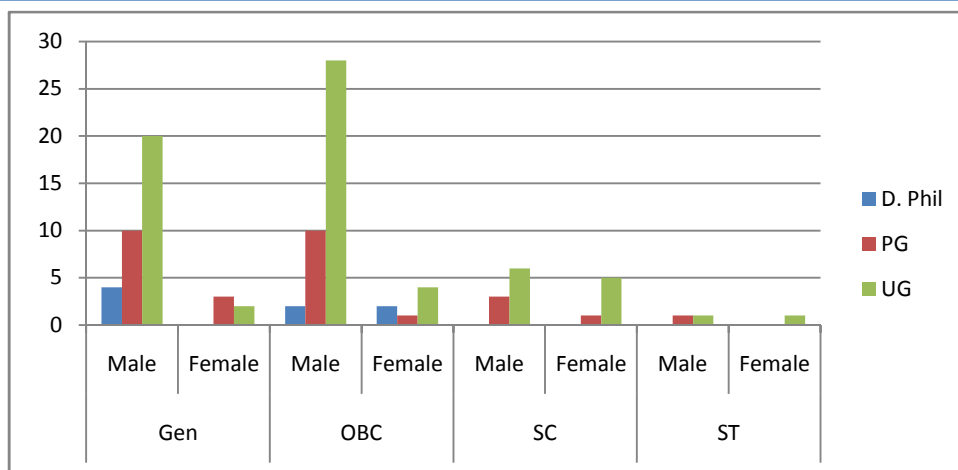
S. No.	Name	Designation	Area of Specialization
1.	A.K. Rai	Professor	Marine Micropaleontology, Paleoenvironmental and Palaeoclimatic studies
2.	J.K. Pati	Professor	Experimental Mineralogy & Petrology, Terrestrial Impact Cratering Research, and Geology of Bundelkhand Craton
3.	J.N. Tripathi	Professor & Head	Geophysics, Seismology, Seismic Hazards,
4.	P. Singh	Assistant Professor	Seismic attenuation, Remote sensing
5.	S.S. Das	Associate Professor	Sedimentary Geology, Palaeoclimatic studies

**Support Staff:**

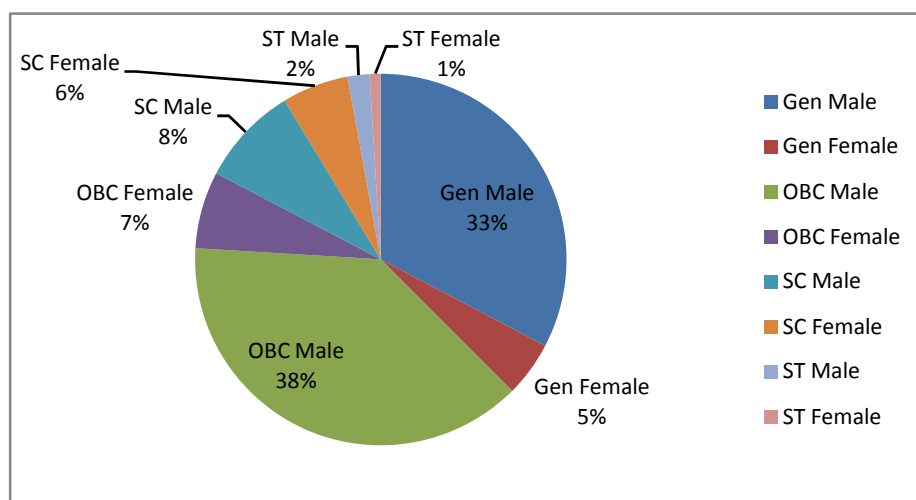
S. No.	Name	Gender	Category	Designation/work
1.	Garun Kumar Mishra	Male	General	Office Assistant
2.	Sita Ram Yadav	Male	OBC	Lab Assistant
3.	Jatan Lal	Male	OBC	Lab Attendent
4.	Vidya Nath	Male	General	Peon

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	General			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	04	-	04	02	02	04	-	-	-	-	-	-	06	02	08
<b>PG</b>	10	3	13	10	1	11	3	1	4	1	-	1	24	5	29
<b>UG</b>	20	2	22	28	4	32	6	5	11	1	1	2	55	12	67
<b>Total</b>	34	5	39	40	7	47	9	6	15	2	1	3	85	19	104



**Student Enrollment for the Department of Earth & Planetary Sciences**



**Gender wise distribution of Students**

**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented
1.	Conference of International Academy of Physical Sciences - XVIII (CONIAPS - XVIII)	International	03 days, December 22-24, 2015	DST, New Delhi	305	215

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/ sponsor	Speakers
1.	Training course on 'Ore Genesis and Mineral Exploration'	One Week, November 03 -09, 2015	Applied for T/A and D/A and remuneration to the University	Dr. B Chattopadhyay, Dy. Director General (Retd.), GSI
2.		Feb.	N/A	Prof. D.K. Sinha, University of Delhi

**Funding received during the period (amount/purpose/agency):**

S.No.	Agency (UGC/DST/CSIR etc.) (Including Allahabad University annual grants)	Purpose (Infrastructure/ upgradation/ conference/seminar/ training etc.)	Amount
1.	DST, New Delhi	conference	Rs. 1,00,000/-

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree/Diploma/training etc.)	Duration	Proposed or In process	Intake of Students	Remarks
1.	M.Sc.Tech. (Exploration Geophysics)	Degree	03 years	Proposed	10	Infrastructure and facilities has to be provided from the University.

**Proposed Projects/SAP Grants etc.**

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process (If proposed enclose copy of proposal)	Remarks
1.	Research project	Spatio-temporal evolution of the TTG gneisses in Budelkhand craton, Central Indian shield and dating of the Dala impact structure	05	75 lakh (approx.)	proposed	

**Seminars/Workshops/Conferences/Special Lectures**

**Jayanta Kumar Pati**

- Chaired a Session (Workshop on Ground Water Prospect of Palaeochannels organized by the Central Ground Water Board, Ministry of WR, RD and GR, Govt. of India; 6th October, 2015)
- Edited Ms. for the Meteoritics and Planetary Sciences, USA, the Bull. Geol. Soc. America, USA, the Geomatics: Natural Hazards and Risks, USA, the Journal Earth System Science, Bangalore (Co-published by Springer),

Current Science, Indian Academy of Science, Bangalore, the Journal Geological Society of India, Bangalore (Co-published by Springer) and Indian Journal of Geosciences (published by the Geological Survey of India).

- Editor, Society for Earth Scientists, India.
- Propagated new areas of research in Planetary Geoscience, mainly involving Terrestrial Impact Cratering Research in the University as well as PLANEX (Planetary Exploration, Deptt. of Space, Govt. of India) Workshop, 2015 organized at the PRL, Ahmedabad as an invited Resource Person.
- Under the flagship proposals of Ministry of Earth Sciences (MoES), Govt. of India, “Cratons and Greenstone Belts: New Approaches using high resolution geochronology”, Professor J.K. Pati has been assigned to undertake studies on “Bundelkhand craton-gneisses”.

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**  
**J.K. Institute of Applied Physics & Technology, University of Allahabad**

**Introduction:**

The Department of Electronics and Communication, J.K. Institute of Applied Physics and Technology is located in the campus of Science faculty of University of Allahabad. Its Foundation stone was laid by late Pt. Jawahar Lal Nehru, the first Prime Minister of India, on April 14, 1949 and it was finally.

**Faculty Members and their Area of Reseach:**

S.No.	Name	Designation	Area of Specialization
1.	Ashish Khare	Associate Professor	M.Sc. Computer Science
2.	C.K.Dwivedi	Professor & Head	Embedded System
3.	J A.Ansari	Professor	Microwave
4.	N.K.Shukla	Professor	Fiber Optics
5.	Nar Singh	Professor	Optical & Digital communication
6.	P.N. Gupta	Associate Professor	Power Electronics
7.	R.K. Srivastava	Associate Professor	Digital Electronics
8.	R.R. Tewari	Professor	Robotics
9.	R.S.Yadav	Associate Professor	Microwave
10.	Rajeev Singh	Associate Professor	Polymer Electrets Micro Electronics
11.	Rajeev Srivastava	Assistant Professor	Micro Processing
12.	T.J. Siddiqui	Associate Professor	M.Sc. Computer Science

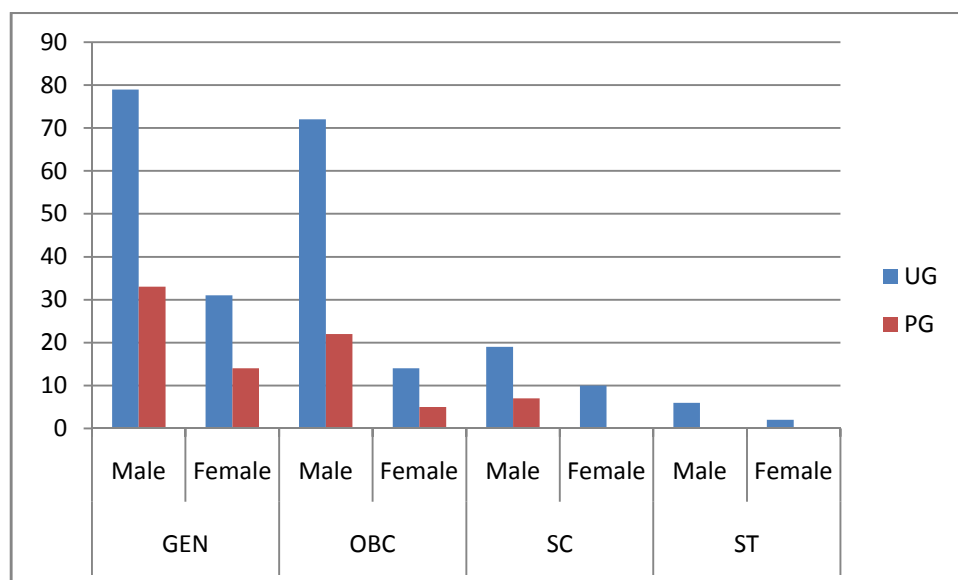
**Support Staff:**

S. No.	Name	Gender	Category	Designation/work
1.	Dinesh Chandra Singh	Male	Gen.	Office Assistant
2.	Awadhesh Kumar Singh	Male	OBC	Sr. Technical Assistant
3.	Ram Awadhesh Rai	Male	Gen.	Sr. Technical Assistant
4.	Balraj Singh Bisht	Male	Gen.	Technical Assistant
5.	Pramod Kumar Pathak	Male	Gen.	Engineer
6.	Saurabh Kumar	Male	Gen.	Drawing & Survey Instructor
7.	Rakesh Trivedi	Male	Gen.	Machine Foreman
8.	Piyush Kr. Mishra	Male	Gen.	Workshop Superintendent
9.	Vidhu Kant Mishra	Male	Gen.	Technical Assistant
10.	Indrajeet Ray	Male	Gen.	Library Assistant
11.	Prayag Dutt Bhatt	Male	Gen.	Technical Assistant
12.	Nalin Kumar Tiwari	Male	Gen.	Technical Assistant
13.	Manoj Kumar Srivastava	Male	Gen.	Technical Assistant
14.	Ravi Kumar	Male		Technical Assistant
15.	Rajesh Kumar Saxena	Male	Gen.	Technical Assistant
16.	Akhilesh Kumar Tiwari	Male	Gen.	Store Keeper
17.	Virendra Kumar	Male		Jr. Mechanic
18.	Vinay Kumar	Male		Carpenter
19.	Shyam Babu	Male	SC	Lab. Attendant
20.	Raj Kumar	Male	SC	Lab. Attendant

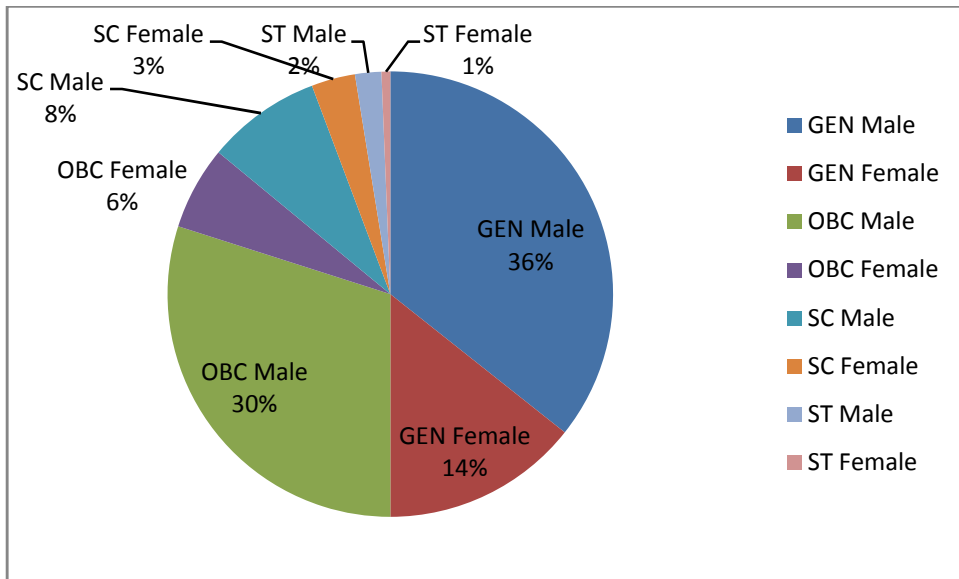
S. No.	Name	Gender	Category	Designation/work
21.	Govind Ballabh	Male	Gen.	Lab. Attendant
22.	Suresh Kumar	Male	SC	Lab. Attendant
23.	Shyam Lal	Male	Gen.	Lab. Attendant
24.	Ashok Kumar	Male	SC	Lab. Attendant
25.	Manoj Kumar	Male	SC	Peon
26.	Shiv Kumar	Male	OBC	Lab. Attendant
27.	Shambhoo Prasad Gond	Male	OBC	Lab. Attendant
28.	Ram Manohar	Male	SC	Peon
29.	Kharak Singh	Male	Gen.	Lab. Attendant
30.	Rajendra Singh	Male	Gen.	Lab. Attendant
31.	Gyanwati Pal	Male	OBC	Lab. Attendant
32.	Sanjay Kumar	Male	SC	Lab. Attendant
33.	Kundan Kumar Bhartiya	Male	SC	Safai Karmchari
34.	Shailendra Kumar	Male	SC	Lab. Attendant
35.	Smt. Poonam Pandey	Female	Gen.	Lab. Attendant

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	GEN			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>UG</b>	79	31	110	72	14	86	19	10	29	6	2	8	176	57	233
<b>PG</b>	33	14	47	22	5	27	7	0	7	0	0	0	62	19	81
<b>Total</b>	<b>112</b>	<b>45</b>	<b>157</b>	<b>94</b>	<b>19</b>	<b>113</b>	<b>26</b>	<b>10</b>	<b>36</b>	<b>6</b>	<b>2</b>	<b>8</b>	<b>238</b>	<b>76</b>	<b>314</b>



**Student Enrollment for the Department of Electronics & Communication**



Gender wise distribution of Students

## DEPARTMENT OF HOME SCIENCE

**Introduction:**

The Department of Home Science was established in 1945, in pre independent India, with the mission of educating Indian Women. At that time a two year course of undergraduate level was initiated in the department. In 1969 the UGC recommended to the University to open post graduate degree for women in Home Science department. At this juncture Prof. Radha Pant was the Head of Home Science. She took the opportunity to establish a Biochemistry Department in the building of Home Science. Gradually all the teachers of Home Science retired and the two departments came to be named as department of Biochemistry and Home Science. In 2000 the Hon Governor of U.P. ordered that the Home Science department to be bifurcated from Biochemistry department. Dr. S. Srivastava took charge in 2003. The department has since then been working with a single permanent faculty. The department runs a 3 year degree course comprising of 16 papers and 14 related practicals. The U.G programme is a skill based programme. It's a multidisciplinary subject having post graduation in four subjects namely:

Currently the department runs P.G in Textile and Apparel Designing. The department has 7 Research Scholars.

**Thrust Areas:**

- Innovative researches on dyes.
- Value added products to enhance health of vulnerable groups.
- Developing skills for entrepreneurship.
- Cutting edge research to help the textile and readymade industry to cope with current needs.

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D.Phil	Max. 5 years (includes course work)	8	Home Science
2.	M.Sc	2 years	15	Textile and Apparel designing
3.	B.Sc	3 years	50	Home Science

**Faculty Members and their Area of Research:**

S. No.	Name	Designation	Area of Specialization
1.	Sangita Srivastava	Professor	Textile and Apparel Designing

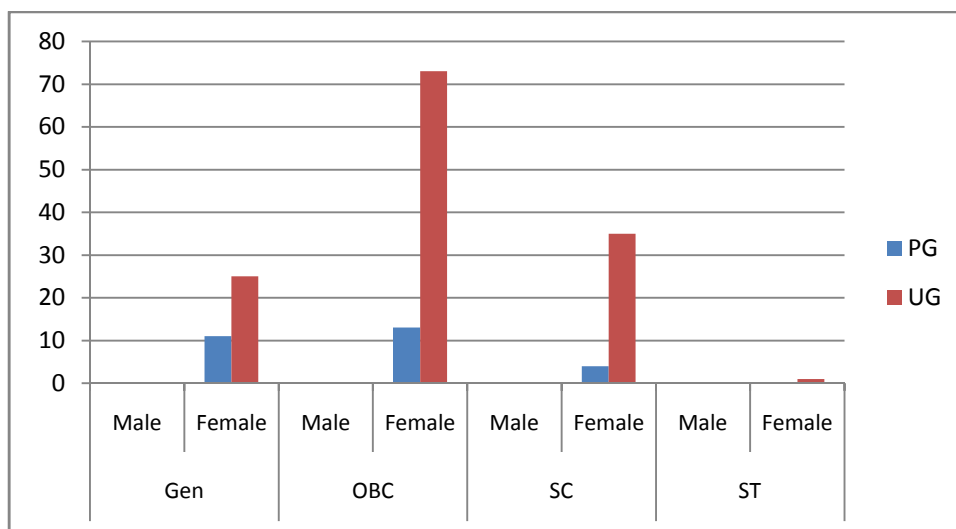
**Support Staff:**

S. No.	Name	Gender	Category	Designation/work
1.	Amarnath	Male	OBC	Lab Attendant
2.	Km Archana	Female	SC	MTS
3.	Kiran devi	Female	OBC	Office Assistant
4.	Maharanideen	Male	OBC	Block Servent
5.	Neeta Srivastava	Female	General	Lab Assistant
6.	Pradeep Singh	Male	General	Parichar

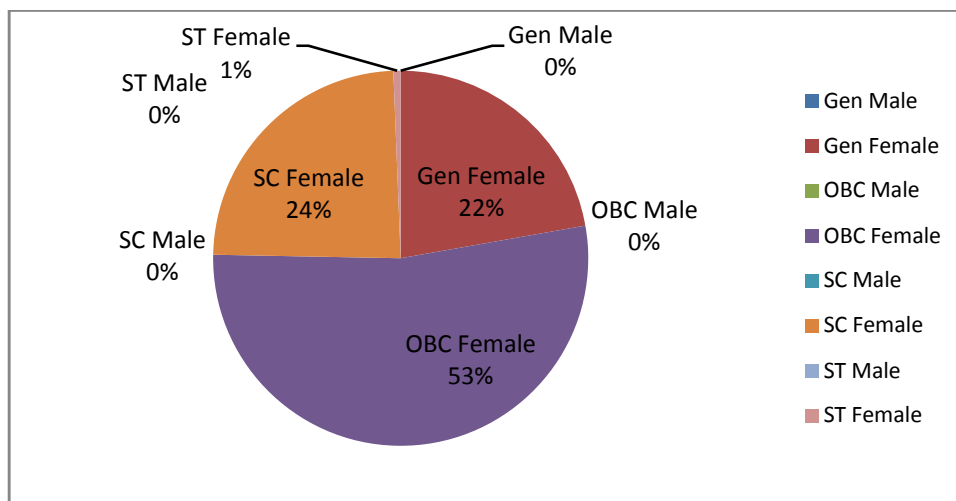


Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
PG	0	11	11	0	13	13	0	4	4	0	0	0	0	28	28
UG	0	25	25	0	73	73	0	35	35	0	1	1	0	134	134
<b>Total</b>	<b>0</b>	<b>36</b>	<b>36</b>	<b>0</b>	<b>86</b>	<b>86</b>	<b>0</b>	<b>39</b>	<b>39</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>162</b>	<b>162</b>



Student Enrollment for the Department of Ancient History



Gender wise distribution of Students

**Seminar/ Workshop/ Conference conducted by the Department/ Centre:**

S. No.	Name of the Seminar/workshop /conference	National /international	Duration and dates	Funding/sponsor Agenc(y/ies)	No of participants	No. of papers presented
1.	Workshop on Mukesh & traditional embroidery		3 days Jan 29 <sup>th</sup> to Feb 1 <sup>st</sup> 2016	Department of Home Science	40	It was skill oriented workshop



**Seminar/Workshop/Conference attended:**

**Workshop:**

1. Author Workshop Jointly Organized by Springer & University of Allahabad on 30<sup>th</sup> October, 2015, attended by Research scholar of the department.

**Conference:**

1. International conference on 3<sup>rd</sup> International congress on gerontology and geriatric medicine held on 26<sup>th</sup> to 29<sup>th</sup> November 2015 New Delhi.
2. International conference on Inter Disciplinary Research in Engineering and Technology organized by ASDF on 12<sup>th</sup> & 13<sup>th</sup> February 2016 New Delhi.

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Dates	Sponsors	Speakers
1.	Training on Richpeace garment CAD & Richpeace fashion & textile CAD	1 week – April 25 <sup>th</sup> to May 2 <sup>nd</sup> 2015	Techno Piece Solutions	Sanjay Nath CEO, Techno Piece Solutions, Hyderabad.

**Training /Orientation/ Refresher course attended:**

- 10 days training on “Perfumery and Aroma-Technology” organized by Fragrance & Flavour Development Centre, A Govt. of India Autonomous Body, Ministry of MSME, Kannauj-U.P. India during March 23<sup>rd</sup> to 27<sup>th</sup> 2015.

**Academic Organizations (headquartered in the department):**

The Home Science department co-ordinates the B.Voc.degree programme (currently running at Hamidia Girls Degree College in Fashion Technology.

It is a skill development programme to run under NSQF (National Sector Skill Frame Work) for which different sector skill councils (SSC’S) have been formed to define NOS (National Occupational Standards) / QPS (Qualification packs) in order to create industry fit students

### Paper presented:

1. Singh, M., Srivastava S., Functional second skin for Elderly Women, presented in 3<sup>rd</sup> international congress on gerontology and geriatric medicine November 26<sup>th</sup> to 29<sup>th</sup> 2015 New Delhi.
2. Kalsy, M., Srivastava S., Dyeing of Silk with *Rosa Centifolia*: an Eco Approach, presented in International conference on inters disciplinary research in engineering and technology organized by ASDF February 12<sup>th</sup> to 13<sup>th</sup> 2016 New Delhi.
3. Singh, M., Srivastava S., Functional Clothing for Renal Failure Patients, presented in International conference on inter disciplinary research in engineering and technology organized by ASDF February 12<sup>th</sup> to 13<sup>th</sup> 2016 New Delhi.
4. Srivastava, S., Srivastava S., Essential oil Impregnation on Wool fabric for Aromatherapy, presented in International conference on inter disciplinary research in engineering and technology organized by ASDF February 12<sup>th</sup> to 13<sup>th</sup> 2016 New Delhi.
5. Singh, R., Srivastava S., Silk dyeing with natural dye extracted from spice, presented in International conference on inters disciplinary research in engineering and technology organized by ASDF February 12<sup>th</sup> to 13<sup>th</sup> 2016 New Delhi.

### Poster presented:

1. Singh, M., Srivastava S., Functional clothing for patients, presented in 3<sup>rd</sup> international congress on gerontology and geriatric medicine November 26<sup>th</sup> to 29<sup>th</sup> 2015 New Delhi.
2. Srivastava, S., Singh, M., Srivastava S., Draping and ageing presented in 3<sup>rd</sup> international congress on gerontology and geriatric medicine November 26<sup>th</sup> to 29<sup>th</sup> 2015 New Delhi.

### Book published:

1. Srivastava, S., (2016), *Vastra Vigyan ka Parichay* ISBN-978-81-85444.51.2 - pages 210, Allahabad, Allahabad central publication.

### Future Projections:

#### ❖ Proposed Courses

S.No	Name of Programme	Nature (Degree/ Diploma/training etc)	Duration	Proposed or in process	Intake of Students	Remarks
1.	Diploma in interior Design	Diploma	6 months	No	10	Permanent faculty is an urgent need of the department.
2.	Diploma in Flower and Foliage decoration	Diploma	6 months	No	10	Permanent faculty is an urgent need of the department.

#### ❖ Other projections:

The department being multidisciplinary in nature, has been imparting a lot to the students. It imparts skills in

- a) Flower arrangements
- b) Interior decoration
- c) Apparel design
- d) Cullinary skills
- e) Communication skills through presentations
- f) Food adulteration testing
- g) Value added products

### Outreach Activities: -

The department of Home Science sends students to some villages in Kaushambi. The students make a survey about the needs of the village women and children. Then some street plays based on themes of malnutrition morbidity, dowry, education of girl child, early marriage and other social problems are scripted and enacted by the students of B.Sc. Home Science part II. India today needs inclusive growth and we have to reach out to our rural counterparts. The department

does it with puppet shows and street plays. The puppet shows are watched with great interest by the children of the school in the village. The school has strength of 1532 children.



Street plays organised on the themes related to malnutrition morbidity, dowry, education of girl child, early marriage and other social problems



Puppet shows are watched with great interest by the children of the school in the village in Kaushambi

**Any other information (about the department/Centre)**

**Patent filed:** Provisional patent no: - (1) 27/DEL/2015, 2) 253/DEL/2015, on natural dyes produced from desi Rose and desi Marigold.

## DEPARTMENT OF MATHEMATICS

**Introduction:**

Established in 1872 and situated in the Muir Central College Campus, the Department of Mathematics, University of Allahabad, is one amongst the oldest and prominent departments of mathematics of Indian Universities. The department offers courses for Undergraduate and Postgraduate degrees and has doctoral programs leading to the D.Phil. degree.

The department frequently organizes specific seminars, symposia and conferences aimed at offering significant and landmark results of value and potential for future work to our students and faculty which, in turn, raises the standard of teaching and education of the subject and prepares them to be capable to collaborate with various other centers of excellence in the country and abroad. The department emphasizes on rigorous teaching and learning exercise throughout the year to all the courses.

**Thrust Areas:**

- Algebra
- Analysis
- Differential Geometry
- Fluid Mechanics

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D.Phil	Max. 5 years (includes course work)	11	
2.	M.Sc.	2 years (4 semester course)	185	1. Algebraic Number Theory 2. Dynamical Systems 3. Finsler Geometry 4. Non-linear Analysis 5. Representation Theory of Finite Groups
3.	B.Sc.	3 years	B.Sc.= 647 B.A.= 61	

**Faculty Members and their Area of Research:**

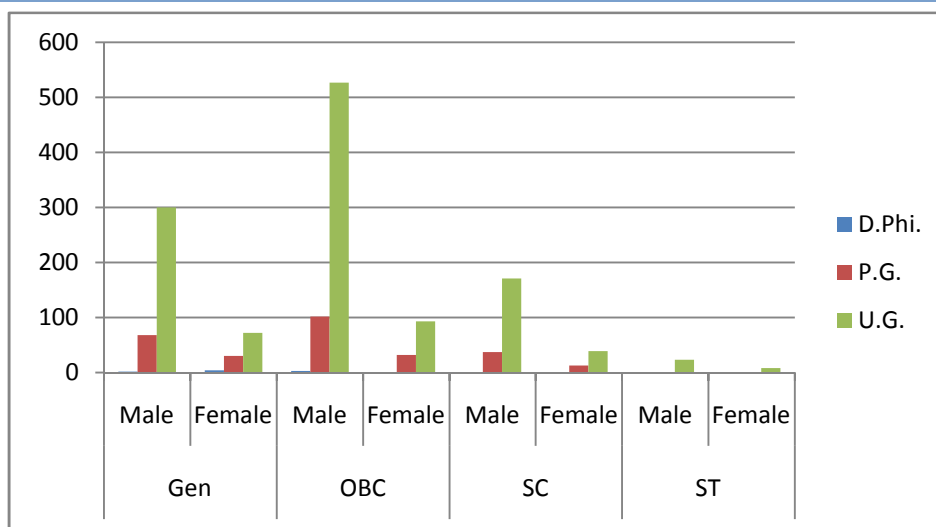
S. No.	Name	Designation	Area of Specialization
1.	A. K. Chaturvedi	Assistant Professor	Algebra (Theory of Rings and Modules)
2.	Anurag Shukla		Analysis
3.	B. K. Sharma	Assistant Professor	Algebra
4.	D.P. Choudhary	Professor	Ring Theory
5.	G. C. S. Yadav	Assistant Professor	Wavelets
6.	Julee Srivastava		Analysis
7.	Mona Khare	Professor	Analysis
8.	Neeta Singh	Professor	Topology and Analysis
9.	P. K. Singh	Professor	Fluid Mechanics
10.	P. N. Pandey	Professor	Differential Geometry
11.	R. P. Shukla	Professor	Algebra (Group Theory)
12.	Ramij Rahaman	Assistant Professor	Quantum Information and Quantum Computation
13.	S. S. Shukla	Associate Professor	Differential Geometry
14.	Sapna Devi	Assistant Professor	Mathematical Modeling
15.	Satya Deo	Associate Professor	Fluid Mechanics

**Support Staff:**

Sl. No.	Name	Gender	Category	Designation /work
1.	Sri Afaq Ahmad	M	OBC	<b>J.O.A.</b> Receiving & dispatch of letters, no dues of students and enrolment of B.Sc. II & III year students & other official work
2.	Sri Shyam Sunder Rai	M	GEN	<b>Library Assistant /</b> Library work, Section allotment/ enrolment of B.Sc. I year students, M.Sc. Semester I,II,III &IV, typing (computer) work, preparation of Attendance Sheet of All Students of the Department (B.Sc. I, II, III, M.Sc. Sem I, II, III,IV& Research Scholars, preparation of award sheets of M.A./M.Sc.Sem. I, II, III, IV Sessional examination, and other official work assigned by Head of the Department.
3.	Sri Ram Lakhan	M	OBC	<b>Lab Attendant/</b> Work of Lab Attendant
4.	Sri Omprakash	M	GEN	<b>Peon/</b> All type of work of class IV
5.	Sri Rajkumar	M	OBC	<b>Book Attendant/</b> Library work, Deliver of dak to different places & opening and closing of Library.
6.	Sri Aziz	M	SC	Sweeper
7.	Sri Dinesh Kumar	M	OBC	<b>Lab Attendant/</b> Computer lab & other official work.

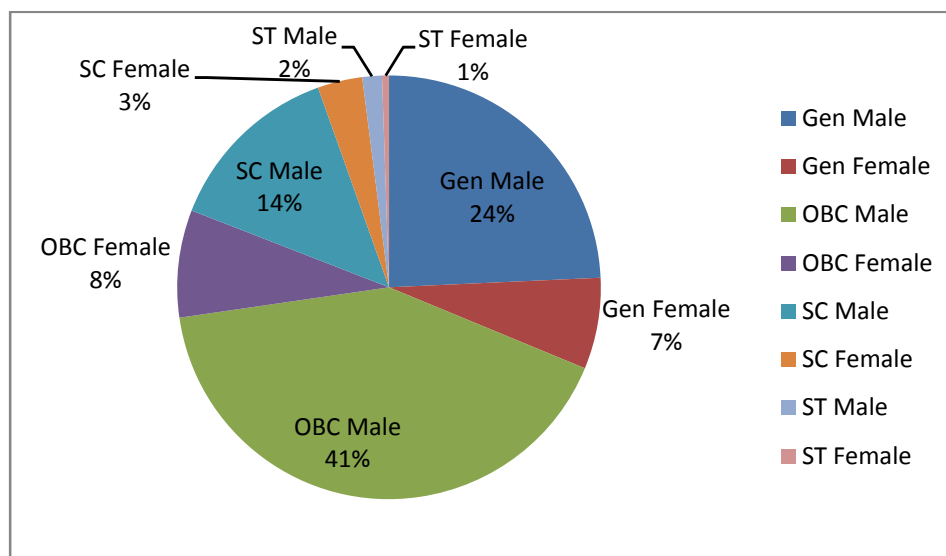
**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	Total
D.Phi.	02	04	06	03	00	03	00	00	00	00	00	00	05	04	09
P.G.	68	30	98	102	32	134	37	13	50	00	00	00	207	75	282
U.G.	300	72	372	527	93	620	171	39	210	23	8	31	1021	212	1233
<b>Total</b>	<b>370</b>	<b>106</b>	<b>476</b>	<b>632</b>	<b>125</b>	<b>757</b>	<b>208</b>	<b>52</b>	<b>260</b>	<b>23</b>	<b>8</b>	<b>31</b>	<b>1233</b>	<b>291</b>	<b>1524</b>



**Student Enrollment for the Department of Mathematics**





Gender wise distribution of Students

**Seminars/Workshops/Conferences conducted by the Department:**

S. No	Name of the seminar/ Workshop/ conference	National/ International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No. of Participants	No. of Papers presented in
1.	Recent Trends in Mathematics	International	July 10-12, 2015	SERB-DST, UGC, CSIR, IMSc., Chennai & IAPS	254	196
2.	CONIAPS-XVIII on Recent Trends in Physical Sciences (organized in collaboration with other dept. of faculty of Science)	International	December 22-24, 2015	Financial matters were dealt by Dept. of Earth & Planetary Science, UoA.		

**Training/orientation/refresher courses/ special lectures conducted by the Department:**

S. No	Name of the Course	Duration and dates	Speakers
1.	Invited Lecture	One hour/ 01 February, 2016	Prof. H.S. Dhama, VC, Kumaun University
2.			

**Funding received during the period (amount/purpose/agency)**

S.No	Funding / Agency	Purpose	Amount
1.	DST-SERB	Conference(ICRTM 2015)	1,50,000/-
2.	IMSc, Chennai	Conference(ICRTM 2015)	25,000/-

## DEPARTMENT OF PHYSICS

### Introduction:

The Physics Department established by renowned scientist Prof. Megh Nad Saha, F.R.S. in 1923. It has produced eminent scientists, ministers and administrators at state and national levels. The academic standard is well recognised by prestigious institutes and laboratories of national & international repute.

### Thrust Areas:

Theoretical Physics and Physics of Materials

### Programme of Study:

S. No.	Programme of Study	Duration	No. of Seats
1.	D. Phil	Max. 5 years (includes course work)	25
2.	M.Sc.	2 years	124
3.	B.Sc.	3 years	500

### Faculty Members and their Area of Research:

S.No.	Name	Designation	Area of Specialization
1.	A.K. Rai	Professor	Laser Spectroscopy, LIBS, PAS, LIF
2.	Asheel Kumar	Assistant Professor	Plasma Physics
3.	K N Uttam	Associate Professor	Molecular Spectroscopy
4.	Lokendra Kumar	Associate Professor	Organic Electronics, Nano Science & Technology, Ion Beam in material Science, thin films
5.	P S Yadav	Professor	Electronic and Solid State Physics
6.	Pratima	Associate Professor	Nano Science & Technology (Material Science)
7.	R. R. Yadav	Professor	Synthesis and Ultrasonic and Thermal Nondestructive Evaluation of Nanomaterials, Single Crystalline materials
8.	Raj Kumar Anand	Assistant Professor	Shock Wave with reference to its applications in engineering & astrophysical problems
9.	Ram Kripal	Professor & Head	ESR/EPR Spectroscopy, Optical Spectroscopy
10.	Ranjana Prakash	Professor	Quantum & Nonlinear Optics, Quantum Information Theory
11.	V.K. Tiwari	Professor	High Energy Physics, Elementary Particle Physics

### Support Staff:

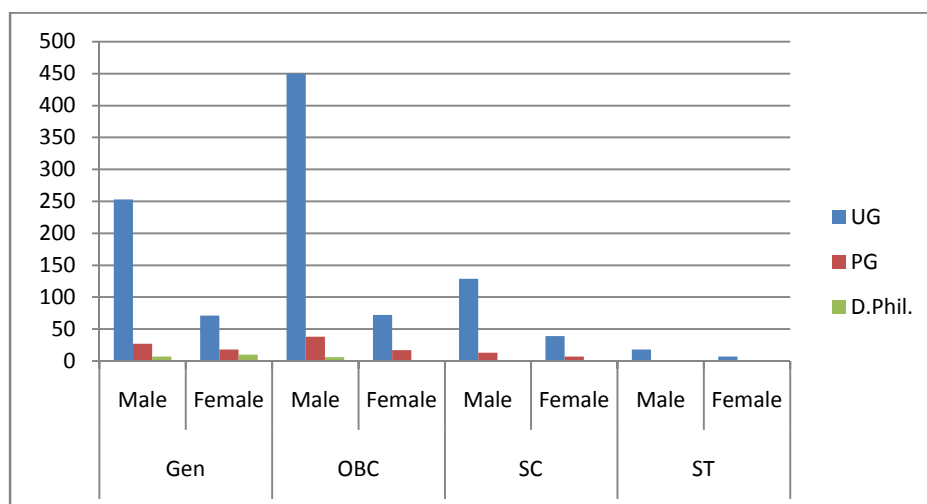
S.No.	Name	Gender	Designation/work
1.	Sri Ajay Singh	Male	Computer Operator : Supervising Virtual and P.G. Computer Lab Computer related works like typing, maintaining Network etc
2.	Sri Prabhat Kumar Mishra	Male	Mechanic: Repairing of the electrical & Mechanical equipments for Labs. in Workshop. Assisting Physics Society all works, enrollment of students, Helps in B.Sc. I, II & III Lab & office work when needed
3.	Sri Kartik Chandra Parmanik	Male	Lab Assistant (GB): Making and repairing glass made apparatus, doing photocopier work
4.	Sri Chandra Shekhar	Male	Mechanic: Workshop related works. , Helps in B.Sc. I, II & III Lab.
5.	Sri Gulab Singh	Male	Workshop training instructor- Workshop training class, all financial accounting works, Purchase
6.	Sri Radha Raman Tripathi	Male	Technical Assistant- Supervising lab, repairing of instruments. All works related to Physics Society
7.	Sri Uma Kant	Male	Office Assistant- Office handling
8.	Sri Prabhu Nath Sharma	Male	Carpenter- Carpentry Work, helps in different labs & workshop training class
9.	Sri Pankaj Kumar	Male	Library Assistant- Handling and supervising library



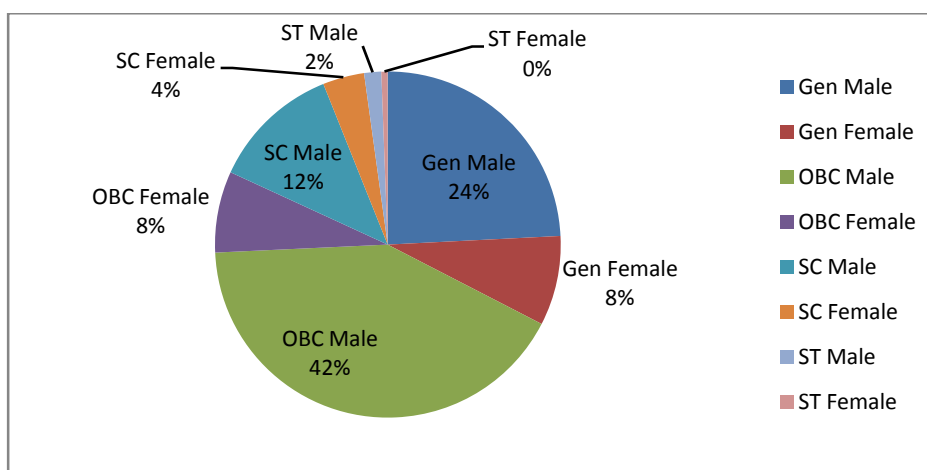
S.No.	Name	Gender	Designation/work
10.	Sri Arun Kumar	Male	Dark Room Assistant- Dark Room Asstt., Work in Photography section, Work in M.Sc. Pre Electronics & B.Sc. I lab
11.	Sri Beni Prasad Mishra	Male	Junior Office Assistant- Assisting office and helping in morning classes from 8 AM
12.	Sri Jai Sarvesh Bharti	Male	Technical Assistant- Repairing of scientific apparatus of different labs, assist in account works of department
13.	Sri Akhilesh Adaval	Male	Technical Assistant- Assisting Physics Society all works, enrollment of students, supervising lab and repairing of instruments, assisting office work when needed
14.	Smt. Pinki Chatterji	Female	Sr. Technical Assistant -To assist CMPR Lab
15.	Sri Lalit Prakash Shukla	Male	Microwave Operator -To Assist Research Work in CMPR Lab
16.	Sri Vigyan Prakash Mishra	Male	Office Assistant -Assisting office
17.	Sri Ved Prakash Mishra	Male	Computer Operator -Supervising PG and Virtual Computer Lab, Computer related works like typing, maintaining Network etc
18.	Sri Pankaj Kumar II	Male	Lab Assistant (Contract)-Enrollment of students, supervising lab and repairing of instruments in B.Sc. III lab
19.	Sri Naresh Kumar	Male	Sweeper -Cleaning of Department and road
20.	Sri Radhey Shyam	Male	Lab Attendant - Cleaning Lab, Minor repairing, soldering etc in respective lab
21.	Sri Hira Mani	Male	Book Attendant - To maintain Library
22.	Sri Nagesh Prasad	Male	Lab Attendant - Cleaning Lab, Minor repairing, soldering etc in respective lab
23.	Sri Chotey Lal	Male	Lab Attendant
24.	Sri Ghanshyam	Male	Lab Attendant
25.	Sri Anand Kumar Gaur	Male	Lab Attendant
26.	Sri Arvind Kumar Singh	Male	Lab Attendant
27.	Sri Lakshmi Kant	Male	Lab Attendant
28.	Sri Kaushal Kishor Yadav	Male	Lab Attendant
29.	Smt. Kamla Devi	Female	Sweeper: Cleaning of Department and road
30.	Sri Mahendra Bahadur Singh	Male	Lab Attendant : Cleaning Lab, Minor repairing, soldering etc in respective lab
31.	Sri Om Prakash	Male	Lab Attendant
32.	Sri Ashok Kumar	Male	Lab Attendant
33.	Sri Rudal Prasad	Male	Lab Attendant
34.	Smt. Kiran	Female	Lab Attendant
35.	Sri Ram Sajeewan	Male	Lab Attendant
36.	Sri Nokhe Lal	Male	Lab Attendant
37.	Sri Gulab Chandra	Male	Peon
38.	Sri Hem Chandra	Male	Lab Attendant

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>UG</b>	253	71	324	450	72	522	129	39	168	18	7	25	850	189	1039
<b>PG</b>	27	18	45	38	17	55	13	7	20	1	0	1	79	42	121
<b>D.Phil.</b>	7	10	17	6	1	7	1	0	1	0	0	0	14	11	25



**Student Enrollment for the Department of Physics**



**Gender wise distribution of Students**

**Seminars/Workshops/Conferences conducted by the Department:**

S.No.	Name of the Seminar/workshop/conference	National/International	Duration and dates	Funding/sponsor Agenc(y/ies)
<b>1.</b>	Light Quanta: Modern Perspective & Applications	International	Dec, 14-16, 2015	DST, BRNS, DRDO, ISRO, IMS, Chennai

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	DST, New Delhi	Conference	1.5 Lakhs
2.	DST, New Delhi	Conference	8.0 Lakhs
3.	BRNS, Mumbai	Conference	0.50 Lakh
4.	DRDO, New Delhi	Conference	1.00 Lakh
5.	ISRO, Bangalore	Conference	0.75 Lakh
6.	Institute of Mathematical Science, Chennai	Conference	3.0 Lakhs

**Seminars/Workshops/Conferences/Special Lectures:**

**Lokendra Kumar**

- Invited to present the Innovation on next generation solar cells in the meeting of national innovation clubs in Innovation Festival – 2016 at Rashtrapati Bhavan, New Delhi on 15 March 2016.

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree/Diploma/training etc.	Duration	Proposed or In process	Intake of Students
1.	M.Sc. in Material Science	Degree	2 Years	In process	20

## DEPARTMENT OF STATISTICS

### Introduction:

The Statistics unit came into existence in 1968 as a part of Department of Mathematics and Statistics. The unit really became functional with the appointment of three regular teachers of Statistics in 1974 under the esteemed leadership of outstanding statistician and researcher in the field of Bayesian Reliability Analysis, Professor Samir K. Bhattacharya. On August 21, 2000, the Department of Mathematics and Statistics was separated and Department of Statistics came into existence.

### Thrust Areas:

1. Econometrics
2. Data Mining
3. Time Series
4. Reliability and Survival Analysis
5. Mathematical Demography
6. Bayesian Statistics
7. Order Statistics and Non parametric inferences

### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)		<ul style="list-style-type: none"> <li>• Linear Models, Econometrics,</li> <li>• Bayesian Time Series</li> <li>• Reliability Analysis</li> <li>• Stochastic Modeling</li> <li>• Mathematical Demography</li> <li>• Survival Analysis</li> <li>• Order Statistics and Non parametric inferences</li> </ul>
2.	M. A./M. Sc.	2 years (four semester)	31	
3.	B. A./B. Sc.	3 years	71	Not Required

### Faculty Members and their Area of Reseach:

S. No.	Name	Designation	Area of Specialization
1.	AnoopChaturvedi	Professor	Econometrics, Linear Models, Quality Control, Time Series, Bayesian Reliability Analysis
2.	Anup Kumar	Assistant Professor	Stochastic Modeling, Mathematical Demography
3.	Pramendra Singh Pundir	Assistant Professor	Reliability and Survival Analysis, Bayesian Statistics
4.	S. Lalitha	Professor	Order Statistics and Non parametric inferences

### Support Staff:

S. No.	Name	Gender	Category	Designation/work
1.	SandeepYadav	M	OBC	Office Assistant
2.	Badri Vishal Sharma	M	General	Peon
3.	Rama Kant Mishra	M	General	Peon

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	7	3	10	2	0	2	0	0	0	0	0	0	9	3	12
<b>PG</b>	31	13	44	17	5	22	6	2	8	0	0	0	54	20	74
<b>UG</b>	41	15	56	43	6	49	12	4	16	0	1	1	96	26	122
<b>Total</b>	79	31	110	62	11	73	18	6	24	0	1	1	159	49	208

**Seminars/Workshops/Conferences conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No. of Participants
1.	Workshop on Understanding Statistics through Ms-Excel and SPSS		1 week & 31 August 2015 to 05 September, 2015		45
2.	National workshop on Understanding Statistics through Ms-Excel and SPSS	National	1 week & 07-12 September, 2015	University of Allahabad	40

**Funding received during the period (amount/purpose/agency):**

S. No.	Agency	Purpose	Amount (in Rs)
1.	University of Allahabad	Infrastructure (XII Plan grant)	9.0 Lakh
2.	University of Allahabad	Lab grant	1.5 Lakh
3.	University of Allahabad	Workshop	30,000

**Seminars/Workshops/Conferences/Special Lectures:**

**Anup Kumar**

- Organized a Workshop on Understanding Statistics through Ms-Excel and SPSS during 31 August-05 September, 2015 at Department of Statistics, University of Allahabad.

**Pramendra Singh Pundir**

- Organized “National workshop on understanding statistics using MSEXCEL and SPSS” during 6-12 Sept, 2015.

**Future Projections:**

- ❖ **Proposed Courses:**The department does not have any plan to start new courses in near future. However, to strengthen the software and computational skills for handling big data, it has been planned to develop computer lab exclusively for PG and research students well equipped with high-end server.
- ❖ **Proposed Projects/SAP Grants etc.:**The department does not have required number of faculty to apply for the SAP/FIST grant. In future, if more faculty members join the department, we will apply for SAP and FIST grants.

## DEPARTMENT OF ZOOLOGY

**Introduction:**

The Department of Zoology is one of the oldest Departments of University of Allahabad. The Department came into existence in the year 1906 with Prof. F.M. Howlett in the chair. He was succeeded by the world renowned Entomologist, Prof. A.D. Imms. The Department not only flourished but reached the zenith of glory under the able stewardship of Prof. W.N.F. Woodland, Prof. D. R. Bhattacharya, Prof. M.D.L. Srivastava and Prof. U.S. Srivastava.

Apart from quality teaching the Department has been in the forefront in scientific research. The faculty members are actively involved in research, publishing high quality research papers in national and international journals with high impact factor like Springer, Elsevier, Wiley's and Cambridge journals. A lot of contribution has been made in the field of neurobiology under the supervision of Prof. U.C. Srivastava who has been recently awarded Emeritus Scientist by UGC, New Delhi. Insect endocrinology is another thrust area of research being pursued under the supervision of Prof. Krishna Kumar to explore the effect of hormones/juvenoids for insect pest management. Prof. S. K. Malhotra has contributed in the field of parasitology and is currently involved in the xenobiotics of parasites. Another faculty member Dr. Banlata Mohanty is actively engaged in the fields of neuroendocrinology, endocrine pharmacology, endocrine and immunotoxicity and neuroendocrine immunology and has published many papers in journals of high impact factor. Prof. R. S. Pandey has made significant contributions in the field of Biochemistry. Prof. Anita Gopesh is associated with quality research in Fish and Fisheries. Dr. K. P. Singh has made important contributions in the field of Fish & Fisheries and Neurobiology. A number of research projects funded by various agencies like UGC, DST, DBT (Govt. Of India) have been supervised by faculty members. The Department has the privilege of being accorded the status of SAP by UGC and FIST by the DST, Govt of India, New Delhi.

**Thrust Areas:**

- Neurobiology
- Insect Endocrinology
- Neuroendocrinology
- Biochemistry
- Fish & Fisheries
- Parasitology

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	36	Entomology, Cell biology, Environmental Biology, Fish & Fisheries, Neurobiology, Biochemistry, Parasitology
2.	M. A./M. Sc. M.Sc Agricultural Zoology & Entomology	2 years  2 years	62  15	Entomology, Cell biology, Environmental Biology, Fish & Fisheries,, Parasitology
3.	B. A. / B. Sc.	3 years	308	

**Faculty Members and their Area of Reseach:**

S. No.	Name	Designation	Area of Specialization
1.	Anita Gopesh	Professor	Fish & Fisheries
2.	Banalata Mohanty	Professor	Endocrinology
3.	K.P.Singh	Associate Professor	Neurobiology
4.	Krishna Kumar	Professor & Head	Entomology, Insect Endocrinology
5.	R.S.Pandey	Professor	Biochemistry
6.	Sandeep K. Malhotra	Professor	Parasitology

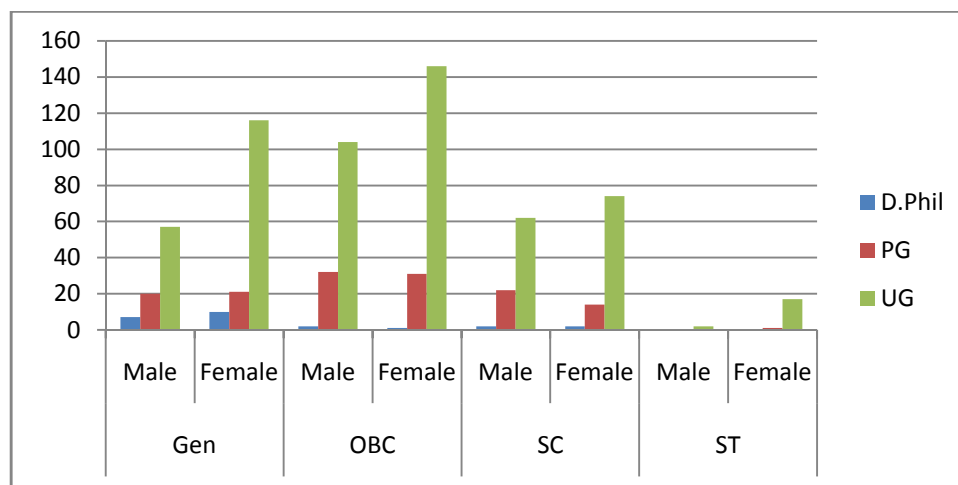
**Support Staff:**

S.No.	Name	Gender	Category	Designation
1.	Dr. Gajraj Singh	Male	OBC	Field Assistant
2.	Dr. Mohammad Ali	Male	GEN	Sr. Technical Assistant
3.	Mr. Ajay Kumar Asthana	Male	GEN	Sr. Technical Assistant
4.	Mr. Ramesh Chandra Ojha	Male	GEN	Jr. Office Assistant
5.	Mr. Anand Kumar	Male	OBC	Carpenter
6.	Mr. Sanjay Kumar Mauray	Male	OBC	Store Keeper
7.	Mr. Sheshbal Mishra	Male	GEN	Lab Attendant
8.	Mr. Raj Kumar	Male	SC	Lab Attendant
9.	Mr. Harish Chandra	Male	SC	Lab Attendant
10.	Mr. Pradeep Kumar	Male	SC	Lab Attendant
11.	Mr. Dileep Kumar	Male	SC	Lab Attendant
12.	Mr. Chhedi Lal	Male	OBC	Lab Attendant
13.	Mr. Surender Singh Bisht	Male	GEN	Lab Attendant
14.	Mr. Ashok Kumar	Male	OBC	Lab Attendant
15.	Mr. Basant Lal	Male	OBC	Lab Attendant
16.	Mr. Banwari Lal	Male	SC	Animal Catcher
17.	Mr. Raju	Male	SC	Sweeper

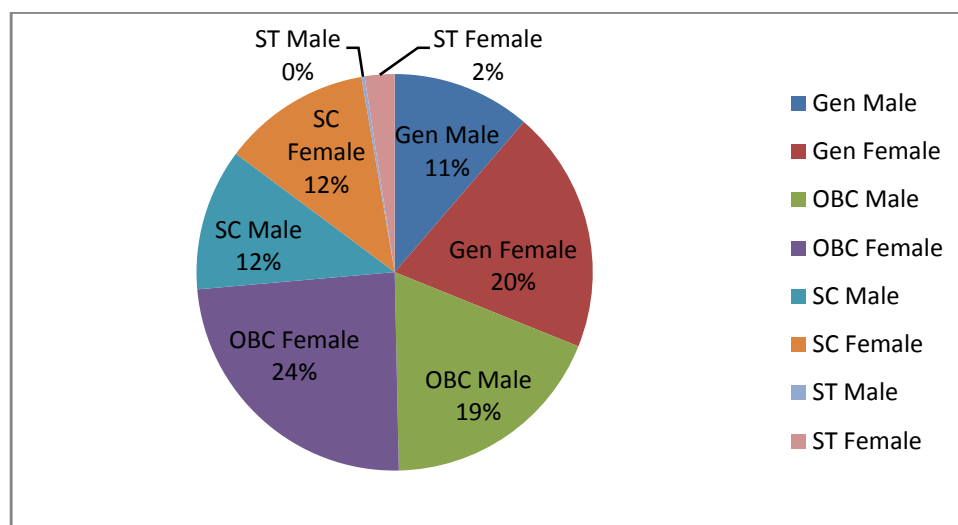
**Student:**

**Gender distribution of Students for various social categories (2015-16)**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil	07	10	17	02	01	03	02	02	04	00	00	00	11	13	24
PG	20	21	41	32	31	63	22	14	36	00	01	01	74	67	141
UG	57	116	173	104	146	250	62	74	136	02	17	19	225	353	578
<b>Total</b>	<b>84</b>	<b>147</b>	<b>231</b>	<b>138</b>	<b>178</b>	<b>316</b>	<b>86</b>	<b>90</b>	<b>176</b>	<b>02</b>	<b>18</b>	<b>20</b>	<b>310</b>	<b>433</b>	<b>743</b>



**Student Enrollment for the Department of Zoology**



Gender wise distribution of Students

**Training/orientation/refresher courses/special lectures conducted by the Department:**

- Lecture on “How can pollution be reduced” with emphasis on vermiculture by Prof O. P. Agarwal, Former Vice-Chancellor, Jiwaji University, Gwalior, in the Old Lecture Theatre of the Department on Sept, 17, 2015.

**Funding received during the period (amount/purpose/agency):**

S. No.	Funding Agency	Purpose	Amount
1.	Allahabad University Zoology Lab grant 2015-16	Chemicals/cpsumables	Rs 4,00000=00 (Rs four lakhs only)
2.	Allahabad University Agricultural Zoology & Entomology Lab grant 2015-16	Equipments/consumables for Ag.Zoology & Entomology	Rs 1.50 lakhs only
3.	Allahabad University XII Plan grant 2015-16	Equipments	Rs 24,00000=00 (Rs twenty four lakhs only)

**Other Publications (books etc.):**

- Tripathi, S., **Gopesh, A.**, Joshi, K.D. and Dwivedi, A.C. (2015).Size composition, exploitation pattern, sex ratio and sex structure of *Eutropiichthys vacha* (Hamilton, 1822) from middle stretch of the river Ganga at Allahabad, India.In: Advances in Bio-Sciences and Technology. Eds. K.B. Pandeya, A.S. Mishra, R.P. Ojha, A.K.Singh. pp. 116–120 ISBN: 978-81-926925-9-3

**Future Projections:**

The Department has already implemented semester programme in M.Sc Zoology course. It is proposed to start new courses with the addition of new faculty members.



## INSTITUTE OF INTERDISCIPLINARY STUDIES

### CENTRE OF BIOINFORMATICS

#### Introduction:

University of Allahabad a premier Central University has been successfully running a number of Important postgraduate teaching and/or research programs in frontline thrust areas treading on interdisciplinary and cross-disciplinary approaches. One of these important courses offered at the University, under institute Interdisciplinary Studies, is a prestigious and challenging Masters program in Bioinformatics. Bioinformatics is a very fast developing field projecting synergy between natural and modern biological sciences, between biological sciences and information technology. Incepted in 2002 the Bioinformatics program has entered successfully into 15<sup>th</sup> academic batch. A number of its graduated Master's students are pursuing doctoral research at prestigious Universities abroad having received Italian, German, Dutch, Korean, Japanese and Czech Government fellowships.

The Bioinformatics Program offered is quite unique in that it is rigorous with its credit-based course covering latest areas in bioinformatics. Specifically beneficial to the students from both Physics-Mathematics and Biological sciences stream, it is aimed to transform the students into trained bioinformatics with adequate theoretical and practical knowledge for investigating and addressing a number of key biologic questions.

The Centre of Bioinformatics provides a Bioinformatics infrastructure Facility (BIF) with financial support from Department of Biotechnology. Supported by grants from DBT and innovative Program of UGC the Centre is equipped with modern Bio-Computing and Molecular Biology laboratories. The Centre also offers Doctoral Program in Bioinformatics.

#### Thrust Areas:

Applied Biotechnology, Computer-Aided Drug Design, Molecular Dynamics of Bioinformatics, Applied Bioinformatics, Data Mining and warehousing of Biological Data, Computer Modeling and simulation.

#### Programme of Study:

S. No.	Programme of Study	Duration	No. of Seats
1	D. Phil	5 years (includes course work)	04
2	M. Sc.		20

#### Faculty Members and their Area of Reseach:

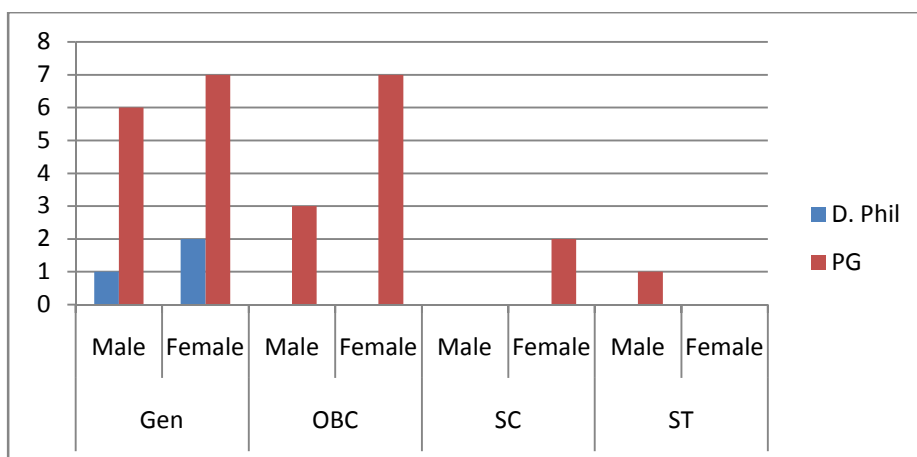
S. No.	Name	Designation	Area of Specialization
1.	Anup Som	Assistant Professor	Computational Biology
2.	Pramod Katara	Assistant Professor	Pharmacogenomics

#### Support Staff:

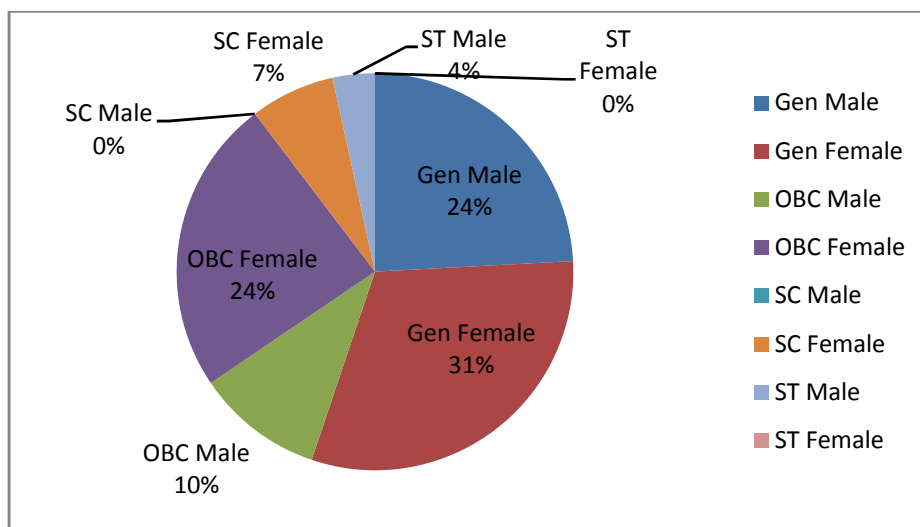
S. No.	Name	Gender	Category	Designation/work
1.	Swadesh Pandey	M	Gen	Office Assisitt
2.	Mr. B.K.Shukla	M	Gen	Peon
3.	Mr. Gyan Chandra	M	SC	Lab Attentent

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D. Phil</b>	1	2	3	0	0	0	0	0	0	0	0	0	1	2	3
<b>PG</b>	6	7	13	3	7	10	0	2	2	1	0	1	10	16	26
<b>Total</b>	7	9	16	3	7	10		2	2	1	0	1	11	18	29



**Student Enrollment for the Centre of Bioinformatics**



**Gender wise distribution of Students**

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	UGC- Equipment Grant	Equipments	8.00Lacs
2.	UGC- Lab Grant	Lab purpose	0.50Lac

## CENTRE OF BIOTECHNOLOGY

### Introduction:

The mission of Centre of Biotechnology at University of Allahabad is to expose and train the students (M.Sc and D.Phil) in a multidisciplinary area (Biotechnology, Microbiology, Biochemistry, Molecular Biology, Immunology and Genetic Engineering). The Centre is aiming to perform high quality research in the area of, cyanobacteria, metagenomics, mushroom biotechnology, stem cell biology, bioremediation, nanobiotechnology, bio-fuel and biophysics.

### Thrust Areas:

The Centre of Biotechnology has a vision to develop a "Centre for Excellence" to create a Biotech hub and Entrepreneur Park. Centre has identified the following nine research areas as priority areas in individual sectors:

- Cyanobacterial Biotechnology
- Mushroom Biotechnology
- Metagenomics
- Polar Biology
- Biofuel
- Stem Cells biology
- Probiotics
- Nanobiotechnology

These areas have been identified keeping in mind the current and future burning issues that have a direct bearing on the health, nutrition, environment and agriculture of the world in general and India in particular. Priority areas in individual sectors would be assessed from time to time to ensure optimal utilization of existing resources for biotechnology applications.

### Programme of Study

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	NA	10 (2-per faculty per year)	Given in thrust area
2.	M.A/ M.Sc.	02	19	Biotechnology
3.	B.A/B.Sc.	NA	NA	Not required

### Faculty Members and their Area of Research:

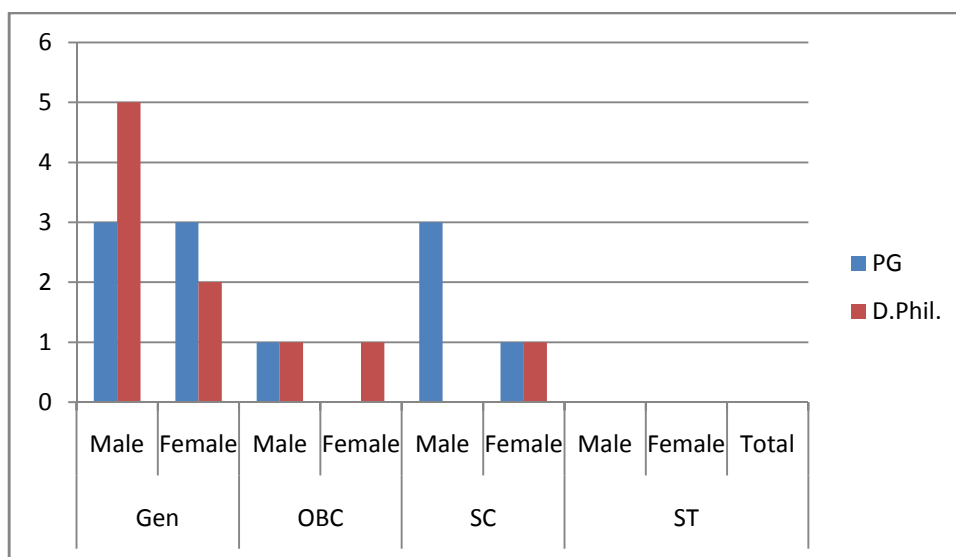
S. No.	Name	Designation	Area of Specialization
1.	Ashish Kumar Singh	Assistant Professor	Metagenomics, Microbiology and Immunology
2.	Awadh Bihari Yadav	Assistant Professor	Targeted Drug Delivery and Nanotechnology
3.	Mohan Prasad Singh	Professor	Molecular Biology and Mushroom Biotechnology
4.	Shanthy Sundaram	Professor	Algal& Plant Biotechnology, Immunology of Kala Azar
5.	Vinod Verma	Assistant Professor	Stem Cell Biology, Cardiomyogenesis and Reproductive Biotechnology

### Support Staff:

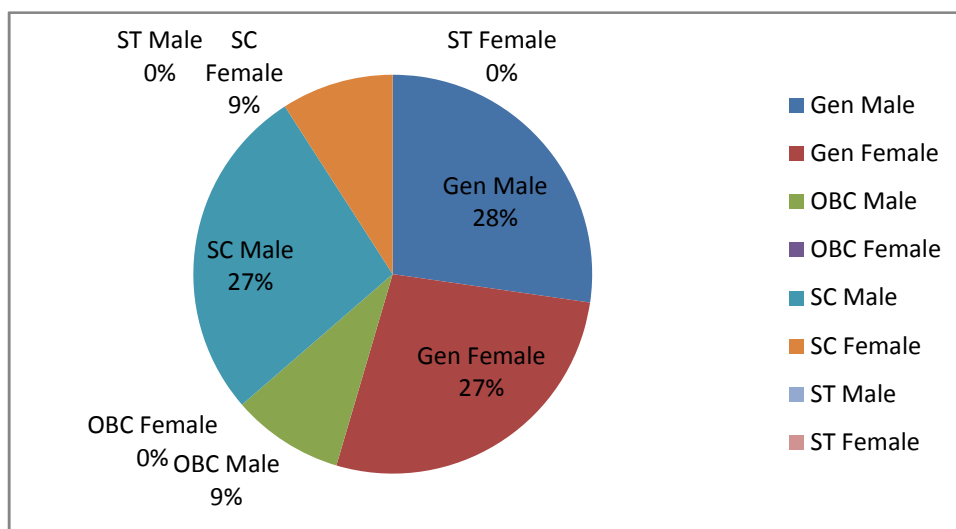
S. No.	Name	Gender	Category	Designation/work
1.	Devi Prasad	Male	OBC	Office assistant
2.	Nidhi Pandey	Female	General	MTS
3.	Ram Niranjana	Male	General	Peon
4.	Kamla Devi	Female	OBC	Block Servant

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>PG</b>	3	3	6	1	0	1	3	1	4	0	0	0	8	4	12
<b>D.Phil</b>	5	2	7	1	1	2	0	1	1	0	0	0	6	4	10



**Student Enrollment for the Centre of Bio-technology**



**Gender wise distribution of Students**

**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/ workshop/conference	Funding/ Sponsor Agenc(y/ies)	National / International	No. of Participants	No. of Speakers
1.	Biokumbh 2016- A National Conference on recent trends and advances in biotechnology was organized by centre of Biotechnology on dated 20-21 <sup>st</sup> of February 2016.	DST, DRDO, DBT	National	200	30

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Dates	Funding/Sponsor	Speakers
1.	“The Biotechnology: Its birth, to- day and its future in a connected world”	20-21 <sup>st</sup> Feb 2016	CBT	Prof. Raymond J. Wegmann(France)
2.	“Role of a scientist in developing chemical, biological and nuclear sensors”	31 <sup>st</sup> October 2015	CBT	Prof. N.B Singh(USA)

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree/Diploma/ training etc.	Duration	Proposed or In process	Intake of Students	Remarks
1.	Global Initiative of Academic Network (GIAN) on Nanobiotechnology & applications in targeted drug delivery towards translation to the clinic topic	Lecture-cum-training on lab techniques	2 week	Submitted	20-25	Under Review
2.	Global Initiative of Academic Network (GIAN) on Non-coding RNA, Gene Polymorphisms and RNA interference role in Human disease topic	Lecture- cum - training on lab techniques	2 week	Approved	20-25	Approved 6.3 Lakh

**CENTRE FOR THEATRE & FILM**

**Introduction:**

The Centre for Theatre & Film was established in the year 2010 (inaugurated by the then vice chancellor Prof. Rajen G. Harshe). The centre has pioneering initiatives in the Asian Region because of its Pan Asian focus. The centre offers Post Graduate Degree (Master of Arts) to total 20 students and Admissions are conducted through an all-India test followed by interviews.

**Thrust Areas:**

The thrust areas of the centre are as follows:

- Direction
- Cinematography
- Editing (Film)
- Sound Recording
- Screenplay Writing
- Acting

**Programmes of Study:**

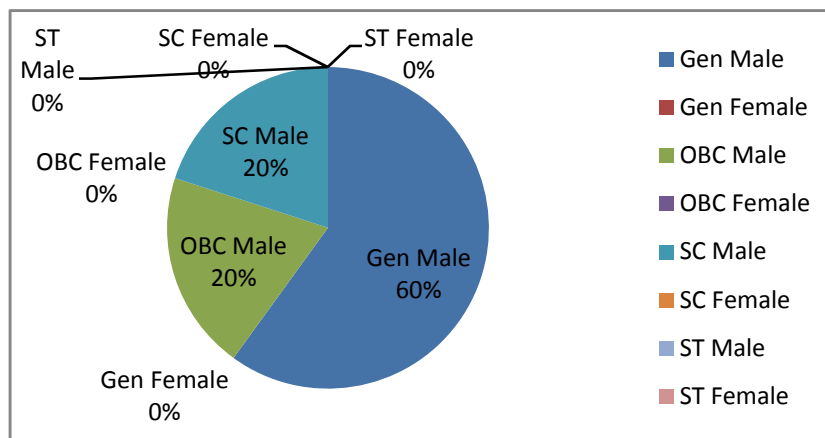
S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	M. A./M. Sc.	2 years	20	Above mentioned in the thrust areas.

**Support Staff:**

S. No.	Name	Gender	Category	Designation/work	Status
1.	Mr. V. K. Mishra	M	Gen	Computer Operator	Permanent
2.	Mr. Jai Prakash	M	SC	Technical Assistant	On Fixed Salary
3.	Mr. Arjun	M	OBC	Peon	Permanent

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
PG	3	-	3	1	-	1	1	-	1	-	-	-	5	-	5



**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature	Duration	Intake of Students
1.	M. A. in Cinematography, Editing, Direction, Screenplay writing, Animation and Visual Effects	PG	2 years	20
2.	Diploma in Cinematography, Editing, Direction, Screenplay writing, Animation and Visual Effects	Diploma	1 year	20

**Funding received during the period (amount/purpose/agency):**

Sl.No.	Funding Agency	Purpose	Amount (Rs.)
1.	University of Allahabad	For NAOP Conference	40,000/-
2.	ICSSR	For NAOP Conference	4,50,000/-
3.	ICSSR	For Seminar	1,00,000/-
4.	ICMR	For Seminar	40,000/-

**CENTRE FOR WOMEN'S STUDIES**

**Introduction:**

Centre for Women's Studies was sanctioned by UGC in February, 2010. I was inaugurated on 6<sup>th</sup> of August, 2010 and soon after its establishment, a Finance Committee, a Steering Committee and a Board of Studies were constituted and a tentative plan regarding the activities of Centre was drawn up. The Centre offers a Diploma course and is in pursuit of starting Master's Degree course as well in the field of Women and Gender Studies.

**Thrust Areas:**

The thrust areas for research are:

- Women and Law
- Women's Health and Legal awareness,
- Gender sensitization etc.

Apart from these research and teaching activities, the Centre thrives in organizing various outreach programmes in the above mentioned areas.

**Programmes of Study:**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	Diploma Courses	3 months	20	Understanding Gender

**Faculty Members and their Area of Research:**

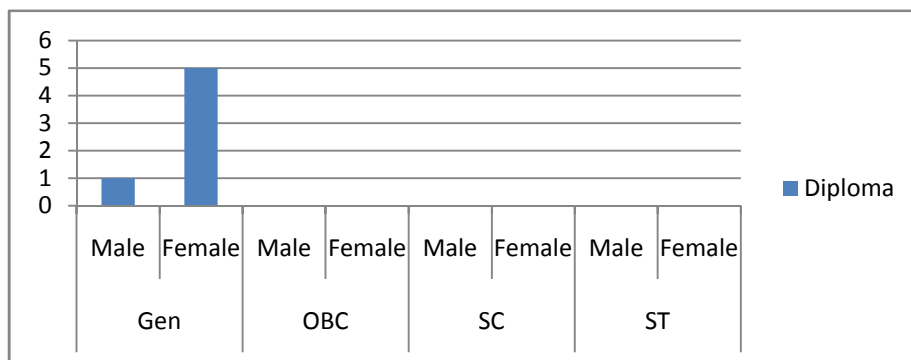
S. No.	Name	Designation	Area of Specialization
1.	Prof. Smita Agrawal	Director	

**Support Staff:**

S. No.	Name	Gender	Category	Designation/work
1.	Mr. Sudheer Kumar Gupta	M	OBC	Junior Office Assistant
2.	Mr. Dheeraj Gaud	M	OBC	Peon
3.	Dr. Ruchika Verma	F	GEN	Research Associate
4.	Mr. Farhan Javed	M	OBC	Data Entry Oerator

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Diploma</b>	1	5	<b>6</b>	-	-	-	-	-	-	-	-	-	<b>1</b>	<b>5</b>	<b>6</b>



**Student Enrollment for the Centre of Women's Studies**



**Seminars/Workshops/Conferences conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	Workshop on “Women and Law”	N	One Day, 21 <sup>st</sup> Aug, 2015	UGC	200	3 sessions

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Relevance of Gender Analysis	2 <sup>nd</sup> Feb. 2016	UGC	Dr. Sadhna Nathu, Modern College, University of Pune
2.	Women in Hindi Film Industry	20 <sup>th</sup> Feb. 2016	UGC	Ms. Shefali Bhushan, Film Writer & Director

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature	Duration	Proposed or In process	Intake of Students	Remarks
1.	Master’s Degree (M. A. )	Degree	2 Years Four Sem.		15	

**Any other information (about the department/Center)**

- The Infrastructure provided to the centre is very much limited as it accommodates no more than 25 students it becomes difficult to organize lectures for more numbers of students.
- The Centre does not have a washroom facility and the staff has to go very far for that purpose.
- Funding comes late from UGC.
- The Centre needs Assistant Professors and Associate Professors to run the M. A. Course.
- The Centre needs more space to run the M.A. Course.

## CENTRE FOR GLOBALIZATION AND DEVELOPMENTAL STUDIES

### Introduction:

Centre for Globalization and Development Studies is a pioneering centre at the University of Allahabad, a Central University, established by an Act of the Indian Parliament, to study and research phenomena and processes of globalization and development with inter-disciplinary approaches. Globalization is being viewed with varieties of perspectives ranging from epistemological, analytical and critical to grassroots civil society and public action across the world. Sometimes, it is simply viewed as polemic and semantic. Of late, this phenomenon has assumed enormous significance, which necessitates its critical examination from multi-disciplinarian perspectives as it tends to influence each and every domain of our life either in a minor or major way. This is also seen as a shaping factor of the world in the twenty-first century as it could lead to restructuring of the global order, economies and societies having implications on the overall development discourse/s, especially since the end of the Cold War. At the same time, contemporary ideas of development are also undergoing process of redefinitions in all fields of intellectual enquiry as well as leading to debates and dissents. These processes affect not only economic development of the countries through integration of capital but also bear implications for human development, discourses of rights and entitlements and boundaries of nation-states. Furthermore, it is equally important to get engaged from the point of the developing societies like India and others. Currently, these societies are undergoing various processes of transformation that require in-depth enquiry so as to understand its relevance not only for academicians, researchers and policy makers but also for general people at large.

### Faculty Members and their Area of Reseach:

S. No.	Name	Designation	Area of Specialization
1.	Pradeep Kumar Sharma	Lecturer	Democracy, Decentralization, Social Movements, Agrarian Studies, Land Reforms, National and International Policies on Trade and Agriculture, Tribal Studies, Social Development, Civil Society, State Politics, Governance and Public Action
2.	Santosh Kumar	Lecturer	Health, Ethnicity, Conflict, Population, Regional Economics and Environment
3.	Subhash Shukla	Assistant Professor	Indian Foreign Policy, Indian Political System, International Relations, South Asia and Social Justice
4.	Sumit Saurabh Srivastava	Lecturer	Sociology of Development, Political Sociology and Gender Studies
5.	Virendra Pal Singh	Professor	Rural Development, Globalization, Tribal Development, Media

### Other publications:

S. No.	Title	Author(s)	Publication	ISBN
1.	Globalization and Transnational Women's Activism: Some Preliminary Observations	Sumit Saurabh Srivastava	Kamlesh Gupta (ed): Social movements and state in new global era. K.K. Publications, New Delhi	ISBN 978-81-7844-227-3
2.	UN Security Council Resolution 1325: Towards Engendering Peacebuilding Process	Sumit Saurabh Srivastava	Review of Politics	Vol.:L XXIII, ISSN 0872-1436
3.	Report of the International Conference on "Disability Studies in India: Reflections on Future" [6-7 February, 2015]	Sumit Saurabh Srivastava	Indian Anthropologist	Vo. 54, No.: 2. ISSN/ISBN No. : 0970-0927

S. No.	Title	Author(s)	Publication	ISBN
4.	Emerging Sexualities, Movement and Rights	Sumit Saurabh Srivastava	Women's Studies, Paper 5, Unit 7, Module 32	Web link: <a href="http://epgp.inflibnet.ac.in/ahl.php?csrno=456">http://epgp.inflibnet.ac.in/ahl.php?csrno=456</a>
5.	Theories on gender	Sumit Saurabh Srivastava	Women's Studies, Paper 5, Unit 7, Module 19	Web link: <a href="http://epgp.inflibnet.ac.in/ahl.php?csrno=456">http://epgp.inflibnet.ac.in/ahl.php?csrno=456</a>
6.	Development and World Order	Dr. Subhash Shukla	Political Discourse	Vol.no. 2 Dec., 2015 ISSN 23952229
7.	United Nations and Peace	Dr. Subhash Shukla	Indian Journal of Strategic Studies	Vol. XXXIII, 2015, ISSN 0973-9386
8.	Vaishvikaran aur Rashtra Rajya	Dr. Subhash Shukla	Navrachna	Dec. 2015, ISSN 2454-2458
9.	Wither Globalisation?	Dr. Subhash Shukla	Globalisation and Human Security : Issues and Challenges	Satyam Publishing House, New Delhi, 2015, ISBN 978-93-83754-96-0

## K. BANERJEE CENTRE OF ATMOSPHERIC AND OCEAN STUDIES

### Introduction:

The research in the area of Climate Dynamics Modelling has been started in the University of Allahabad with the establishment of twin centres namely K. Banerjee Centre of Atmospheric and Ocean Studies (KBCAOS) and M. N. Saha Centre of Space Studies (MNSCOSS) in the year 2000 and 2001 respectively with the financial support from National Centre of Atmospheric and Ocean Research (NCAOR), Goa (Ministry of Earth Science (MoES)) and Indian Space Research Organization (ISRO) under the academic leadership of Dr Avinash C Pandey. The faculties associated with these centres have successfully completed projects fundings of more than Rs. 5.00 crores. KBCAOS participated in the scientific expedition to Southern Ocean/Antarctica on board R/V Akademik Boris Petrov (ABPetrov) in 2006 and 2009 to obtain surface, atmospheric and oceanic data of southern ocean. KBCAOS and MNSCOSS has multi-disciplinary and multi-institutional character, which made them national centers working in close collaboration with other national/international institutions involved in Ocean and Atmosphere modelling research. Several scholars have already obtained doctoral degree from the centers in a wide variety of topics dealing with Mathematical Modeling of Atmosphere and Ocean and are well placed in the academic and research institutions of its repute. UGC has recognized KBCAOS and MNSCOSS as centers with potential of research excellence and established new permanent Department/Centre of Atmospheric and Ocean Science (AOS) at University of Allahabad, which came in existence on 29<sup>th</sup> October, 2009. The state-of-the art computing facility is available to perform Atmospheric and Ocean Modeling at AOS/ KBCAOS/ MNSCOSS. The department/centre has High Performance Computing (HPC) having one master node and 17 Compute nodes. In addition to this the department/centre has multiprocessor workstations of SGI, USA and HP.

Faculties of the department/centre are well exposed and trained at leading national and international institutions of its excellence as evidenced from their bio-data. The AOS has active research collaboration with International Centre for Theoretical Physics (Italy), Centre for Ocean-Land-Atmosphere Studies (COLA), USA and John Hopkins University, USA.

### Thrust Areas:

- Ocean Circulation modeling
- Chaos and non linear dynamics
- Data diagnostic studies for climate research
- Indian Monsoon
- Climate Change
- Predictability of Atmosphere and Ocean
- Data Assimilation
- Ocean Modeling and Dynamics of Indo- Pacific Ocean
- Remote Sensing & GIS Applications in Water Resources and Environmental Pollution

**The Centre signed Memorandum of Understanding (MoU) with National Centre for Medium Range Weather Forecasting (NCMRWF), Ministry of Earth Sciences, Noida and Indian Meteorological Department (IMD), Ministry of Earth Sciences, New Delhi.**

### Programmes of Study:

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	2-Max. 5 years (includes course work)	08	
2.	M. Tech. in Earth System Sciences	2 years	15	Atmospheric and Ocean Science

**Faculty Members and their Area of Reseach:**

S. No.	Name	Designation	Area of Specialization
1.	A. C. Pandey	Professor	Ocean Circulation modeling, chaos and non linear dynamics, data diagnostic studies for climate research, climate change.
2.	S. K. Singh	Assistant Professor	Remote Sensing & GIS Applications in Water Resources and Environmental Pollution
3.	Shailendra Rai	Assistant Professor	Ocean circulation modeling, predictability of coupled models
4.	Suneet Dwivedi	Associate Professor	Predictability of Atmosphere and ocean, Ocean circulation modeling & Data Assimilation, Chaos and Non- Linear Dynamics
5.	V. K. Pandey	Assistant Professor	Ocean Modeling and Dynamics of Indo- Pacific Ocean

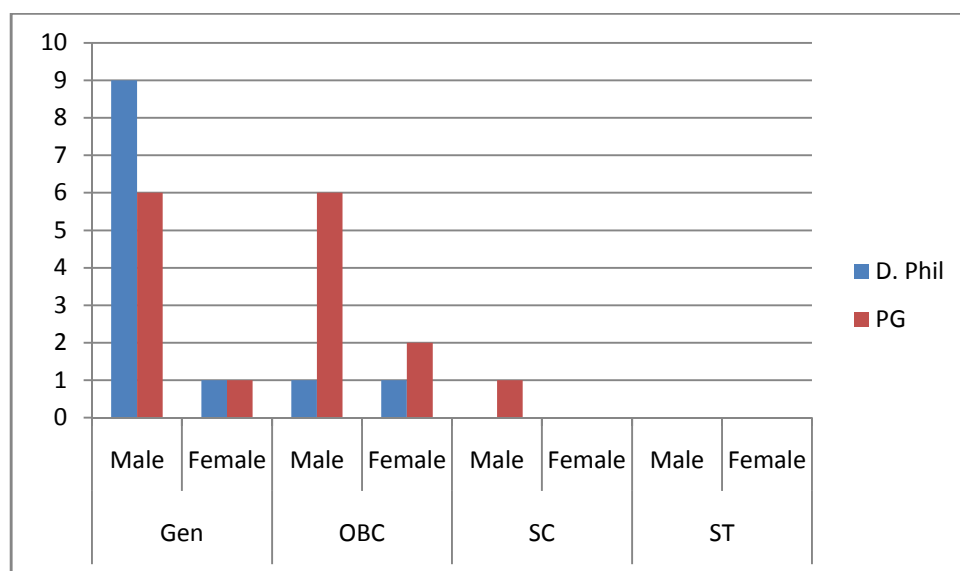
**Support Staff:**

S. No.	Name	Gender	Category	Designation/work
1.	Mr. Bibhuti Pandey	Male	GEN	Office Assistant
2.	Mr. Harikesh Singh	Male	GEN	Class IV
3.	Mr. Aakash Kumar	Male	GEN	Class IV

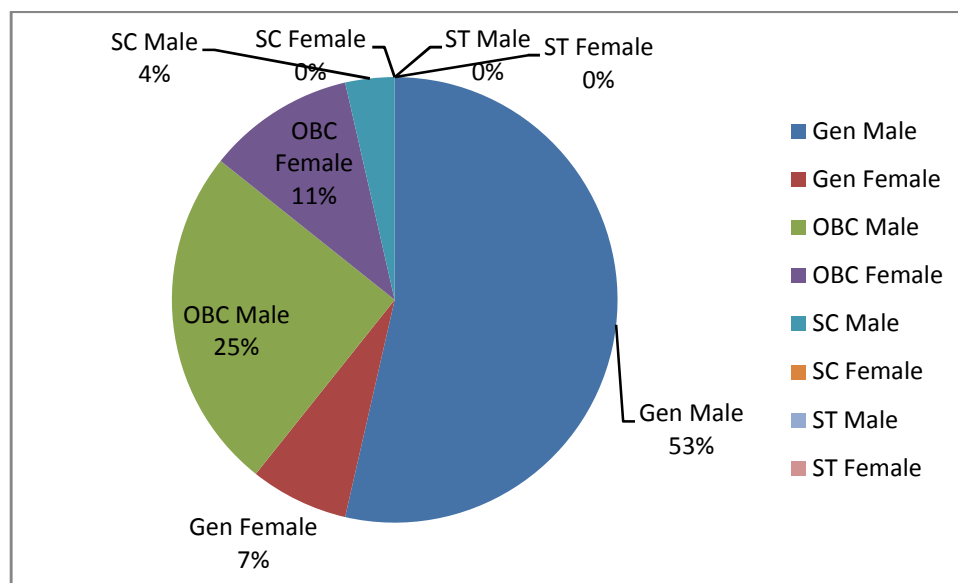
**Students:**

**Gender distribution of Students for various social categories (2015-16)**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D. Phil	09	01	10	01	01	02	00	00	00	00	00	00	10	02	12
PG	06	01	07	06	02	08	01	00	01	00	00	00	13	03	16
<b>Total</b>	15	02	17	07	03	10	01	00	01	00	00	00	23	05	28



**Student Enrollment for the K. Banerjee Centre of Atmospheric and Ocean Studies**



Gender wise distribution of Students

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding /sponsor	Speakers
1.	Refresher Course in "Climate Change"	27/02/2016 to 15/03/2016	UGC-HRDC	Dr. A. K. Sahai, IITM, Pune Dr. Ashish K. Mitra, NCMRWF, Noida Dr. K. K. Singh, Indian Meteorological Department, New Delhi Dr. Ratan Kar, Lucknow Dr. M. N. Tripathi, Bilaspur University, Chhattisgarh Dr. Ramesh K Yadav, IITM, Pune Prof Rajiv Bhatla, Banaras Hindu University, Varanasi Prof S K Dash, Centre of Atmospheric Science, IIT New Delhi Prof. K.Ashok, University of Hyderabad

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree/Diploma/training etc.	Duration	Proposed or In process	Intake of Students
1.	Integrated MPhil/MTech/DPhil program	Degree with the provision of lateral entry and exit option	Min 2 Years Max 5 years	In process	15

**Awards and Honors**

**A. C. Pandey**

- Joined the Department on 25th December 2015 after successfully completing tenure of Vice Chancellor of Bundelkhand University Jhansi, UP, INDIA.
- Delivered Lectures at Academic Staff College, Allahabad and BHU Varanasi, Kanpur University, UPRTOU, IIT Gwalior, Jiwaji University, Gwalior, Amity University, Gwalior, CAFRI, Jhansi, IGRI, Jhansi and other Universities

- Member, UPSC Selection Board
- Chairperson, NAAC Peer Team for assessment and accreditation of Kalasalingam University
- Chairperson, NAAC Peer Team for assessment and accreditation of Jagannath University, Jaipur
- Review meeting Accelerator Facilities at Kurukshetra
- Adjunct faculty of Michigan Tech University from October 1-2015 to September 30, 2018.

#### Suneet Dwivedi

- *Awarded German Academic Exchange Service (DAAD), Germany fellowship: "Research Stays for University Academics and Scientists" Nov – Dec 2015*
- *Research Visit: "High-Resolution Southern Ocean Sea Ice Modeling Around the Indian Antarctic Stations", Alfred Wegener Institute (AWI), Bremerhaven, Germany, Nov 16 – Dec 15, 2015.*
- *Research Visit: Training programme on NEMOVAR, Met Office, Exeter, UK, March 16-31, 2015.*
- *Invited Talk: "Unified Mechanism of ENSO control on Indian Monsoon Rainfall", Annual Monsoon Workshop-2015 & National Symposium on Understanding and Forecasting the Monsoon Extremes, IITM, Pune, 23-24 Feb 2016.*
- *Invited Talk: "Investigating Predictability of Atmosphere Using Techniques of Nonlinear Dynamics", National Symposium on Atmospheric Science and Climate Change, Department of Physics, Udai Pratap College, Varanasi, 18 Feb 2016.*
- *Invited Talk: "Disaster Management in the Context of Climate Change-Part II: special emphasis over Indo-Gangetic regions", UGC-HRDC Refresher Course on Disaster Management, University of Allahabad, Allahabad, 18 Jan 2016.*
- *Invited Talk: "Disaster Management in the Context of Climate Change-Part I", UGC-HRDC Refresher Course on Disaster Management, University of Allahabad, Allahabad, 11 Jan 2016.*

#### Shailendra Rai

- Attended advanced school and workshop on "Subseasonal to Seasonal (S2S) Prediction and Application to Drought Prediction (SMR 2714)" held at International Center of Theoretical Physics (ICTP), Trieste, Italy during 23<sup>rd</sup> November 2015 to 04<sup>th</sup> December 2015.
- Participated in two day workshop on "Designing, transacting and assessing Courses using Moodle-MOOC Platform" during 27-28 June, 2015 at University of Allahabad.
- Chaired a session and delivered three lectures in 18<sup>th</sup> International Conference of International Academy of Physical Sciences (CONIAPSXVIII) during 22-24 December, 2015 organized by Faculty of Sciences, University of Allahabad.
- Delivered an Invited lecture in National Seminar on Atmospheric and Climate Change at UP College, Varanasi on 18<sup>th</sup> February, 2016.

#### Vivek Kumar Pandey

- Attended and delivered a talk in International Multistream Conference-2015 on Technology & Life, Organized by Chief Khalsa Deewan Institute of management and Technology, Taran, Punjab on 8 November 2015.
- Attended and delivered in Climate Change and Sustainable Development (CCSD) 2015 organized by BBA (A Central) University, Lucknow during 23-24, Novemver, 2015.
- Attended and delivered in Variability of Tropical Indian Ocean and Indonesian throughflow has been accepted for CONIAPS 2015 conference organized by University of Allahabad, Allahabad, India. 22 to 24 December, 2015
- Attended and delivered in National Symposium on Understanding and Forecasting the Monsoon Extremes" during February 23-24, 2016, IITM Pune.

#### Sudhir Kumar Singh

- Presented a paper in 6<sup>th</sup> International conference on Technology Innovation and Management For Sustainable Development (TIMS-2016) (February 11-13, 2016) at ITM University, Gwalior, MP, India.

## CENTRE OF MATERIAL SCIENCES

**Introduction:**

**Centre of Materials Sciences** came into the existence on 29<sup>th</sup> Oct 2009. Centre is running M.Sc. in Materials Science and D. Phil. (Ph.D.) programmes. Centre work in the Interdisciplinary areas of Physics, Chemistry and Engineering of Materials (including Bio-Materials).

**Thrust Areas:**

- Soft Materials including Liquid Crystals,
- Energy Materials,
- Multi Functional & Nano Materials

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	10	Soft Materials including Liquid Crystals, Energy Materials, Multi Functional & Nano Materials
2.	M. Sc.	2 year	15	1. Multifunctional Materials and Devices 2. Nanomaterials and Carbon Nanostructure 3. Liquid Crystal Materials for Displays 4. Magneto Resistive and Battery Materials

**Faculty Members and their Area of Research:**

S. No.	Name	Designation	Area of Specialization
1.	Brajendra Singh	Asst.Professor	Materials Chemistry
2.	Manoj Kumar Singh	Asst.Professor	Multifunctional materials and Raman Spectroscopy
3.	Prashant Dubey	Asst.Professor	Chemistry of Carbon and other Nanostructures
4.	Rajiv Giri	Asst.Professor	Superconductivity and Electron Microscopy
5.	Ravindra Dhar	Professor & Coordinator	Condensed Matter Physics-Liquid Crystalline Materials

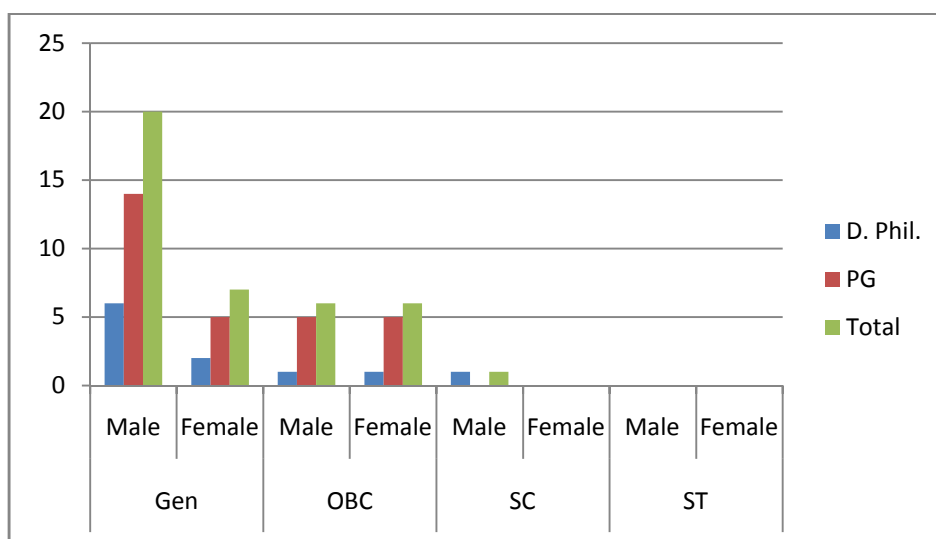
**Support Staff:**

S. No.	Name	Gender	Designation/work
1.	Ranjeet Yadav	Male	Junior Office Assisant
2.	Prem Chandra	Male	Lab Attendant

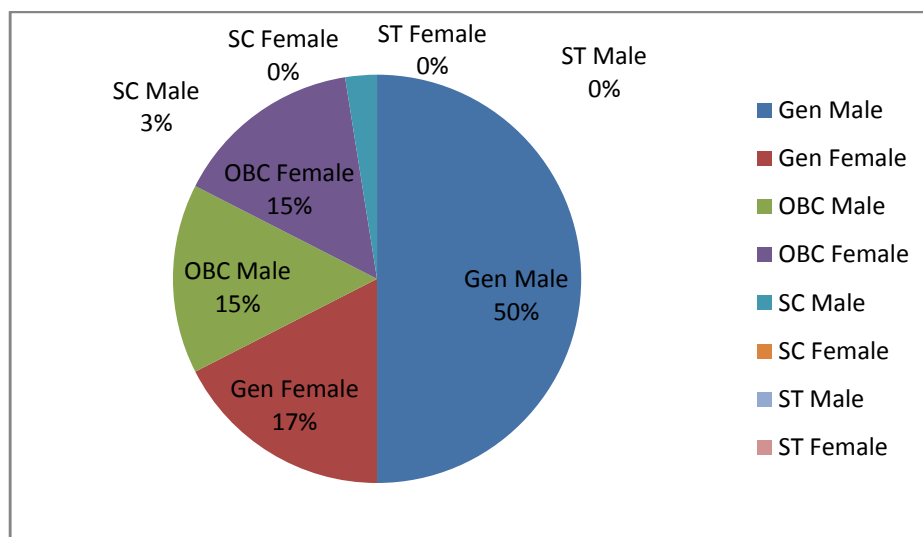


**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D. Phil	06	02	08	01	01	02	01	-	01	-	-	-	8	03	11
PG	14	05	19	05	05	10	-	-	-	-	-	-	19	10	29
<b>Total</b>	<b>20</b>	<b>07</b>	<b>27</b>	<b>06</b>	<b>06</b>	<b>12</b>	<b>01</b>	<b>-</b>	<b>01</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>13</b>	<b>40</b>



**Student Enrollment for the Centre of Material Sciences**



**Gender wise distribution of Students**

**Seminars/Workshops/Conferences conducted by the Department/Centre:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/sponsor Agenc(y/ies)	No. of Participants	No. of Papers presented in
1.	Indo-Polish Seminar on Advanced Materials	International	Feb 05-06, 2016	University of Allahabad	150	105

**Seminars/Workshops/Conferences attended:**

- “Improved efficiency of Bulk Heterojunction flexible solar cells by using columnar phase of disc shaped liquid crystalline material” Manisha Bajpai, Neelam Yadav, Sandeep Kumar, Ritu Srivastava, Ravindra Dharat International conference on Light Quanta: Modern Perspective and Applications, Allahabad University, Allahabad, on December, 14-16, 2015.
- “Electro-optical and dielectric studies on metal oxide nanoparticles liquid crystal composites for display applications” Neelam Yadav, Roman Dabrowski, Ravindra Dharat International conference on Light Quanta: Modern Perspective and Applications, Allahabad University, Allahabad, on December, 14-16, 2015.
- “Study of single phase antiferroelectric liquid crystalline material for various applications” Avneesh Mishra, Roman Dabrowski, Ravindra Dharat International conference on Light Quanta: Modern Perspective and Applications, Allahabad University, Allahabad, on December, 14-16, 2015.
- “Induction of plasmonic resonance and enhancement of the electrical conductivity in the columnar mesophase of discotic liquid crystalline material” Mukesh Mishra, Sandeep Kumar, Ravindra Dhar at International conference on Light Quanta: Modern Perspective and Applications, Allahabad University, Allahabad, on December, 14-16, 2015.
- “Investigation of LCs-nanoparticles composites by polarizing optical microscopy and dielectric spectroscopy” U. B. Sing, M. B. Pandey, Ravindra Dhar at International conference on Light Quanta: Modern Perspective and Applications, Allahabad University, Allahabad, on December, 14-16, 2015.
- “Efficiency improvement of bulk heterojunction solar cells due to the columnar mesophases” Ravindra Dhar Invited Talk at 22 National Conferences on Liquid Crystals, DIT University, Dehradun, on December 21-23, 2015.
- “Conductivity measurement of single phase antiferroelectric liquid crystalline material for electro-optical applications” Avneesh Mishra, R. Dabrowski, Ravindra Dhar at 22 National Conferences on Liquid Crystals, DIT University, Dehradun, on December 21-23, 2015.
- “Thermodynamic, optical, electrical, and electro-optical features of a room temperature nematic liquid crystal dispersed with single walled carbon nanotubes” Rohit Verma, Satendra Kumar, Ravindra Dhar, R Dabrowski at 22 National Conferences on Liquid Crystals DIT University, Dehradun, on December 21-23, 2015.
- “Electrical and electro-optical parameters of 4 octyl-4-cyanobiphenyle nematic liquid crystal dispersed with gold and silver nanoparticles” Mukesh Mishra, Roman S. Dabrowski, J. K. Vij, Ravindra Dhar at 22<sup>nd</sup> National conference on liquid crystals, DIT University, Dehradun, on December, 21-23, 2015.
- “Effect of dispersion of CdSe quantum dots on electrical & electro-optical properties of 4PP4OB” U. B. Singh, M. B. Pandey, Ravindra Dhar, S. Kumar at 22<sup>nd</sup> National conference on liquid crystals, DIT University, Dehradun, on December, 21-23, 2015.
- “Quantum dots dispersed in the columnar matrix of a room temperature discotic liquid crystalline material” Neelam Yadav, Sandeep Kumar, Ravindra Dhar at 22<sup>nd</sup> National conference on liquid crystals, DIT University, Dehradun, on December, 21-23, 2015.
- “Surface plasmon enhanced organic solar cells with a MoO<sub>3</sub> buffer layer” Manisha Bajpai, Ritu Srivastava, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Improvement of the electrical and electro-optical parameters of a room temperature nematic liquid crystal material due to the dispersion of single walled carbon nanotubes” Rohit Verma, Mukesh Mishra, Ravindra Dhar, R. Dabrowski at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.

- “Dielectric spectroscopy of liquid crystal compound 5O.5 doped with a low concentration of barium titanate BaTiO<sub>3</sub> nanoparticles” Ragini Dubey, Avneesh Mishra, K. N. Singh, P. R. Alapati, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Twisted Grain boundary phases of the homologous chain of 4-n-alkyloxy-4'-(cholesteryloxycarbonyl-1-butyloxy) chalcone” Abhay S. Pandey, C. V. Yelamaggad, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Polarization switching and dielectric mechanism of an antiferroelectric liquid crystal (S)-4-(1-methylheptyloxycarbonyl)phenyl-4-(6-heptanoyloxyhex-1-oxy)biphenylate” Anil Kumar, Ravindra Dhar, Roman Dabrowski at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Ceramics: Useful materials for day to day life” Priya Singh, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Discotic liquid crystal-plasmonic nanoparticles composites as one dimensional conductivity switch” Neelam Yadav, Sandeep Kumar, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “High conducting behaviour of single phase antiferroelectric liquid crystalline material” Avneesh Mishra, Roman Dabrowski, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Electrical & electro-optical properties of 4-pentylphenyl 4-octyloxybenzoate dispersed with CdSe quantum dots” U. B. Singh, M. B. Pandey, Ravindra Dhar, S. Kumar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- “Review on plasmonic nanoparticles” Rahul Uttam, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.
- Differential scanning calorimetric, polarized light microscopic and impedance spectroscopic studies of bicomponent mixtures of liquid crystals: Cholesteryl Myristate and 4-n-Decyloxy Benzoic acid” Dharmendra P. Singh, Manoj Johri, Abhay S. Pandey, Ravindra Dhar at Indo-polish seminar on advanced materials, University of Allahabad, Allahabad, on February, 5-6, 2016.

#### Training/orientation/refresher courses/special lectures conducted by the Department/Centre:

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Biomimetic Materials	18 Nov 2015	University of Allahabad	Dr. Arvind Sinha, Chief Scientist & Group Leader Biomaterials Group, Materials Science & Technology Division and Professor & Coordinator AcSIR-NML CSIR-National Metallurgical Laboratory, Jamshedpur
2.	Display applications of Liquid Crystals	07 Feb 2016	University of Allahabad	Prof. R. S. Dabrowski and Dr. Michal Czerwinski, Military University of Technology, Warsaw Institute of Chemistry, Military University of Technology, Warswa, Poland

#### Funding received during the period (amount/purpose/agency):

S. No.	Funding Agency	Purpose	Amount
	University of Allahabad	Equipment	Rs. 8.0 lacs

#### Other publications by the Department/Centre

S. No.	Title	Publication	Author(s)	ISBN
1.	Enhancement in the thermodynamic, electrical and optical properties of hexabutoxyphenylene due to copper nano particles	<i>Journal of Molecular Liquids</i>	Mishra Avneesh	2015, 208; 160-164.

S. No.	Title	Publication	Author(s)	ISBN
2.	Effect of silver nano particles on frequency and temperature dependent electrical parameters of a discotic liquid crystalline material.	<i>Liquid Crystals</i>	Mishra Avneesh	2015, 42; 1478-1489
3.	Relaxation phenomena of a highly tilted ferroelectric liquid crystalline material (S)-(+)-4'-( $\omega$ -pentanoyloxy)propoxybiphenyl-4-yl-4-(1-methylheptyloxy)benzoates	<i>Liquid Crystals</i>	Mishra Avneesh	2015, 42; 1543-1549
4.	Electrical and electro-optical parameters of 4'-octyl-4-cyanobiphenyl nematic liquid crystal dispersed with gold and silver nano-particles	<i>Liquid Crystals</i>	Mishra Avneesh	2015, 42; 1580-1590
5.	Electrical and electro-optical parameters of 4'-octyl-4-cyanobiphenyl nematic liquid crystal dispersed with gold and silver nanoparticles. Mukesh Mishra, Roman Dabrowski, J. K. Vij, Avneesh Mishra, Ravindra Dhar.	Liquid Crystal.	Mishra Mukesh	42, 1580, 2015. ISSN: 1366-5855
6.	Thermodynamical, optical, electrical and electro-optical studies of 4-pentyl-4' cyanobiphenyl liquid crystal dispersed with barium titanate nano particles. Mukesh Mishra, Roman S. Dabrowski, Ravindra Dhar	Journal of Molecular Liquids	Mishra Mukesh	213, 247, 2016 ISSN: 0167-7322
7.	Cadmium selenide quantum dots for the amelioration of the properties of a room temperature discotic liquid crystalline material. Neelam Yadav, Sandeep Kumar, Ravindra Dhar.	RSC Adv.	Yadav Neelam	5, 78823 2015. ISSN: 2046-2069
8.	Bulk heterojunction solar cells based on self-assembling disc-shaped liquid crystalline material. Manisha Bajpai, Neelam Yadav, Sandeep Kumar, Ritu Srivastava, Ravindra Dhar	Liquid Crystals	Yadav Neelam	43, 305, 2016. ISSN: 1366-5855
9.	Incorporation of liquid crystalline triphenylene derivative in bulk heterojunction solar cell with molybdenum oxide as buffer layer for improved efficiency. Manisha Bajpai, Neelam Yadav, Sandeep Kumar, Ritu Srivastava, Ravindra Dhar	Liquid Crystals,	Yadav Neelam	2016 DOI. 10.1080/02678292.2016.1149239 ISSN: 1366-5855
10.	Effect of silver nanoparticles on the thermodynamical properties of 4-(trans-40-n-hexylcyclohexyl) isothiocyanatobenzene (6CHBT) nematic liquid crystal Pratibha Tripathi, Mukesh Mishra, Roman S Dabrowski, Ravindra Dhar	Indo-Polish Seminar on Advanced Materials Feb 05-06, 2016, O 29	Tripathi Pratibha	
11.	Effect of dispersion of CdSe quantum dots on phase transitions, electrical & electro-optical properties of 4PP4O U. B. Singh, M. B. Pandey, R. Dhar, R. Verma, S. Kumar	Liquid Crystals,	Singh, Upendra Bahadur	2016 DOI. 10.1080/02678292.2016.1159344 ISSN: 1366-5855
12.	Multiferroics properties in BiFeO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> hetrostructures thin films deposited on (111) SrTiO <sub>3</sub> substrate. Gulab Singh <sup>1*</sup> , Manoj K Singh <sup>1*</sup> , Aditya Kumar <sup>1</sup> , S Dussan <sup>2</sup> , Ram S Katiyar <sup>2</sup>	AIP conference Proceeding 60 <sup>th</sup> DAESSPS 2015	Singh Gulab	0094243X 15517616

S. No.	Title	Publication	Author(s)	ISBN
13.	Raman Spectra and Dielectric Studies in Ti Substituted Bi <sub>2</sub> (Zn <sub>2</sub> /3Nb <sub>4</sub> /3)O <sub>7</sub> Pyrochlores Aditya Kumar <sup>1</sup> , Manoj K Singh <sup>1*</sup> , Gulab Singh <sup>1</sup> and K.Sudheendran <sup>2</sup> , K.C.James Raju <sup>3</sup>	AIP Conference Proceeding 60 <sup>th</sup> DAESSPS2015	Singh Gulab	
14.	Second order Raman Spectrum and anomalous phonon behaviour in multiferroics BiFeO <sub>3</sub> . Gulab Singh, Aditya K Singh Ajay Tiwari and Manoj K Singh	ICLQMPA 2015	Singh Gulab	
15.	High Temperature Raman scattering study of CaSnO <sub>3</sub> Aditya Kumar, Gulab Singh and Manoj Kumar Singh 5. Raman Scattering Study of the soft Phonon Modes SrHfO <sub>3</sub> Manoj K Singh, Aditya Kumar and Gulab Singh	ICLQMPA 2015	Singh Gulab	
16.	Certificate of Participation Author Workshop Jointly Organized by Springer and University of Allahabad 30 October 2015	UNIVERSITY OF ALLAHABAD	Aditya Kumar	
17.	"High Temperature Raman Scattering Study of CaSnO <sub>3</sub> " Aditya Kumar, Gulab Singh and Manoj K Singh Poster presentation. 14-16 december 2015	ICLQMPA 2015, P.B. 13 PAGE NO-63	Aditya Kumar	
18.	Raman Spectra and Dielectric Studies in Ti Substituted Bi <sub>2</sub> (Zn <sub>2</sub> /3Nb <sub>4</sub> /3)O <sub>7</sub> PYROCHLORES Aditya Kumar, Manoj K Singh*, Gulab Singh <sup>1</sup> and K.Sudheendran, K.C.James Raju POSTER PRESENTATION 21-25 DEC 2015	60 <sup>th</sup> DAE2015, AIP CONFERENCE PROCEEDING, G-158, page no 227	Aditya Kumar	3. ISSN: 0094243X, 15517616
19.	Dielectric Properties of Ti Substituted Bi <sub>2</sub> (Zn <sub>2</sub> /3Nb <sub>4</sub> /3)O <sub>7</sub> Pyrochlores Synthesized By Solid State Method Oral Presentation 5-6 Feb 2016	Indo-Polish Seminar on Advanced Materials Feb 05-06, 2016, O 29 PAGE NO 70	Aditya Kumar	

**Future Projections:**

❖ **Proposed Courses**

S. No.	Name of Programme	Nature (Degree /Diploma/ training etc.	Duration	Proposed or In process	Intake of Students
1.	Integrated M-Tech/ Ph.D.	Dual Degree	5-6 years	In Process	15

❖ **Proposed Projects/SAP Grants etc.**

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process
1.	Special Assistance Programme of UGC	SAP (UGC)	5 years	1.2 crore	Proposed
2.	FIST programme of UGC	FIST (DST)	5 years	1.5 crore	To be Proposed after opening by DST

**Any other information (about the department/Center)**

Following eminent academician visited the Centre for Academic Discussions/meetings

- Prof. Roman Dabrowski, Institute of Chemistry, Military University of Technology, Warswa
- Dr. Michal Czerwinski, Institute of Chemistry, Military University of Technology, Warswa, Poland
- Prof. A. J. Pal, Indian Association for Cultivation of Science, Kolkata
- Prof. Sandeep Kumar, Condensed Matter Group, Raman Research Institute, Bangalore.
- Dr. Rekha Grover, Scientist E, Department of Electronics and Information Technology, Govt of India, New Delhi
- Dr. A. M. Biradar, Head, Materials Science Group, National Physical Laboratory, New Delhi
- Dr. Arvind Kumar, Chief Scientist & Group Leader Biomaterials Group, Materials Science & Technology Division and Professor & Coordinator AcSIR-NML CSIR-National Metallurgical Laboratory, Jamshedpur

## NANO TECHNOLOGY APPLICATION CENTRE

## Man power at NAC:

1. Prof. Avinash C Pandey	Principal Investigator, NAC, UoA
2. Dr. VikasBaranwal	Scientist “C”
3. Dr. Manvendra Kumar	Scientist “C”
4. Dr. Ranu K Dutta	DST Young Scientist
5. Dr. Vani Misra	DSK Post-Doctoral Fellow
6. Dr. PawanKumar Dubey	DSK Post-Doctoral Fellow
7. Dr. Prashant Kumar Singh	RA
8. Ms. JoytsnaLabh	Project Assistant
9. Mr. Sohan Lal Pradhan	Project Assistant
10. Mr. Manoj Kr Yadav	Project Assistant
11. Ms. Shraddha Srivastava	Ph. D. Student
12. Ms. PratimaBajpai	Ph. D. Student
13. Mr. Vivek Pandey	Secretarial Assistant

## List of Publication

1. Titanium dioxide nanoparticles augment allergic airway inflammation and Socs3 expression via NF-kB pathway in murine model of asthma; Vani Mishra, VikasBaranwal, Rohit K. Mishra, Shivesh Sharma, Bholanath Paul, **Avinash C. Pandey**, *Biomaterials*, 2016, 92, 90-102
2. Nitric oxide alleviates silver nanoparticles (Ag Nps)- induced phytotoxicity in *Pisumsativum* seedlings” Durgesh K Tripathi, Swati Singh, Shweta Singh, Prabhat K Srivastava, Vijay P Singh, Samiksha Singh, Sheo Mohan Prasad, Prashant K Singh, Naval Kishor Dubey, **Avinash C Pandey**, Devendra K Chauhan; *Plant Physiology and Biochemistry*, 2016, DOI: 10.1016/j.plaphy.2016.06.015
3. Exploration of anti-Malassezia potential of *Nyctanthesarbor-tristis* L. and their application to combat the infection caused by Mala s1 a novel allergen; Rohit K. Mishra, Vani Mishra, Anand Pandey, Amit K. Tiwari, Himanshu Pandey, Shivesh Sharma, **Avinash C. Pandey** and AnupamDikshit, *BMC Complementary and Alternative Medicine*, 2016, 16, 114, DOI 10.1186/s12906-016-1092-2
4. Nanofibre Based Smart Pharmaceutical Scaffolds For Wound Repair And Regenerations”.CDwivedi, H Pandey, **AC Pandey**, PW Ramteke, *Current pharmaceutical design*, 2016, 22 (11), 1460-1471, .DOI: 10.2174/1381612822666151215103553
5. Pharmaco-Phylogenetic Investigation of Methyl Gallate Isolated from *Acacia nilotica* (L.) Delile and Its Cytotoxic Effect on NIH3T3 Mouse Fibroblast, Rohit K. Mishra, M. Ramakrishna, Vani Mishra, Ashutosh Pathak, S. Rajesh, Shivesh Sharma, **Avinash C. Pandey**, G. Nageswara Rao, AnupamDikshit, *Current Pharmaceutical Biotechnology*, 2016, 17, 540-548.
6. Vibrational spectra of (BaF<sub>2</sub>)<sub>n</sub> (n=1-6) clusters, Ratnesh K. Pandey, Kevin Waters, Sandeep Nigam, Ravindra Pandey and **Avinash C. Pandey**; *AIP Conf. Proc.* 1731, 090034 (2016); <http://dx.doi.org/10.1063/1.4947998>
7. Starch assisted growth of dumbbell-shaped ZnO microstructures” V. Baranwal, A. Zahra, P. K. Singh, **A. C. Pandey**. *Journal of Alloys and Compounds*, 2015, 646, 238-242.
8. Surface Roughness and Fractal Study of CaF<sub>2</sub> Thin Films, R. P. Yadav, R. K. Pandey, A. K. Mittal, Manvendra Kumar, **A. C. Pandey**, *Materials Focus*, 2015, 4, 403-408
9. Effect of Mn doping on structural, optical and magnetic properties of SnO<sub>2</sub> nanoparticles” V.Agrahari, A.K.Tripathi, M.C. Mathpal, **A.C. Pandey**, S.K. Mishra, R.K. Shukla, A.Agarwal, *Journal of Materials Science: Materials in Electronics*, 2015, 26, 9571
10. Gd, C, N, S Multi-doped ZrO<sub>2</sub> for Photocatalytic Degradation of Indigo Carmine Dye from Synthetic Water under Simulated Solar Light, ES Agorku, **AC Pandey**, BB Mamba, AK Mishra, *Materials Today: Proceedings*, 2015, 2, 3909-3920



11. Diffused phase transitions in  $\text{Pb}(\text{Zr}_{0.65}\text{Ti}_{0.35})\text{O}_3\text{-Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$  multiferroics, P. Tirupathi, N. Kumar, M. Pastor, **A.C. Pandey**, R.N.P. Choudhary, *Journal of Applied Physics*, 2015, 117, 074105
12. Enhanced visible-light photocatalytic activity of multi-elements-doped  $\text{ZrO}_2$  for degradation of indigo carmine, E.S. Agorku, A.T. Kuvarega, B.B. Mamba, **A.C. Pandey**, A.K. Mishra., *Journal of Rare Earths*, 2015, 33, 498-506
13. Synthesis of zinc oxide (ZnO) nanorods and its phenol sensing by dielectric investigation, S. Srivastava, A. K. Srivastava, P Singh, V Baranwal, R. Kripal, J. H. Lee, **A. C. Pandey**, *Journal of Alloys and Compounds*, 2015, 644, 597-601
14. Gadolinium metallonanocongregates as potential magnetosensors for detecting early stage cancers” R. Dutta, **A. C. Pandey**, *Applied Physics Letters*, 2015, 106, 173701
15. Fabrication and Assessment of Gentamicin Loaded Electrospun Nanofibrous Scaffolds as a Quick Wound Healing Dressing Material, Charu Dwivedi, Himanshu Pandey, **A. C. Pandey** and Pramod W. Ramteke, *Current Nanoscience*, 2015, 11, 222 – 228.
16. Efficient water soluble nanostructured ZnO grafted O-carboxymethyl chitosan/curcumin-nanocomposite for cancer therapy, Laxmi Upadhyaya, Jay Singh, Vishnu Agarwal, **A.C. Pandey**, Shiv P Verma, Parimal Das, RP Tewari, *Process Biochemistry*, 2015, 50, 678
17. Fractal and multifractal characteristics of swift heavy ion induced self-affine nanostructured  $\text{BaF}_2$  thin film surfaces” R.P Yadav, M. Kumar, A.K. Mittal, **A.C. Pandey**., *Chaos*, 2015, 25 (8), 083115
18. Observation of dielectric relaxor behavior in  $\text{Pb}_{0.95}\text{Sr}_{0.05}(\text{Zr}_{0.5}\text{Ti}_{0.5})\text{O}_3$  ceramics, N. Kumar, P. Tirupathi, B. Kumar, M. Pastor, **A.C. Pandey**, R.N.P Choudhary, *Advanced Materials Letters*, 2015, 6, 284-289
19. Palladium-decorated zinc sulfide/reduced graphene oxide nanocomposites for enhanced visible light-driven photodegradation of indigo carmine, Eric S Agorku, Messai A Mamo, Bhekie B Mamba, **Avinash C Pandey**, Ajay K Mishra, *Materials Science in Semiconductor Processing*, 2015, 33, 119-126.
20. Cobalt-doped ZnS-reduced graphene oxide nanocomposite as an advanced photocatalytic material, Eric Selorm Agorku, Messai Adenew Mamo, Bhekie Brilliance Mamba, **Avinash Chandra Pandey**, Ajay Kumar Mishra, *Journal of Porous Materials*, 2015, 22, 47-56.
21. Dynamic scaling of swift heavy ion induced surface restructuring of  $\text{BaF}_2$  thin film, Ratnesh K Pandey, Manvendra Kumar, Tanuj Kumar, Avinash C Yadav, Udai B Singh, Saif A Khan, Ambuj Tripathi, DK Avasthi, **Avinash C Pandey**, *Materials Letters*, 143, 309-311, 2015.
22. Embedded Ge nanocrystals in  $\text{SiO}_2$  synthesized by ion implantation, V. Baranwal, J. W. Gerlach, A. Lotnyk, B. Rauschenbach, H. Karl, S. Ojha, D. K. Avasthi, D. Kanjilal, **Avinash C. Pandey**, *J. Appl. Phys.* 118, 134303 (2015)
23. Modeling groundwater quality over a humid subtropical region using numerical indices, earth observation datasets, and X-ray diffraction technique: a case study of Allahabad district, India, Sudhir Kumar Singh, Prashant K Srivastava, Dharmveer Singh, Dawei Han, Sandeep Kumar Gautam, **AC Pandey**, *Environmental geochemistry and health*, 37, 157-180, 2015
24. Fluorescent Magnetic Gadolinium Oxide Nanoparticles for Biomedical Applications, Ranu K. Dutta and **Avinash C. Pandey**, *Nanosci Technol*, 2015, 2, 1-6.
25. Sensitivity of Polyaniline-Zinc Oxide Composite to Humidity, R. K. Shukla, Anchal Srivastava, **A. C. Pandey**, Kamakhya Prakash Misra and Mamta Pandey, *Sensors & Transducers*, 2015, 188, 26-32..

#### Abroad Visit:

- 15 November 2015 to 14 December 2015: Dr. Manvendra Kumar and Vikas Baranwal Visited PANTECHNIK, France for training and Factory acceptance test of HFIBF Instrument.
- 28 March 2016 to 8 April 2016: Dr. Manvendra Kumar and Vikas Baranwal Visited PANTECHNIK, France for training and Factory acceptance test of HFIBF Instrument.
- 3 April 2016 to 8 April 2016: Prof. Avinash C Pandey Visited PANTECHNIK, France for Factory acceptance test of HFIBF Instrument.



Facilities available at NAC, UoA:



Digital Photograph of Rigaku X ray Diffractometer



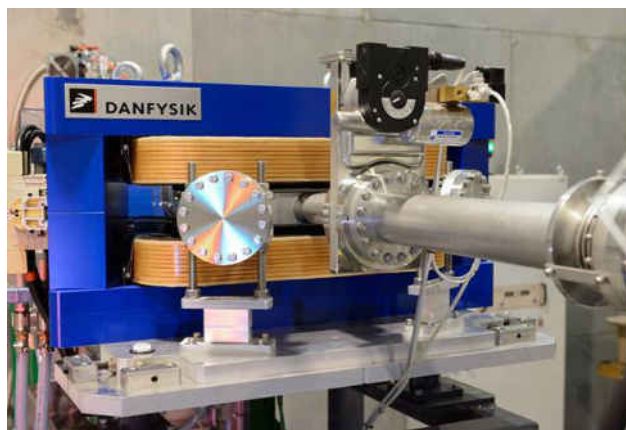
Digital Photograph of SEM



Digital Photograph of Transmission electron microscope: High Voltage Deck of 300 kV potential 300 keV TEM FEI Tecnai



High Voltage Deck of 300 kV potential



Switching Magnet to separate three different beam lines



Ion source

## CENTRE FOR RURAL TECHNOLOGY AND DEVELOPMENT

**Introduction:**

Rural development in India has witnessed several changes over the years in its emphasis, approaches, strategies and programmes and as a consequence, the program in India has assumed a new dimension and perspectives. Rural development can be richer and more meaningful only through the participation of clientele of development. Just as implementation is the touchstone for planning, people's participation is the centre-piece in rural development and is most pre-requisite both in terms of procedural and philosophical perspectives.

In this context, University of Allahabad recently established an independent Centre of Rural Technology and Development for imparting Four Semester Post Graduate Programme which incorporates advancement of technological and social aspect of rural development under the Coordinator-ship of **Prof. Anupam Dikshit FNASc.**, Head, Department of Botany, University of Allahabad.

The centre is running under the Institute of Inter Disciplinary Studies (IIDS) in the Department of Botany. It was approved and established with vide resolution **No. 43/32** in Academic Council **dt. May 19, 2015** and Executive Council with vide resolution **No. 03/32 dt. June 02, 2015**.

**Thrust Areas:**

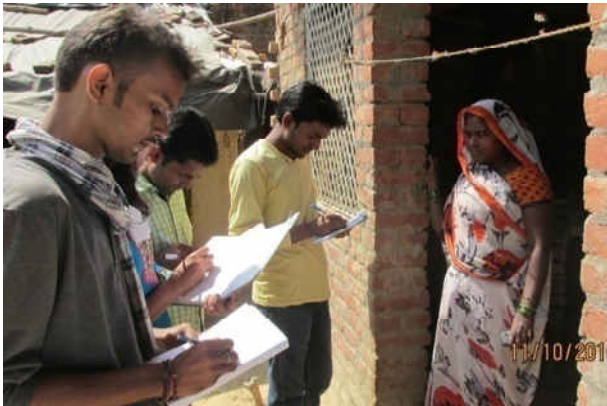
1. This new postgraduate program in Rural Development will position the students as an innovative leader in the field, with practical experience in working with rural people and communities.
2. The trained manpower will play a key role in engaging people, addressing rural issues and supporting community capacity as well as will try to put their innovative skills to improve the lives of rural people.
3. The centre is working towards the ideas for doubling India's Rural GDP, Facilitating affordable technology development appropriate to the rural context and Focusing on the sectors include Agriculture, Health, Finance, Education, Vocational Training, Business Processing technologies etc. for rural India.
4. Our course has been designed in accordance with the "Law of Participation" that aims to work with rural people and their communities to respond to social, economic, scientific and environmental challenges or opportunities to enhance the well-being, livelihood and character of rural areas.
5. At CRT&D, we try and welcome innovative ways of agro based rural industries/Industrial technologies
6. In animal husbandry, we plan to work towards creating animal hostel for cattle and creating startup village entrepreneurship (SVEP). In human health, we will focus on developing innovative herbal, ecofriendly, sustainable ideas to improve hygiene, water quality, bio-toilets and waste disposal etc.
7. The Centre has adopted **Chak Johara Mauja** of Ramapur village, Bhadurpur block, Allahabad as mission site due to its pitiable condition. It has 100% scheduled caste population. The people are in a very poor state with no permanent income or employment. Most are labourers and few are mason. Few are agricultural labourers. Education is scanty and only few elder people are educated. Due to poverty and unawareness, very few are able to send their kids to school. There were few non functional handpumps but due to efforts from The Centre of Rural Technology and Developments, The local administration has granted re-boring and solar street lights. There is one health centre which is 3 kilometers away. Roads are in poor state. Local market is 2 kms away.

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats
1.	D. Phil		--
2.	M. Sc.	2 years(4 semester)	15

**Faculty Members and their Area of Reseach:**

S. No.	Name	Designation	Area of Specialization
1.	Prof. Anupam Dikshit, FNASc	Coordinator	Microbiology, Plant Pathology, IPR, Biotechnology, Plant resource utilization, Biological Product for human as well as agricultural health



Different survey of chak jauhra by students



A survey regarding sanitation data and educating them about sanitation and its benefits

3. Cleaning of Village Ramapur and awareness generated by Raja Mithesh Kumar from NARARD(Jan. 2016)



Raja Mithesh Kumar from NARARD talking with people for fish culture and students of Centre of Rural Tech. & Development



## CENTRE OF BEHAVIORAL AND COGNITIVE SCIENCES

**Introduction:**

The University Grants Commission (UGC) selected the University of Allahabad for developing an Island of Excellence in Behavioural and Cognitive Sciences. The Centre of Behavioural and Cognitive Sciences (CBCS) was established in 2002.

**MISSION OF THE CENTRE**

The Centre aims to achieve excellence in education and research meeting new developments and challenges. The Centre endeavours for advancement of scientific knowledge through basic and applied research and conducts outreach programmes for larger human welfare.

- While it began in the mid-1950s, “Cognitive Science” has established itself as a truly interdisciplinary subject, having roots in psychology and interfaces with philosophy, computer science, mathematics, linguistics and neurosciences in the last three decades. The discipline of Cognitive Science is an intellectual enterprise that studies computational and neural mechanisms underlying mental processes by drawing on resources from a number of disciplines. The academic programs of the Centre include Doctoral and Master programs in Cognitive Science.
- The goal of the teaching programme is to enrich students with knowledge of mental structures and processes, physical and chemical laws that govern the activities of brain, and computational models of cognitive processes. There is lot of emphasis on Master’s thesis projects where in the students get trained in the state of the art experimental designs and analysis also resulting in presentations in major conferences as well as publications. The Centre has an excellent environment to pursue an interdisciplinary field like Cognitive Science.

**Thrust Areas:**

1. Attention and Consciousness
  1. Self, Agency and Intentions
  2. Event-control and Agency
  3. Planning and Control
  4. Visual selection of target
  5. Perception and impulsive behaviour (e.g. ADHD)
  6. Ordering and planning of serial eye-movements
  7. Emotion and Attention
  8. Affective control: affective conflict adaptation
  9. Language Processing
  10. Bilingualism and cognitive control
  11. Cognitive development
  12. Cognitive disorders
  13. Learning and Memory
  14. Decision Making
  15. Social Cognition and Cultural Cognition

**Programme of Study**

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	M.Sc. Cognitive Science	2 Years	23	Cognitive Science
2.	D.Phil. Cognitive Science	4-5 Years	5	Cognitive Science

**Faculty Members and their Area of Reseach:**

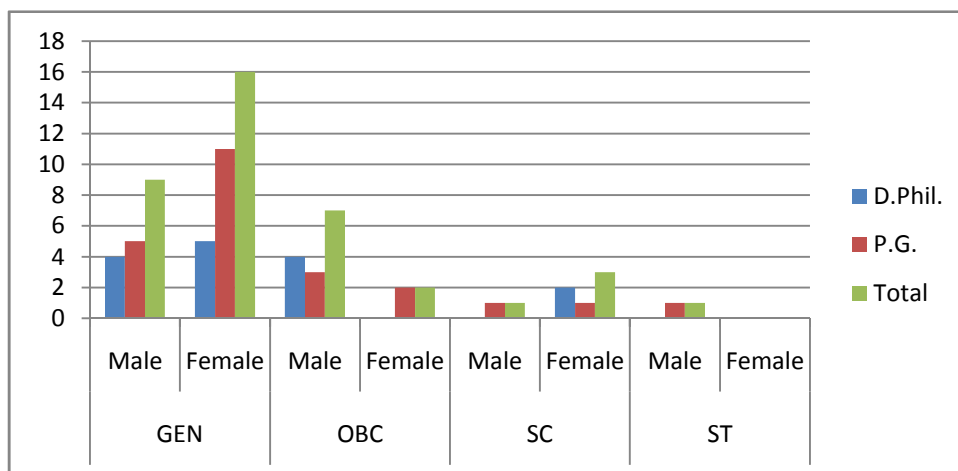
S. No.	Name	Designation	Area of Specialization
1.	Bhoomika R. Kar	Professor	Developmental cognitive neuroscience
2.	Narayanan Srinivasan	Professor & Head	Attention and perception
3.	Supriya Ray	Assistant Professor	Neurophysiology of Actions
4.	V.S. Chandrasekhar Pammi	Professor	Neuroscience of decision making

**Support Staff:**

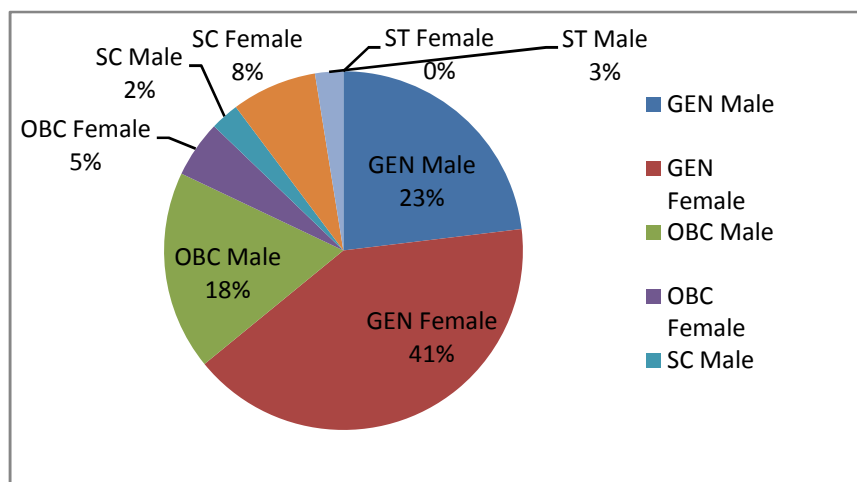
S. No.	Name	Gender	Category	Designation/work
1.	Puneet Kumar	Male	Gen	Sr. Tech. Assistant
2.	Shabeeh Abbas	Male	Gen	Sr. Accounts Assistant
3.	Praveen Singh	Male	Gen	Sr. Library Assistant
4.	Nanku Ram	Male	OBC	Helper
5.	SurendraYadav	Male	OBC	Helper
6.	Ramu Pal	Male	OBC	Helper
7.	SohanLal	Male	SC	Safaiwala

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	GEN			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>D.Phil.</b>	4	5	9	4	-	4	-	2	2	-	-	-	8	7	15
<b>P.G. (M.Sc.)</b>	5	11	16	3	2	5	1	1	2	1	-	1	10	14	24
<b>Total</b>	9	16	25	7	2	9	1	3	4	1	-	1	18	21	39



**Student Enrollment for the Department of Centre of Behavioral and Cognitive Sciences**



**Gender wise distribution of Students**

**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / International	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented in
1.	25 <sup>th</sup> Convention of National Academy of Psychology jointly organized by Department of Psychology and CBCS, AU	International	February 2-5, 2016	DST ICSSR University of Allahabad	434	415 (15 symposia, 17 thematic sessions and 6 poster sessions)
2.	International Conference on Emotion and Cognition	International	December 14-16, 2015	UGC	90	35 (15 invited talks and 20 posters)
3.	Workshop on Methods in Cognitive Science (Coordinator: Dr.Supriya Ray) Resource persons: Dr.Supriya Ray, Dr.Bhoomika R. Kar, and Dr. Sonia Baloni Ray (CBCS, A.U); Dr.Devpriya Kumar and Dr. Ark Verma(IIT Kanpur).		February 2, 2016		10	Lecture and lab sessions on Psychophysics, Reaction time methods, eye tracking, EEG/ERP
4.	Workshop on Cognitive Behavioural Management for Anger and Stress(Coordinator: Prof.Bhoomika R Kar) Resource persons:Dr.ChhitijSrivastava, Dr. M. P. Sharma &Prof.PallaviBhatnagar		February 2, 2016		20	Lecture and role modelling sessions on CBT, DBT
5.	Allahabad Regional Brain Bee (Coordinators: Prof.Bhoomika R. Kar&Prof. V. S. Chandrasekhar Pammi)		February 13, 2016		30	Two phases (oral and written rounds)

**Training/orientation/refresher courses/special lectures conducted by the Department:**

Sl. No.	Title of the Lecture	Duration and Dates	Funding / Sponsor	Speakers
1.	The promise of Artificial Intelligence.	28-10-2015	CBCS	Prof. SurampudiBapiRaju, IIIT Hyderabad
2.	Subjective probability distortions arise from selective memory recall	29-10-2015	CBCS	Dr. NisheethSrivastava, University of California, San Diego, USA
3.	What did the Bayesian ideal observer teach us about vibrotactile perception?		CBCS	Dr. ArindamBhattacharjee, University of Toronto
4.	The literate brain: Insights from Neuroimaging of first and second language learning	06-02-2016	CBCS	Dr. Kenneth Pugh, University of Connecticut& Yale University, USA

**Funding received during the period (amount/purpose/agency):**

S.No.	Agency	Purpose	Amount
1.	Department of Science & Technology, India, 2016	Conference Grant	Rs. 3,00,000
2.	Science Engineering Research Board, India, 2015	Conference Grant	Rs. 3,00,000

S.No.	Agency	Purpose	Amount
3.	Indian Council for Social Science Research, 2015	Conference Grant	Rs. 4,50,000
4.	Department of Science and Technology, Govt. of India	Infrastructure (Laboratory)	Rs. 36,25,000/-
5.	Allahabad University	Infrastructure (Primate Research Facility)	Rs. 47,16,000/- (With work order to CPWD)

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/ International)	Objectives
1.	Prof. Narayanan Srinivasan as General Secretary of National Academy of Psychology (NAOP)	National	To foster the discipline of Psychology in India
2.	Prof. Narayanan Srinivasan as member of Executive Council of Association for Cognitive Science	National	To develop the discipline of cognitive science in India

**Publications: (During 2015-16)**

S.No.	Title	Published in	Authors(s)	Journal Vol and ISSN/ Details and ISBN
1.	A mechanism for decision rule discrimination by supplementary eye field neurons		Supriya Ray and Stephen. J. Heinen	Experimental Brain Research [2015 Feb;233(2):459-76]
2.	Differential effects of Irrelevant Emotional Context on Regret and Rejoice: A Behavioural Economic Investigation of Decision Making under Risk.		DebaratiBandyopadhyay, Narayanan Srinivasan, V. S. Chandrasekhar Pammi	Psychological Studies, 2015, 60(3), 249-256, ISSN 0033-2968  (DOI: 10.1007/s12646-015-0314-x)
3.	Neural loss aversion differences between depression patients and healthy individuals: A functional MRI investigation.		V. S. Chandrasekhar Pammi, P.G. Rajesh, C. Kesavadas, P. R. Mary, S Seema, AshalathaRadhakrishnan and RanganathaSitaram	The Neuroradiology Journal, 2015, 28(2):97-105, p ISSN: 1971-4009, e ISSN: 2385-1996  (DOI: 10.1177/1971400915576670).
4.	Cyber Security: A game-theoretic analysis of defender and attacker strategies in defacing-website games		PalviAggarwal, Antra Grover, Saumya Singh, ZahidMaqbool, V. S. Chandrasekhar Pammi, VarunDutt	Proceedings of IEEE conference onInternational Conference on Cyber Situational Awareness, Data Analytics and Assessment (CyberSA 2015), 2015, Pages 1-8, ISBN: 9781467367974 (DOI: 10.1109/CyberSA.2015.7166127)
5.	Explaining effervescence: How shared social identity produces positive experiences in crowds. Cognition and Emotion		Reicher, S., Hopkins, N., Khan, S.S., Tewari, S., Srinivasan, N., & Stevenson, C.	Cognition and Emotion, 30, pp. 20-32 ISSN: 0269-9931
6.	The role of complex systems theory in cognitive science		Jordan, J. S., Srinivasan, N. & Van Leeuwen, C.	Cognitive Processing, 16, pp. 315-317 ISSN: 1612-4782

S.No.	Title	Published in	Authors(s)	Journal Vol and ISSN/ Details and ISBN
7.	Attention mediates the effect of context-relevant social meaning on prospective duration judgments.		Srinivasan, N., Tewari, S., Makwana, M., & Hopkins, N.	Timing and Time Perception, 3, pp. 189-200 ISSN: 2213-445X
8.	Integration and prediction difficulty in Hindi sentence comprehension: Evidence from an eye-tracking corpus		Hussain, S., Vasishth, S., & Srinivasan, N.	Journal of Eye movement Research, 8(2), pp: 1-12 ISSN: 1995-8692
9.	Shared identity and self-assessed health in mass gatherings		Khan, S.S., Hopkins, N., Reicher, S., Tewari, S., Srinivasan, N., & Stevenson, C.	Group Processes and Intergroup Relations, 18, pp. 504-522 ISSN: 1368-4302
10.	Only irrelevant sad but not happy faces are inhibited under high perceptual load		Gupta, R., & Srinivasan, N	Cognition and Emotion, 24, pp. 747-754 ISSN: 0269-9931
11.	Rapid switching and complementary evidence accumulation enable flexibility of an all-or-none global workspace for control of attentional and conscious processing: A reply to Wyble et al.		Raffone, A., Srinivasan, N., & van Leeuwen, C.	Philosophical Transactions of the Royal Society of London B: Biological Sciences, 370(1661): 20140315 ISSN: 0962-8436
12.	Creativity and spatial ability: A critical review		Palmiero, M., & Srinivasan, N.	Cognition, Experience, and Creativity, New Delhi: Orient Blackswan, (pp. 189-214) ISBN: 978-1-62948-637-6
13.	Biliteracy and reading attainments among slow progressing readers		Kar, B. R., Rimzhim, A., & Chatterjee, S.	Sagar, R., Pattanayak, R. D., and Mehta, M. (Eds). Specific Learning Disorder: Indian Scenario (2015). DST
14.	Attention and Vision in Language Processing		Mishra, R. K., Srinivasan, N., & Huettig, F.	Springer, 2015, ISBN 978-81-322-2443-3



## Institute of Professional Studies

### CENTRE OF FOOD TECHNOLOGY

#### Introduction:

**History of the Dept:** Centre of Food Technology started M.Sc. Nutritional Sciences in Sept 2000 and M.Sc. Food Technology in July 2002 which was facilitated by grant from MoFPI Govt. of India under its “Manpower Development Programme”

**Highlights:** Centre has adequate facilities, modern class rooms, computer lab, library and well equipped laboratories. Food Analysis & Research Lab (FARL) of the Centre has been accredited by National Accreditation Board for Testing & Calibration Laboratories (NABL), Department of Science & Technology, Govt. of India for chemical and biological testing of food and water. FARL is one of the few labs in the Indian University system to be accredited for food testing. Commencement of new course B.Voc.in Food Technology in the year 2015.

#### Thrust Areas:

- To strengthen R & D in the area of food safety and health foods.
- To establish Industry-Academia interactions for internship and in-plant training for better placements of students.
- Setting up of Incubation Centre for Food Processing Entrepreneurs of Eastern Uttar Pradesh.
- Upgrading Food Analysis and Research Laboratory (FARL) for testing of food samples for nearby industries.

#### Programme of Study:

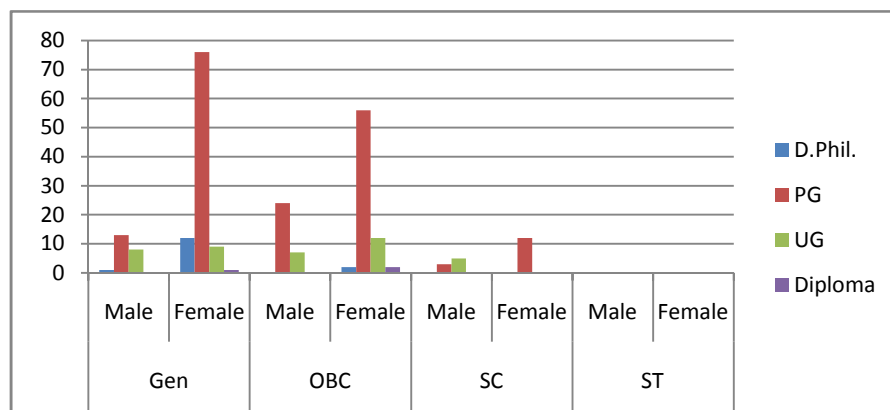
S.No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D.Phil	5 years (includes course work of 24 credits)	15 students presently enrolled	Food Technology and Nutritional Sciences.
2.	M.Sc.	2 Year	62	Food Technology
3.	M.Sc.	2 Year	46	Nutritional Sciences
4.	P.G Diploma Food Technology and Processing.	1 Year	20	Food Safety and Quality Management
5.	B.Voc. and 5-year Integrated M.Voc. programme	3+2 years	40	Food Processing and Technology

#### Faculty Members and their Area of Research:

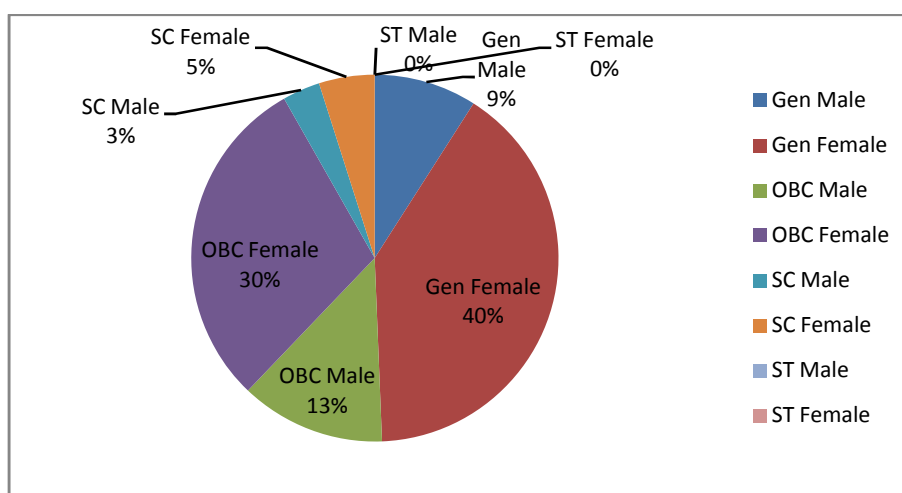
S. No.	Name	Designation	Area of Specialization
1.	Neelam Yadav	Professor	Micronutrients, Processing and Nutritive Value of Food.
2.	Devinder Kaur	Assistant Professor	Fruits and Vegetable Processing, Degradation Kinetics and Product Development.
3.	Pinki Saini	Assistant Professor	Antioxidants, Anti-microbial activity, Fruits and Vegetable Processing, Product Development.
4.	Neetu Mishra	Assistant Professor	Diabetes, Antioxidants and Product Development.

#### Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
D.Phil.	1	12	13	0	2	2	0	0	0	0	0	0	1	14	15
PG	13	76	89	24	56	80	3	12	15	0	0	0	40	144	184
U.G.	8	9	17	7	12	19	5	0	5	0	0	0	20	21	41
Diploma	0	1	1	0	2	2	0	0	0	0	0	0	0	3	3
Total	22	98	120	31	72	103	8	12	20	0	0	0	61	182	243



Student Enrollment for the Centre of Food Technology



Gender wise distribution of Students

Seminars/Workshops conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	National / International	Dates	Sponsor	Participants
1.	One week workshop on “Processing of Meat and Meat Products” by Prof B.D. Sharma, Former Head and Sr Scientist IVRI, Izzatnagar, Bareilly, U.P	National	23 <sup>rd</sup> to 27 <sup>h</sup> February, 2016.	Through UGC sponsored grant for B.Voc. programme in Food Processing & Technology	103

Seminars/Workshops/Conferences/Invited Lectures:

S. No.	Name of the Seminar/workshop/conference	National / International	Dates	Sponsor	Attended by
1.	Poster Presentation on “Strategic Promotion of Biofortified Pulses to Overcome Micronutrient Deficiency”	National	14 <sup>th</sup> 16 <sup>th</sup> June 2015,	Uttar Pradesh Council of Agricultural Research and Uttar Pradesh Academy of Agricultural Sciences (UPCAR)	Neelam Yadav, Ritika Malaviya

S. No.	Name of the Seminar/workshop/conference	National / International	Dates	Sponsor	Attended by
2.	Poster Presentation on “Quality production of potatoes and its processed products for promotion of small scale processing industries in U.P.”	National	14 <sup>th</sup> -16 <sup>th</sup> June 2015	SHIATS Allahabad, UPCAR Lucknow	Dr. Pinki Saini
3.	Poster Presentation on “Utilisation of industry waste for development of value added products”	National	14 <sup>th</sup> -16 <sup>th</sup> June 2015	SHIATS Allahabad, UPCAR Lucknow	Dr. Vinita Puranik
4.	Seminar on “Nutraceuticals and Indian Cuisines”	National	24 <sup>th</sup> April 2015	SHIATS Allahabad	Anil Pandey
5.	“Bioinformatics Panorama in Agriculture and Health”	National	5 <sup>th</sup> -6 <sup>th</sup> October 2015	SHIATS Allahabad	Priyanka Singh
6.	Conference on “Bioinformatics Panorama in Agriculture and Health”	National	5 <sup>th</sup> – 6 <sup>th</sup> October 2015	SHIATS Allahabad	Shreyasi Dubey
7.	Poster Presentation on “Women Health and Nutritional Security: issues and challenges”	National	26 <sup>th</sup> November 2015	DST- UKIERI INTERNATIONAL PROJECT, SHIATS Allahabad,	Neetu Mishra
8.	Poster Presentation on “Formulation of Cereal Bar Using Flax and Sesame Seeds”	National	December 6 to 8, 2015.	NASI	Zeba Khan Neetu Mishra
9.	Poster Presentation on “Incorporation of dry lotus stem flour for development of food products”	National	26 <sup>th</sup> November, 2015	SHIATS Allahabad.	Renu Tripathi Ritu Dubey
10.	“Social development: Health, Education, Poverty, Social Backwardness, Housing and Environment”	National	29 <sup>th</sup> June 2015.	U.P.R.T.O.U, Allahabad	

**Training/orientation/refresher courses/special lectures conducted by the Department/Centre:**

S. No.	Name of the course	Duration and dates	Speakers
1.	Refresher course on “Food Safety and Public Health”	29 <sup>th</sup> March-18 <sup>th</sup> April 2015	Prof. Rajendra Kumar, D.G. UPCAR, Lucknow; Prof Rekha Singhal, ICT, Mumbai; Prof C.P. Mishra, BHU, Dr Naresh Kumar, NDRI, Karnal; Prof Geetika Goel, MNNIT, Allahabad; Prof R.P. Singh, Former Director, HBTI, Kanpur, Dr Mohan Singh, JNK Vishwavidalaya, Jabalpur; Prof. Neelam Yadav, CFT, AU; Prof Usha Bajwa, PAU Ludhiana; Prof. B.D. Sharma, IVRI, Bareilly; Prof Bali Ram, BHU; Prof Shanthi Sundaram, UoA; Prof A.K Rai, UoA, Dr Rakesh Kumar, IVRI, Lucknow
2.	Special lecture on “Statistical Design and Software involved in Food Technology”	September 2015.	Dr. Snehashish Chakravarty, Asst. Professor, ICT, Mumbai

S. No.	Name of the course	Duration and dates	Speakers
3.	3 day Training Program on “Lab safety training and measurement uncertainty” as per the requirements of ISO/IEC-17025	6 <sup>th</sup> to 8 <sup>th</sup> October 2015	Mr Suresh Kumar, Freelance Consultant and Technical Expert, Former Director, CQA, Choksi Laboratories Ltd, Indore
4.	Series of special lectures on Mathematical modeling and statistical analysis and software used in food product development	9 <sup>th</sup> – 11 <sup>th</sup> October 2015.	Dr. NN Mishra, Scientist II, General Mills India, Mumbai
5.	Special Lecture on “Ongoing research and development and the job opportunities for Food Technology students at FICCI”	2 <sup>nd</sup> February 2016	Mr. Anaam Sharma, Sr. Asst. Director, Food Processing Unit, FICCI, New Delhi
6.	Special Lecture on “Processing of Meat and Meat Products”	23 <sup>rd</sup> -27 <sup>th</sup> February, 2016.	Prof B.D. Sharma, Former Head and Sr Scientist IVRI, Izzatnagar, Bareilly, U.P

**Training/orientation/refresher courses attended:**

S.No	Name of the course	Duration and dates	Participants
1.	Refresher course on “Food Safety and Public Health” at CFT, UoA	29 <sup>th</sup> March-18 <sup>th</sup> April 2015	Faculty of the centre attended
2.	Short term programme on Professional Development	7 <sup>th</sup> -13 <sup>th</sup> December, 2015.	Dr Pinky Saini, Dr Devinder Kaur and Dr Neetu Mishra
3.	“Microencapsulation methods for food and biotechnological applications” at CFT, UoA	26th – 28th November, 2015	Anil Pandey
4.	3 day training program on “Lab safety training and measurement uncertainty” imparted by S.Kumar as per the requirements of ISO/IEC-17025 at CFT, UoA	6th to 8th October 2015	Faculty and research scholars
5.	A three day training on Polymerase chain reaction (PCR) and Gel Doc system , in MRD life sciences Lucknow	6th – 8th November, 2015	Priyanka Singh
6.	A six day training on Polymerase chain reaction (PCR) and Gel Doc system , in MRD life sciences, Lucknow	20th – 25th January,2016	Rakesh Kumar Singh

**Awards/Honours/Fellowship received:**

- Dr. Devinder Kaur received 2<sup>nd</sup> prize in Poster Presentation at 3rd Uttar Pradesh Agricultural Sciences Congress, SHIATS, Allahabad, June 2015.
- Ms. Bhanu Sinha was awarded the Certificate of Excellence 201 (B Grade Certificate) an online exam under the International Paris Summit Climate Change Program COP21

**Other publications by the Department/Centre:**

S. No.	Title	Type	Author(s)	Publication	ISBN
1.	Proceedings on UGC Refresher course on “ Food Safety and Public Health”	Edited book (edB )	Yadav Neelam	Arvind Prakashan Agra	(ISBN:978-81-88492-62-6)

**Book /Chapter:**

S. No.	Title	Published in	Authors(s)	Journal Vol and ISSN/ Details and ISBN
1.	Development of Value added Products from Unexploited Indian Crops	Lambert Academic Publishing (2015)	Gupta Alka, Yadav Neelam	ISBN 978-3-659-40431
2.	The Changing Scenario of Indian Food Legislation, Proceedings of UGC Sponsored Refresher Course on Food Safety and Public Health	Arvind Prakashan, Agra (2015)	Yadav Neelam, Saini Pinki and Mishra Neetu	p. 32
3.	Acrylamide: formation, mechanism and mitigation strategies. The Changing Scenario of Indian Food Legislation. Proceedings of UGC Sponsored Refresher Course on Food Safety and Public Health	Arvind Prakashan, Agra (2015)	Yadav Neelam, Kaur Devinder, Puranik Vinita	p. 37
4.	Executive Editor, Bioherald: An International Journal of Biodiversity and Environment	(2015)	Chauhan,S.K	ISSN 2248-9061

**Seminars/Workshops/Conferences/Special Lectures:**
**Neelam Yadav**

- Organized a UGC sponsored Refresher course as Course- coordinator on “Food Safety and Public Health at Centre of Food Technology”, University of Allahabad, from 29<sup>th</sup> March to 18<sup>th</sup> April 2015.
- Invited speaker, on topic ,Potential application of bioactive peptides in the management of health and diseases on conference Need based modern trends in nutraceutical Research at WSFDT , SHIATS , 25th Feb 2015

**Devinder Kaur**

- Attended a UGC sponsored short term programme of Professional Development” at UGC, Human Resource Development Centre, University of Allahabad from 7<sup>th</sup> December to 13<sup>th</sup> December, 2015.
- Attended a UGC sponsored Refresher course on Food Safety and Public Health at Centre of Food Technology, University of Allahabad, from 29<sup>th</sup> March to 18<sup>th</sup> April 2015.
- Presented a poster “Utilization of legume milling byproduct for the development of value added product (High Fibre Product)” in 3<sup>rd</sup> Uttar Pradesh Agricultural Science Congress at Allahabad from 14<sup>th</sup> June 2015 to 16<sup>th</sup> June 2015.
- Presented a paper “Study on Functional Properties of Dietary Fibre from Chickpea and Pigeon Pea Husk” in National seminar on “Recent Developments and Prospects in the area of Food Biotechnology” organized by Association of Biochemical Engineers & Food Technologists and Department of Biochemical Engineering & Food Technology at HBTI Kanpur from 5<sup>th</sup> to 6<sup>th</sup> March 2016.

Presented a paper “Impact of Rice Bran Supplementation on Cookie Baking Quality” in Science & Technology for Ingenious Development of India at Department of Chemistry, University of Allahabad, Allahabad from 19<sup>th</sup> Feb 2016 to 21<sup>th</sup> Feb 2016, organized by Allahabad Chapter of Indian Science Congress Association

**Neetu Mishra**

- Delivered a lecture on “Antioxidant potential of Indian spices” as Resource Person in a National seminar on Nutraceutical and Indian cuisines organized by department of Biochemistry and Bioprocess Technology, SHIATS, Allahabad on 24, April, 2015.
- Delivered a lecture on “Importance of Distance Education in Health and Nutrition” in National seminar on Issues and Challenges of Distance Education-, from 05 to 06 September, 2015, organized by U.P RajarshiTandon Open University, Allahabad.

**Dr. Pinki Saini**

- Attended a UGC sponsored short term programme of Professional Development” at UGC, Human Resource Development Centre, University of Allahabad from 7<sup>th</sup> December to 13<sup>th</sup> December, 2015.

- Attended a Training Program on Measurement Uncertainty and Lab safety at Centre of Food Technology, University of Allahabad, from 6<sup>th</sup> to 8<sup>th</sup> October 2015.
- Attended a UGC sponsored Refresher course on Food Safety and Public Health at Centre of Food Technology, University of Allahabad, from 29<sup>th</sup> March to 18<sup>th</sup> April 2015.
- Presented a paper in National seminar on “Recent Developments and Prospects in the area of Food Biotechnology” organized by Association of Biochemical Engineers & Food Technologists and Department of Biochemical Engineering & Food Technology at HBTI Kanpur from 5<sup>th</sup> to 6<sup>th</sup> March 2016.
- Presented a paper in 4<sup>th</sup> Uttar Pradesh Agricultural Science Congress at CSA, Kanpur from 2<sup>nd</sup> March 2016 to 4<sup>th</sup> March 2016.
- Presented a paper in 3<sup>rd</sup> Uttar Pradesh Agricultural Science Congress at Allahabad from 14<sup>th</sup> June 2015 to 16<sup>th</sup> June 2015.

### Future Projections:

#### ❖ Proposed Projects/SAP Grants etc.

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process	Remarks
1.	CFT submitted a collaborative project to UGC under “Centre with potential for excellence in particular areas (CPEPA).	Development of modern tools for monitoring of Quality and Safety of Food’ with broad focus area “Food Safety and Quality	5 Years	9 Crore 84 Lakhs	Submitted on 29th September 2014 to the UGC	

### Outreach activities:

Activity	Date	No of Participants
One day workshop for students of CAV School, Allahabad. Lectures on “Nutrition for well being” and “Prospective of Food Technology” were imparted by the faculty members. Demonstration on Food Adulteration, Lab visit and Quiz Competition were also part of the activities conducted during the workshop.	October 2015	45
One day workshop for students of Bhavan’s Mehta Vidyashram, Bharwari, Kaushambi, Uttar Pradesh	9 <sup>th</sup> January 2016	35





Atomic Absorption Spectrophotometer



Dietary Fibre analysis equipment



Advanced Bio Scan and HPLC



Gas Chromatograph



High Pressure Liquid Chromatography (HPLC)

Facilities available at NABL Accredited Food Analysis & Research Lab



**Dr NN Misra, Scientist II General Mills India, Mumbai  
Delivering lecture to D.Phil Scholars**



**Low Calorie Recipe Contest**



**Mr. Anam Sharma, Sr. Asst. Director, FICCI, addressing the students during his presentation**



## CENTRE OF COMPUTER EDUCATION

### Introduction:

- The Centre of Computer Education was established under the Institute of Professional Studies, University of Allahabad in December 2000. Initially it offered to University students short-term courses on Computer Basics, Programming, Hardware & Networking, Web Design and Computer-Aided Financial Management and training for DOEACC 'O' Level examination.
- In 2004, the Centre started a one year Post Graduate Diploma Course in Computer Application (PGDCA) and in the year 2006 the Centre was granted full accreditation by DOEACC Society (An autonomous body of Dept. of Information Technology, Ministry of Communication & Information Technology, Govt. of India, New Delhi) for a period of 6 years to conduct DOEACC 'O' Level computer courses which has been extended up to 2017.
- Later in the years 2007 and 2008 courses Master of Computer Applications (MCA) and Bachelor of Computer Applications (BCA) were respectively initiated. The centre is also offering D.Phil. programme in Computer Application.
- Centre of Computer Education initiated an 'IEEE University of Allahabad Student Branch Chapter' on 23<sup>rd</sup> May 2011 thus becoming member of its various societies viz. Computer, Communication, Computational Intelligence, Control System, Signal Processing, Information Theory and Education. Under the aegis of the 'IEEE Branch Chapter' and 'IEEE Computer Society Branch Chapter' it is organizing seminars/workshops on emerging technologies, group discussions/debate, activities like clay modeling competition, spell-bee competition, creative writing completion, visit to industries and excursion etc for all round development of the students.
- The centre promotes industry academia interaction. The feedback of the industry experts on the curriculum delivered to the students at the undergraduate level and the post graduate level is obtained every year and the curriculum is accordingly updated. The final semester students of BCA and MCA are imparted project training through the industry experts so that the students may have a feel of working on near-live projects before they venture into the industry environment.

### Thrust Areas:

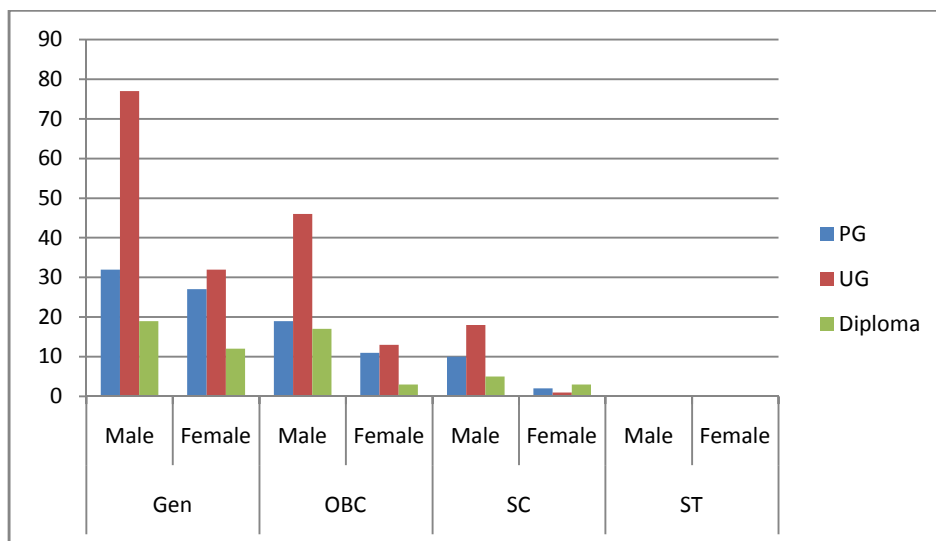
- Mobile Application Development
- High level Multi-lingual Search
- Machine Learning
- Information Retrieval

### Programme of Study:

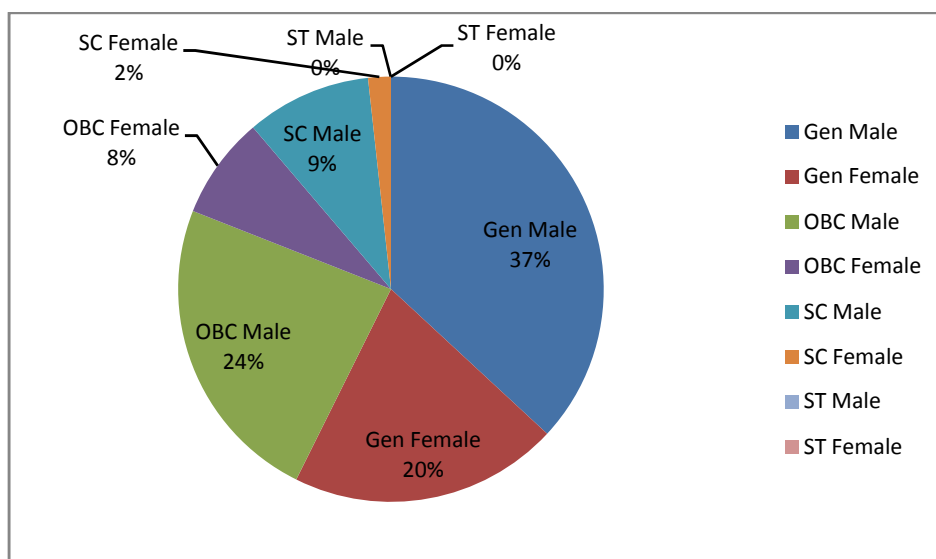
S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)		
2.	M.C.A(Master of Computer Applications)	3 years	40	Computer Applications
3.	B.C.A(Bachelor of Computer Applications)	3 years	80	Computer Applications
4.	P.G.D.C.A(Post Graduate Diploma in Computer Applications)	1 year	60	Computer Applications
5.	D.I.T (Diploma In Information Technology)		40	Information Technology

### Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
UG	77	32	109	46	13	59	18	1	19	0	0	0	141	46	187
PG	32	27	59	19	11	30	10	2	12	0	0	0	61	40	101
Diploma	19	12	31	17	3	20	5	3	8	0	0	0	41	18	59
<b>Total</b>	<b>128</b>	<b>71</b>	<b>199</b>	<b>82</b>	<b>27</b>	<b>109</b>	<b>33</b>	<b>6</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>243</b>	<b>104</b>	<b>347</b>



Student Enrollment for the Centre of Computer Education



Gender wise distribution of Students

Seminars/Workshops/Conferences conducted by the Department:

S. No.	Name of the Seminar/workshop/conference	Duration and dates	Funding/sponsor Agenc(y/ies)	No of Participants
1.	Seminar on Big Data: Challenges and Solutions	6 <sup>th</sup> October, 2015; 1 day	Self Financed	100
2.	Seminar on Sentiment Analysis & its Applications	31 <sup>st</sup> October, 2015; 1 day	Self Financed	100
3.	Seminar on Software Defined Network	18 <sup>th</sup> November 2015; 1 day	Self Financed	100
4.	Seminar on Multi Biometric Based System Identification	30 <sup>th</sup> January, 2016; 1 day	Self Financed	100
5.	Conference on Advances in Computing, Control & Communication	March 25-27, 2015; 3 days	DRDO, ISRO	Approx. 200

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S.No.	Name of the course	Dates	Speakers
1.	Personality Development Classes for MCA Fifth Semester Students	September 7 <sup>th</sup> - 11 <sup>th</sup> 2015; 5 days	Soft Skill Trainers from industry
2.	Shaping Minds for the New Millennium - Preparing for the 4th Industrial Revolution	20 <sup>th</sup> February, 2016; 1 day	Prof. M.M. Pant, Ex Pro VC, IGNOU
3.	Main Project Training of MCA & BCA Final Year Students	February 29 <sup>th</sup> , 2016 onwards, 1 month	Experts from M/s GTT, Pune
4.	Spell- Bee Competition	27 <sup>th</sup> January, 2016; 1 day	
5.	Creative Writing Competition	13 <sup>th</sup> February, 2016	
6.	Industrial Visit for MCA Final Year Students	20 <sup>th</sup> January- 26 <sup>th</sup> January, 2016	Experts from Global Talent Track, Barkleys and Zensar

**Funding received during the period (amount/purpose/agency):**

DRDO : Rs. 1.00 Lacs (for the International Conference during March 25-27, 2016)  
 ISRO : Rs. 0.75 Lacs (for the International Conference during March 25-27, 2016)

**Academic Organizations (headquartered in the department):**

S.No.	Name	Nature (National/ International)	Objectives
1.	IEEE Student Branch	International	A platform for interaction between the student's chapter and the local, national as well as international branches & it shall help in organizing seminars/ conferences.

**Journals published by the department:**

S. No.	Title	Nature (National/International)	Established	Annual/bi-annual /quarterly	ISSN
1.	The Commerce Journal	National	1960	Annual	2230-7222

**Future Projections:**

❖ **Proposed Projects/SAP Grants etc.**

S. No.	Type of Project/grant	Title/Name	Duration	Proposed amount	Proposed or In process	Remarks
1.	Product Development	Intelligent Signal Processing & Embedded System Design	3 years	Rs. 50 Lacs	Proposal being prepared	To be submitted to DRDO



IEEE Seminar on "Software Defined Networks"



International Conference On Advances In Computing, Control And Communication Technology

CENTRE OF MEDIA STUDIES

**Introduction:**

**History of the Dept:** The Academic Committee of the Institute proposed PG Diploma in Photojournalism & Visual Communication on 10<sup>th</sup> May 2003 which was approved by the Academic Council in June/July 2003. PG Diploma in Photojournalism & Visual Communication course was started in August 2003. The Centre started 3-year degree course B.A. in Media Studies from the session 2009-10 and 5-year Integrated B.Voc. & M.Voc. programme in Media Studies from the session 2015-16.

**Highlights:** Centre has adequate facilities, modern class rooms, computer lab, library and well equipped Digital Photography, Video Editing Lab and Media Research Cell.

**Thrust Areas:**

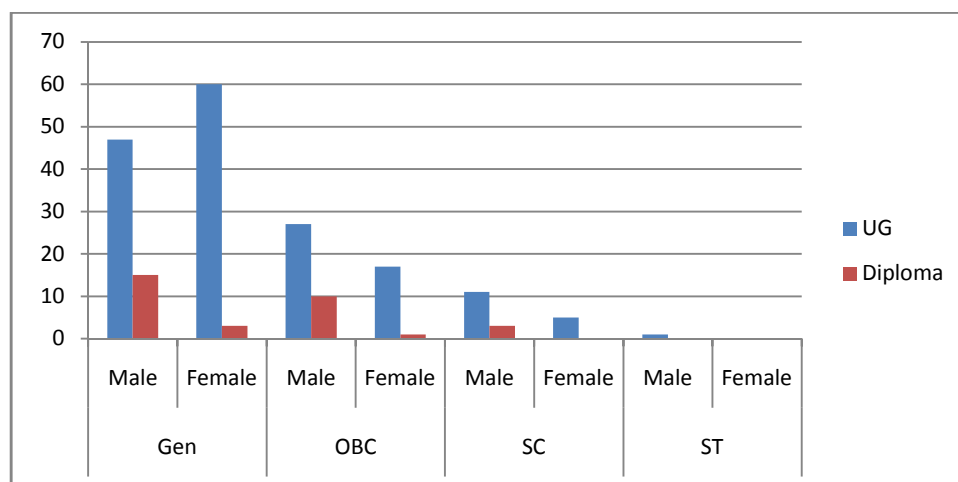
The Centre prepares students for employment in the media industry. The courses have been designed for the real world of contemporary media. Students work with industry standard equipment gaining skills in media production (print, broadcast and online), research, communication, reporting and media handling. We believe that a combination of writing and production skills either in print, television or radio; a broad understanding of the media and the ability to think critically are essential for people who are planning careers in the rapidly evolving media industry.

**Programme of Study:**

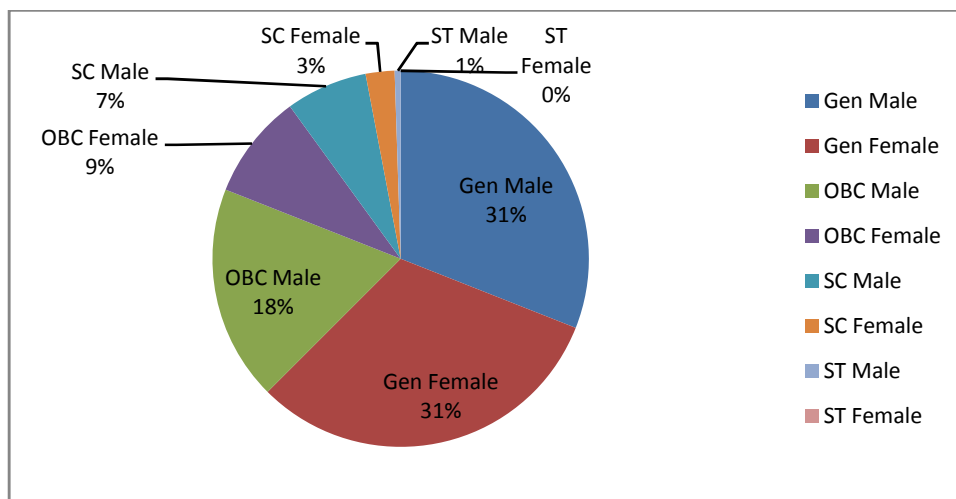
S. No.	Programme of Study	Duration	No. of Seats
1.	B.A. in Media Studies	3year	46
2.	B.Voc. and 5-year Integrated M.Voc. programme	3+2 year	40
3.	PG Diploma in Photojournalism & Visual Communication	1year	40

**Details of Students, Programme-wise and Reservation-wise (2015-16):**

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
UG	47	60	105	27	17	44	11	5	16	1	0	1	86	82	168
Diploma	15	3	18	10	1	11	3	0	3	0	0	0	28	4	32
<b>Total</b>	<b>62</b>	<b>63</b>	<b>123</b>	<b>37</b>	<b>18</b>	<b>55</b>	<b>14</b>	<b>5</b>	<b>19</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>114</b>	<b>86</b>	<b>200</b>



Student Enrollment for the Centre of Media Studies



Gender wise distribution of Students

**Seminars/Workshops/Conferences conducted by the Department/Centre:**

- International Seminar on “Effectiveness of Regional Organization And Role of Media in Conflict Management” Jointly Organised by Centre of Media Studies, Institute of Professional Studies, & Department of Defence, University of Allahabad
- The Editors Meet of Newspapers.
- 125<sup>th</sup> Birth Anniversary of Journalist & Freedom Fighter Ganesh Shankar Vidyarthi celebrated as Purna Diwas

**Seminars/Workshops/Conferences attended:**

Dhananjai Chopra attended seminar on साहित्य और पत्रकारिता के नये आयाम on July 23-24, 2015 organised by Uttar Pradesh Hindi Sansthan, Lucknow at Mahabodhi Vidya Parishad, Varanasi.

Dhananjai Chopra attended workshop on "Designing, Transacting and Assessing Courses Using Moodle-MOOC Platform" conducted on 27<sup>th</sup> and 28<sup>th</sup> June, 2015 at IPS, AU.

**Training/orientation/refresher courses/special lectures conducted by the Department/Centre:**

S. No.	Name of the course	Duration and dates	Speakers
1.	Summer School on Radio	16 days from 2 <sup>nd</sup> to 18 <sup>th</sup> June, 2015	<ul style="list-style-type: none"> <li>• Mr. Rehan Fazal, Desk Editor, BBC, New Delhi</li> <li>• Mrs. Ritu Rajpoot, Deputy Director, AIR, New Delhi</li> <li>• Mr. Anupam Pathak, Programme Executive, AIR, Lucknow</li> <li>• Ms. Sarita Brara, AIR, New Delhi</li> </ul>
2.	Workshop on TV Script Writing	2 <sup>nd</sup> to 4 <sup>th</sup> October, 2015	<ul style="list-style-type: none"> <li>• Mr. Priyadarshan, NDTV, New Delhi</li> </ul>
3.	Workshop on New Media and special reporting	29 <sup>th</sup> February, 2016	<ul style="list-style-type: none"> <li>• Professor Ram Sharan Joshi, New Delhi</li> </ul>

**Journals published by the department/Centre:**

S. No.	Title	Nature (National/ International)	Established	Annual/ bi-annual /quarterly	ISSN
1.	Journal of Media Studies	National	2011	Bi-annual	0976-1322
2.	'Bargad'	National	2006	Quarterly	02321-2586



### Other publications by the Department/Centre

Lab Newspaper 'SWAGAT'

### Outreach activities:

- During project work and survey students interact with society on various issues.
- During Summer School, centre organises village visit to interact with people on their problems and various issues.
- Film Making Workshop for Children at Bal Bhawan, Allahabad

### Any other information (about the department/Center)

- Industrial visit : The centre organises on regular basis visits to Media organisations - News Paper, Printing Press, Radio Stations, Transmission Stations and Television Studio for hands on.
- Educational tour : The centre organises tours to cover specific events like Pushkar Mela (Ajmer), Trade Fair (New Delhi), Kumbh Mela (Allahabad) etc.
- Saturday Club, Open platform for students to bring out and sharpen their creative fervor.
- Centre has established 'Resource Material Development Unit (RMDU) to develop the learning resource material for students of Media Studies



Workshop on TV Script Writing by Priyadarshan,  
NDTV, New Delhi



Workshop on New Media and special reporting Prof. Ram Saran  
Joshi, New Delhi



Visit to Printing Press



Cultural Programme at CMS

## CENTRE OF FASHION DESIGN & TECHNOLOGY

### Introduction:

- Centre of Fashion Design & Technology, Institute of Professional Studies, University of Allahabad is the premier institute in UP providing quality education in fashion design and technology. Housed in a modern 1000 sq. mtr. Building, the Centre has class rooms equipped with multimedia equipments, computer lab, textile lab, garment construction lab, a rich library & in house display/show area.
- Started in 2002 with a One year diploma. The Centre is currently running two diploma courses.
  - Two years Advanced Diploma in Fashion Design & Technology.
  - Two years Diploma in Computer Aided Fashion.
- In 2008 a three years B. A. in Fashion Design & Technology, started with 46 seats.
- In 2015 a five years integrated program in Fashion Design & Technology, started with 40 seats.

### Thrust Areas:

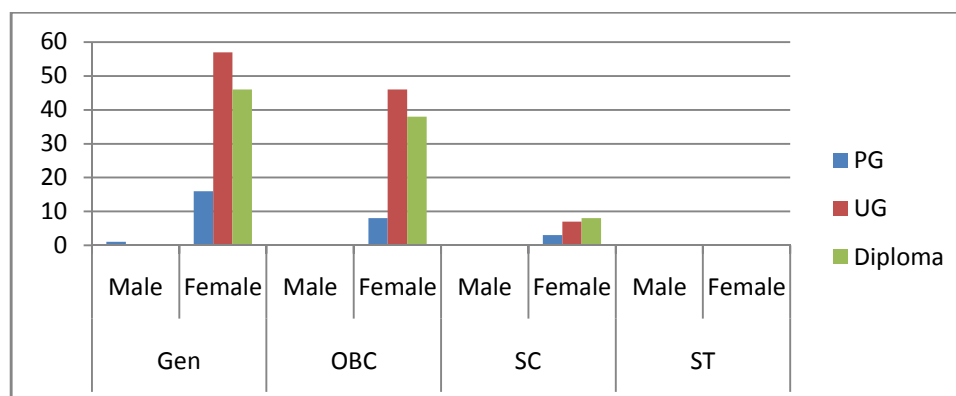
- Skill based education.
- Industry ready.
- Linkage between Industry & Acadmicia through Internship programs.
- Linkage between Market & Acadmicia through Exhibition cum Sale & Fashion Show.
- Creating channels for employments in Industries & also development Entrepreneurship.

### Programmes of Study:

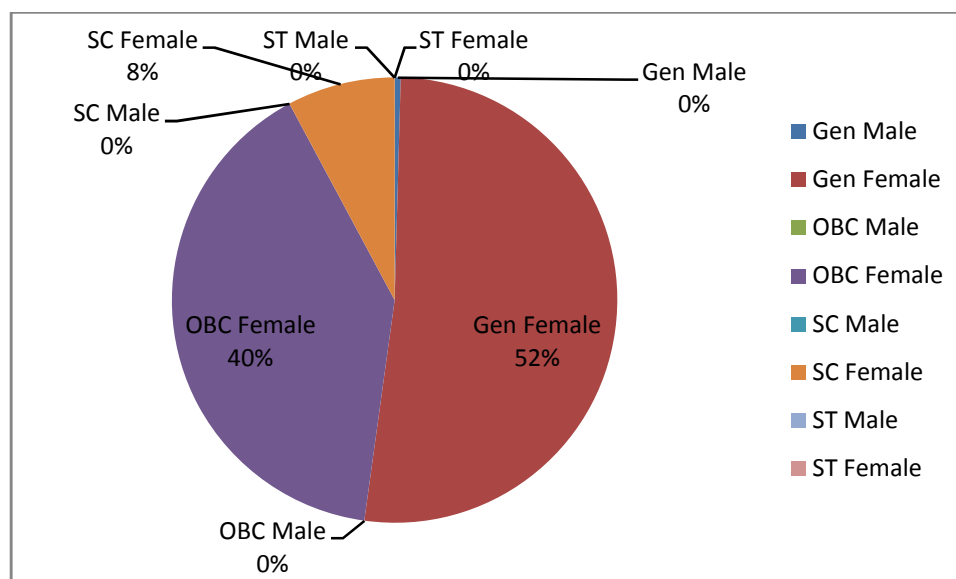
S. No.	Programme of Study	Duration	No. of Seats
1.	B.Voc. in Fashion Design & Technology	3 years	40
2.	M. Voc. in Fashion Design & Technology	2 Years	40
3.	B. A. in Fashion Design & Technology.	3 years	46
4.	2 years Advanced Diploma in Fashion Design & Technology.	2 years	40
5.	2 years Diploma in Computer Aided Fashion Design	2 years	40

### Details of Students, Programme-wise and Reservation-wise (2015-16):

Course	Gen			OBC			SC			ST			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>PG</b>	1	16	17	0	8	8	0	3	3	0	0	0	0	28	<b>28</b>
<b>UG</b>	0	57	57	0	46	46	0	7	7	0	0	0	0	110	110
<b>Diploma</b>	0	46	46	0	38	38	0	8	8	0	0	0	0	92	92
<b>Total</b>	<b>1</b>	<b>119</b>	<b>120</b>	<b>0</b>	<b>92</b>	<b>92</b>	<b>0</b>	<b>18</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230</b>	<b>230</b>



Student Enrollment for the Centre of Fashion Design & Technology



Gender wise distribution of Students

**Training/orientation/refresher courses/special lectures conducted by the Department/ Centre:**

S. No.	Name of the course	Duration and dates	Speakers
1.	Portfolio Development	23 <sup>rd</sup> - 25 <sup>th</sup> March 15 (3days)	Mr. Subhash Prajapati Lect. IIFT, New Delhi
2.	Use of soft-wares in fashion industry	23 <sup>rd</sup> - 25 <sup>th</sup> March 15 (3days)	Mr. Kaushalendra Tripathi Designer Communique Marketing solutions, Gurgaon
3.	Accessory design	10 <sup>th</sup> & 11 <sup>th</sup> April 15 (2days)	Mr. K. K. Babu, Asst Professor, NIFT Raebareli
4.	Accessory design	13 <sup>th</sup> April 15. (1day)	Ms. Madhavi Verma Faculty,INIFT, Kanpur
5.	Fashion Retail Management Fashion Marketing & Merchandising	28.07.15 to 30.07.15 (3 days)	Ms. Shipra Wadhava Rai Former, Associate Professor and Unit Incharge, NIFT, New Delhi
6.	Fashion Retail Management Fashion Marketing & Merchandising	11.08.15 to 13.08.15 (3 days)	Ms. Shipra Wadhava Rai Former, Associate Professor and Unit Incharge, NIFT, New Delhi
7.	Research Methodology	17.08.2015 to 21.08.15 (5 days)	Prof. P K Sahu, Dept. of Education, UoA
8.	Concept Development	31.08.2015 to 05.09.2015 (6 days)	Mr. Vishal C. Bhand, Asst Professor, Visva Bharati University, West Bengal
9.	Introduction to Couture Finishing Techniques	07.09.2015 to 12.09.2015 (6 days)	Mrs. Archana Ranjan, Asst Professor, IAM, New Delhi
10.	Fashion Retail Management	29.09.2015 to 02.10.2015 (5 days)	Ms. Shipra Wadhava Rai Former, Associate Professor and Unit Incharge, NIFT, New Delhi
11.	Concept Development	27.10.2015 to 30.10.2015 (4 days)	Mr. Subhash Prajapati Lect. IIFT, New Delhi
12.	Concept Development	03.10.15 to 04.10.15 (2 days)	Ms. Suchi Mathur, Design & Innovation Head, Ekdha, Lucknow



S. No.	Name of the course	Duration and dates	Speakers
13.	Basics of Textile	20.11.2015 & 21.11.2015 (2 days)	Dr. Roli Purwar, Asst Professor, Delhi Technological University, Delhi
14.	Concept Development	28.11.2015 to 29.11.2015 (2 days)	Ms. Suchi Mathur, Design & Innovation Head, Ekdha, Lucknow
15.	Fashion Retail Management	03.12.2015 to 04.12.2015 (2 days)	Ms. Shipra Wadhava Rai Former, Associate Professor and Unit Incharge, NIFT, New Delhi
16.	Concept Development	05.12.2015 to 06.12.2015 (2 days)	Ms. Suchi Mathur, Design & Innovation Head, Ekdha, Lucknow
17.	Fashion Forecasting	04.01.2016 to 05.01.2016 (2 days)	Mrs. Madhavi Verma Faculty, INIFT, Kanpur
18.	Introduction to Couture Finishing Techniques	06.01.2016 to 08.01.2016 (3 days)	Mrs. Archana Ranjan, Asst Professor, IAM, New Delhi
19.	Concept Development	16.01.2016 to 18.01.2016 (3 days)	Ms. Suchi Mathur, Design & Innovation Head, Ekdha, Lucknow
20.	Introduction to Couture	23.01.2016 to 26.01.2016 (4 days)	Mrs. Archana Ranjan, Asst Professor, IAM, New Delhi
21.	Fashion Forecasting Accessory Design	01.02.2016 to 06.02.2016 (6 days)	Mrs. Madhavi Verma Faculty, INIFT, Kanpur
22.	Fashion Forecasting Accessory Design	11.04.2016 to 13.04.2016 (3 days)	Mrs. Madhavi Verma Faculty, INIFT, Kanpur
23.	Fashion Forecasting Accessory Design	16.04.2016 to 22.04.2016 (7 days)	Mrs. Madhavi Verma Faculty, INIFT, Kanpur
24.	Fashion Image	27.05.2016 to 04.06.2016 (8 days)	Mrs. Madhavi Verma Faculty, INIFT, Kanpur



Garment Construction Lab at CFDT



'Aquatika' Exhibition by students of CFDT

## NATIONAL CENTRE OF EXPERIMENTAL MINERALOGY AND PETROLOGY

### Brief Description of NCEMP:

National Centre of Experimental Mineralogy and Petrology (NCEMP) is a University Institute and is a Research Unit. It was established for the advancement of high-pressure-temperature research in India. There are different types of High Pressure Temperature Equipments such as Multi-anvil High Pressure-Temperature apparatus (Unique in India), Piston Cylinder High P-T equipment, and hydrothermal apparatus. The centre also has sophisticated analytical equipments such as Electron Probe Micro Analyzer and powder XRD equipments for material characterization. It also has a well-equipped workshop and other technical facilities. The Centre has facilities for synthesis of advanced novel materials such as sol gel synthesis, melt quench, hot press and ball milling techniques.

Different types of research in the field of high pressure and high temperature physics and chemistry of the earth is being conducted in this lab. We are conducting experiments for measurements of conductivity, change in the phase, seismic velocity and rate of ascent of magma, etc. under high pressure and temperatures, and of nano polymer composite materials.

### Faculty Members and their Area of Reseach:

S. No.	Name	Designation	Area of Specialization
1.	Jayanta K. Pati	Professor (Director)	Experimental Mineralogy&Petrology, Impact cratering Research and Geology of Bundelkhand craton
2.	Kamlesh Pandey	Scientist-B	Nano-polymer Physics
3.	M.M. Dwivedi	Engineer/Scientist-C	Mineralogy & Petrology/Nano Polymer Physics

### Honours and other noteworthy activity not covered above.:

#### J. K. Pati:

Nominated by the Director General, Geological Survey of India as a Member of the National Working Group (NWG) for the International Geoscience Programme (IGCP) No. 599 (The Changing Early Earth) for the period between 2011 and 2015.

Propagated new areas of research in Planetary Geoscience, mainly involving Terrestrial Impact Cratering Research in the University as well as PLANEX (Planetary Exploration, Deptt. of Space, Govt. of India) Workshop, 2015 organized at the PRL, Ahmedabad as an invited Resource Person.

Accomplished the task of developing a Gemmology Laboratory in the Deptt.of Earth & Planetary Sciences with most gemmological equipments and acquiring a large number of gems and gemstones. This is aimed to strengthen academic-industry interface.

Under the flagship proposals of Ministry of Earth Sciences (MoES), Govt. of India, "Cratons and Greenstone Belts: New Approaches using high resolution geochronology", Professor J.K. Pati has been assigned to undertake studies on "Bundelkhand craton-gneisses".

Dr. Ambalika Niyogi, DST Women Scientist (WOS-B), "Mass pollution and mass extinction- tracing the traces of catastrophe using impact, volcanic and anthropogenic spherule in space and time".

Ms. Munmun Chakarvorty, D.Phil. student; D.Phil. Topic: "Monitoring of Environmental Pollution Using Dust Loaded Tree Leaves from Allahabad city, India, Space and Time". (D.Phil. Thesis submitted)

Ms. Maveria Usmani, D.Phil. student; D.Phil. Topic:"A Study of Spherules and Melts from Lonar Impact Structure, India"

Mr.Abhishek Kumar Rai, D.Phil. student; D.Phil. Topic: "Study of planetary analogues and related materials by using Laser Induced Breakdown Spectroscopy (LIBS)".

### Seminars/Workshops/Conferences/Special Lectures:

#### JK Pati:

- National Seminar on Recent Advances in Earth Sciences, (February 22-23, 2014), Sambalpur University, Odisha, Abstract Volume, pp.84.

- Sarkar, S., Saha, L., Nasipuri, P. and Pati, J.K. (2014) Late Archean potassic granites from the Bundelkhand craton, central India. European Geological Union (EGU-2014), Vienna.
- Sarkar, S., Saha, L., Satyanarayan, M. and Pati, J.K. (2015) Fractional Crystallisation of Archean Trondhjemite Magma at 12-7 Kbar: Constraints on Rheology of Archean Continental Crust, Geophysical Research Abstracts, European Geological Union (EGU-2015), v. 17, EGU2015-316-1.
- Sarkar, S., Patole, V., Saha, L., Pati, J.K. and Nasipuri, P. (2015) Mechanisms for strain localization within Archean craton: A structural study from the Bundelkhand Tectonic Zone, north-central India, Geophysical Research Abstracts, v. 17, European Geological Union (EGU-2015), v. 17, EGU2015-15424.
- Pati, J.K. (2014) National Seminar on Recent Advances in Earth Sciences, (February 22-23, 2014), Sambalpur University, Odisha
- Pati, J.K. (2015) 15<sup>th</sup> PLANEX (Planetary Sciences and Exploration Programme) Workshop (January 4-10, 2015), Physical Research Laboratory, Ahmedabad.
- Pati, J.K. (2014) National Seminar on Recent Advances in Earth Sciences, (February 22-23, 2014), Sambalpur University, Odisha
- Pati, J.K. (2015) 15<sup>th</sup> PLANEX (Planetary Sciences and Exploration Programme) Workshop (January 4-10, 2015), Physical Research Laboratory, Ahmedabad
- International Conference on Science and Engineering of Materials (ICEM-2014), Sharda University, Greater Noida 06-08 January, 2014.
- 1<sup>st</sup> International Conference on Non-Convectional Energy (ICONCE 2014). January 16-17, 2014. JIS College of Engineering.
- International Conference on Nano Structured Polymeric materials and Polymer nanocomposites. 13-15 November, 2015. IIUCNN, Mahatma Gandhi University, Kottayam-686560 (Kerala).
- Chakarvoty, M., Pati, J.K., Patil, S.K., Shukla, S., Niyogi, A. and Saraf, A.K. (2014): Physical characterization, magnetic measurements, REE geochemistry and bio-monitoring of dust-load accumulated during a protracted winter fog period and their implications. Environmental Monitoring and Assessment, v.186, 2965-2978. (Springer; DOI:10.1007/s1061-013-3594-4).
- Pati, J.K., Panigrahi, M.K. and Chakarvoty, M. (2014): Granite-hosted molybdenite mineralization from Archean Bundelkhand craton-molybdenite characterization, host rock mineralogy, petrology, and fluid inclusion characteristics of Mo-bearing quartz, J. Earth Syst. Sci., v. 123, 943-958.
- Niyogi, A., Pati, J.K., Panda, D., Chakarvoty, M. and Usmani, M. (2014): Micro-chemical analysis of anthropogenic spherules and its role in spherule type discrimination. Journal of Indian Chemical Society, v.91, 569-573.
- Pati, J.K., Reimold, W.U., Greshake, A., Schmitt, R.T., Koeberl, C., Pati, P. and Prakash, K. (2015): Pseudotachylitic breccia from the Dhala impact structure, north-central India: texture, mineralogy and geochemical characterization, Tectonophysics, v. 649, 18-32.
- Chakarvoty, M., Dwivedi, A.K., Shukla, A.D., Kumar, S., Niyogi, A., Usmani, M. and Pati, J.K. (2015): Geochemistry and magnetic measurements of suspended sediment in urban sewage water vis-à-vis quantification of heavy metal pollution in Ganga and Yamuna Rivers, India. Environmental Monitoring and Assessment (Springer), v. 187, 604 (1-17), DOI 10.1007/s10661-015-4794-x.
- Saha, L., Frei, D., Gerdes, A., Pati, J.K., Sarkar, S., Patole, V., Bhandari, A. and Nasipuri, P. (2015): Crustal geodynamics from Archean Bundelkhand craton, India: constraints from U-Pb-Hf isotopic studies, Geological Magazine, (Cambridge University Press), doi:10.1017/S0016756815000-692.
- Dwivedi, M.M., Asthana Nidhi., Pandey Kamlesh. (2014): Effect of different filler groups on ionic behavior of PVdF gel electrolyte system, Open journal of Chemical Engineering and Science, v. 1, pp. 26 (Abstract).
- Pandey, K., Dwivedi, M.M., Singh, M., Asthana, N. and Agrawal, S.L. (2014): Study of structural and dielectric behaviour on carbon nano tube dispersed {xPVF:(1-x)CH<sub>3</sub>COONH<sub>4</sub>}, Russian Journal of Electro Chemistry, doi 10.1134/s1023193513060116.

#### Kamlesh Pandey and M.M. Dwivedi

- Asthana, Nidhi., Pandey, Kamlesh., Dwivedi, M.M. and Tripathi, Mridula (2014): Synthesis and Characterisation of PVdF{(NH<sub>4</sub>)<sub>2</sub>(C<sub>4</sub>H<sub>8</sub>(COO)<sub>2</sub>)}:CNT gel electrolyte for LT Fuel Cell application, and IEEE explore ICONCE, p142-147.

- Dixit, Atishay., Asthana, Nidhi., Dwivedi, M.M. and Pandey, Kamlesh., (2014): Synthesis and Characterisation of PVdF-PEO blend based polymer electrolyte for DSSCs application. IEEE explore ICONCE, p173-176.
- Tripathi, Mridula., Chawla, Priyanka and Pandey, Kamlesh., (2014): Natural Photo synthesizer for dye sensitized solar cell, IEEE explore ICONCE, p43-46.
- Asthana, Nidhi., Dixit, Atishay and Pandey Kamlesh. (2014): Synthesis and Characterization of PVdF based Nanocomposite Membrane and their application in Solar Cell Devices, ICEM, Sharda University, Greater Noida, p243.
- Pandey, Kamlesh., Asthana, Nidhi and Dwivedi, M.M. (2015): Study of Structural and Conduction Behaviour in ionic Liquid based Polymeric Electrolyte membrane with layered Filler. European journal of Engineering and Technology 2(3) :96-101.
- Pandey, Kamlesh., Dwivedi, M.M. and Asthana, Nidhi (2015): Effect of Synthesis process on Ionic Conduction and Mobility of FlyAsh Based Polymer Composite Electrolyte. Journal of Advance Physics Vol. 3 No.4, 329-333.
- Dwivedi, M.M., Asthana Nidhi., Chaturvedi, S,K. and Pandey Kamlesh. (2015): Study of Phase crystallinity Effect on ionic Behaviour of PVdF based Nanocomposite Membrane. Journal of Nano Science and Nanotechnology (accepted).
- Pandey, Kamlesh., Asthana, Nidhi and Dwivedi, M.M. (2015): Importance of Polymer Membrane technology for the production of safe water. ICNPM, International and Inter University Centre for Nano Science and Nano Technology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerela.

## GOVIND BALLABH PANT SOCIAL SCIENCE INSTITUTE

### Introduction:

- The **Govind Ballabh Pant Social Science Institute** became a Constituent Institute of the University of Allahabad on July 14, 2005, when the University of Allahabad Act, 2005 came into force. Established in 1980 as one in the network of Social Science Research Institutes, which Indian Council of Social Science Research (ICSSR) set up in association with the State Governments, in our case, the Government of Uttar Pradesh, the Institute entered privileges of the University of Allahabad in 2005. The Institute undertakes interdisciplinary research in the field of social sciences.
- The main areas of research at the Institute include development planning and policy, environment, health and population, human development, rural development and management, culture, power and change, democracy and institutions.
- The Institute has M.Phil and D.Phil in social sciences and a MBA Rural Development Programme. In both programmes the degree is awarded by the University of Allahabad.

### Thrust Areas:

The Institute research is now focusing on the following three areas: **Economic and Social Policies and strategies wherein** the major concerns include agrarian structure, issues related to land, labour and employment; environment, disaster, poverty and climatic change; food security; development related displacement and most importantly institutions and development. Social policy concerns include population growth and resource constraints, which are of utmost importance to the most densely populated state of Uttar Pradesh; problem associated with ageing; intergenerational transmission of advantages and disadvantages of education, health and stamina; the inter-relationship of under nutrition, health and eco-systems; enlarging human choices: securing freedom, well-being and dignity for every human being; and gender and development issues. **Culture, Politics and Society:** Concept of power, popular cultures, memory and past, orality and printed knowledge of Dalit, subaltern and other marginalised communities, local knowledge, structures and forms of subaltern cultural consciousness and linkage between cultural resources of the communities and process of development. Newly emerging public cultures, new turns in religious practices, mobile communities and moving images in globalised world, diasporic cultures, various forms of identity politics, cinema and media and relationship between politics, culture and state in colonial and contemporary India. Explorations of alternative public sphere, dissenting voices, social and political literatures, political representations and emancipator and syncretic cultural forms. **Democratic Processes and Institutions:** concept of justice in democratic processes, relationship between social justice and marginalities, governmentality, new modes of participatory governance, popular aspirations and new social movements, formation of civil societies, state, power and citizenship and public sphere as space of democratic deliberations of post colonial Indian society. Issues of human suffering, forced displacement and migration, human rights and women dignity in contemporary globalisation induced developmental democracy. Exploring democratic processes at work, in different contexts, at different levels and their consequent interplays, understanding inclusionary and exclusionary politics with respect to ethnic and religious identities, changing contours of domestic politics under the influence of international forces.

### Programme of Study

S. No.	Programme of Study	Duration	No. of Seats	Specialization(s)
1.	D. Phil	5 years (includes course work)	18	Social Sciences
2.	MBA-RD	2 Years	46	Rural Development
3.	M.Phil, Ph.D. Integrated Programme	2 Years	20	Development Studies
4.	Post Doctoral Fellow	3	10	Sociology and Psychology

**Faculty Members and their Area of Reseach:**

S. No.	Name	Designation	Area of Specialization
1.	A.R. Mishra	Associate Professor	Political Science
2.	Archana Singh	Assistant Professor	Cast and General
3.	Badri Narayan	Professor	History
4.	Bhaskar Majumder	Professor	Economics
5.	Bimal Kumar	Associate Professor	Economics
6.	Chandraiah Gopani	Assistant Professor	Political Science
7.	G.C. Rath	Professor	Sociology
8.	K.N. Bhatt	Professor	Economics
9.	Kunal Keshra	Assistant Professor	Demography
10.	Pradeep Bhargava	Director/Professor	Economics
11.	S.K. Pant	Professor	Economics
12.	SatendraKumar	Assistant Professor	Sociology
13.	Sunit Singh	Professor	Economics
14.	U. Kalpagam	Professor	Professor in Economics

**Support Staff:**

S. No.	Name	Gender	Designation/work
1.	Sri Anjesh Kumar	Male	Computer Programmer
2.	Sri Suresh Tiwari	Male	Section Officer (Admin.)
3.	Sri Vinod Gautam	Male	Senior Assistant
4.	Sri P.K. Agarwal	Male	Office Assistant
5.	Jai Kumar Chaubey	Male	Office Assistant
6.	Sri Praveen Singh	Male	Office Assistant (Guest House)
7.	Sri Lal Bahadur	Male	Library Assistant
8.	Dr. Vinod Kumar Tiwari	Male	Office Assistant (MBA-RD)
9.	Sri Surendra Singh Nagi	Male	Office Assistant
10.	Sri B.J. Bose	Male	Office Assistant
11.	Sri Lal Deo Yadav	Male	Office Assistant
12.	Sri V.S. Pandey	Male	Electrician/Plumber
13.	Sri Ramesh Kumar	Male	Office Assistant (Account)
14.	Sri B.B. Mishra	Male	Library Assistant
15.	Sri Anwar Ali	Male	Technical Assistant
16.	Sri V.B. Singh	Male	Jr. Office Assistant
17.	Sri Ganesh Shah	Male	Driver/Grade II
18.	Sri Phool Chand	Male	Multi Purpose Worker
19.	Sri M.P. Bind	Male	Multi Purpose Worker
20.	Sri Jahid Ali	Male	Multi Purpose Worker
21.	Sri S.Q. Hoda	Male	Multi Purpose Worker
22.	Sri Satya Narain	Male	Multi Purpose Worker
23.	Sri Ram Sewak	Male	Multi Purpose Worker
24.	Sri S.B. Jha	Male	Multi Purpose Worker
25.	Sri H.P. Adhikari	Male	Multi Purpose Worker



S. No.	Name	Gender	Designation/work
26.	Sri S.N. Kunwar	Male	Multi Purpose Worker
27.	Sri Prakash Chand	male	Multi Purpose Worker
28.	Sri Azad	Male	Multi Purpose Worker

**Seminars/Workshops conducted by the Department:**

S. No.	Name of the Seminar/workshop/conference	National / Inter-national	Duration and dates	Funding/ sponsor Agenc(y/ies)	No of Participants	No. of Papers presented
1.	National Consultation on System of Rice Intensification for Increased Productivity and Ecological Security	National	April 06-07, 2015	UGC Fund	35	7
2.	Religion and Society	National	23.11.2015	UGC Fund	45	10
3.	Transformations and Transitions of the Rural in India: Mapping Trajectories, Analysing Challenges and Possibilities	National	December 18-20, 2015	ICSSR, New Delhi	60	20
4.	Most Marginalised Dalits: Mobilizations and Struggles for Justice	National	29-30 March, 2016	ICSSR New Delhi	15	46

**B.Seminars/Workshops/Conferences attended:**

**Pradeep Bhargava**

1. National Consultation on System of Rice Intensification for Increased Productivity and Ecological Security on April 06-07, 2015 at G.B. Pant Social Science Institute, Allahabad.
2. Word Yoga Day Celebration on June 21, 2015 at Govind Ballabh Pant Social Science Institute, Allahabad.
3. Social Development: Health, Education, Poverty, Social Backwardness, Housing & Environment on 29<sup>th</sup> June, 2015 – Statistics Day at University of Allahabad, Allahabad.
4. Meeting of the Board of Studies, Department of Economics is scheduled on 24.07.2015 at Indira Gandhi National Tribal University, Amarkantk.
5. Prof. P.C. Jain Memorial Lecture on 20<sup>th</sup> July, 2015 at MONIRBA, University of Allahabad, Allahabad.
6. Role of Educational Institutions in U.P. in Impacting Health Concerns of Women and Children on 28<sup>th</sup> July, 2015 Allahabad University Guest House, Allahabad.
7. Two Week Capacity Building Programme on Research Methodology as a New Orientation for Faculty Members in Social Sciences on 29<sup>th</sup> July to 11<sup>th</sup> August, 2015 at Banaras Hindu University, Varanasi.
8. शहीदे आजम भगत सिंह जन्म समारोह on 28 September, 2014 at लाल चौक, झूसी, इलाहाबाद
9. Scientific Order Disorder Concepts Leading of Socio- Economical Developments on 17-18 October, 2015 at Govind Ballabh Pant Social Science Institute, Allahabad
10. Religion and Society on 23.11.2015 at G.B. Pant Social Science Institute, Allahabad.
11. खुर्शीद स्मृति संवाद-2 धर्म-निरपेक्षता की हिंदुस्तानी सोच on November 22, 2014 at साधना सदन, इलाहाबाद
12. Consultation with academic/Research institution heads on concurrent evaluation of Rural Development Programme on 15 September, 2015 at Krishi Bhawan, New Delhi.
13. Transformations and Transitions of the Rural in India: Mapping Trajectories, Analysing Challenges and Possibilities on December 18-20, 2015 at G.B. Pant Social Science Institute, Allahabad.
14. An interdisciplinary study of the Baiga: To develop a database to be used for inputs for sustainable development from 2<sup>nd</sup> to 4<sup>th</sup> March, 2016 at Indira Gandhi National Tribal University, Amarkantak.
15. Most Marginalised Dalits: Mobilizations and Struggles for Justice on 29-30 March, 2016 at G. B. Pant Social Science Institute, Allahabad.



16. Orientation Programme for the Research Scholars and Faculty Members belonging Scheduled Tribes and other Marginalized Groups from 31.03.2016 to 03.04.2016 at G. B. Pant Social Science Institute, Allahabad.

**K.N. Bhatt:**

1. Coordinator, National Consultation on System of Rice Intensification for Increased Productivity and Ecological Security, Organized by G.B. Pant Social Science Institute, Allahabad, April 6-7, 2015.
2. Presented a paper on “Equity Focused Development and Globalization: Insights from an Evaluation Study of Child Labour in Glass Industry in India” in Global Evaluation Week and Community of Evaluators South Asia Conclave 2015 on Building Bridges: Use of Evaluation for Decision Making and Policy Influence, Organized by Community of Evaluators-South Asia in Collaboration with Global Evaluation Partners, Hotel Yak and yeti, Kathmandu, Nepal, November 23-27, 2015.
3. Chaired a Session and Presented a Paper on “Gandhian Concept of Decentralized Indian Economy: Some Insights for Improving Governance” in an International Conference on Shifting the Governance Paradigms to Enhance Trust in Government, Organized by Asian Group for Public Administration, International Institute of Administrative Science, Brussels and Korean Institute of Public Administration, Seoul, South Korea, at Grand Hilton Hotel, Seoul, South Korea, September 2-4, 2015.
4. Delivered a Keynote Address on ‘Enhancing National Integrity and Public Service Quality’, in an International Conference on Shifting the Governance Paradigms to Enhance Trust in Group for Public Administration, International Institute of Administrative Sciences, Brussels and Korean Institute of Public Administration, Seoul, South Korea, at Grand Hilton Hostel, Seoul, South Korea, September 2-4, 2015.
5. Delivered an Invited Lecture on “Finger Miller for Nutrition, Health and Ecological Security: Increasing its Productivity Through SFMI” in Cornell Institute for Public Affairs, International Programs-College of Agriculture and Life Sciences (IP-CALS), Cornell Univeristy, Ithaca, New York, USA, June 5, 2015.
6. Presented a paper on “Learning from Evaluation Studies of Literacy Campaigns in India” organized by the Canadian Evaluation Society as its 36<sup>th</sup> annual event 2015 at Hotel Sheraton, Montreal, Quebec, Canada, May 24-27, 2015.
7. Chaired a Session and Presented a Paper on Corporate Social Responsibility and Sustainable Development in an International Conference on Science, Technology and Ssociety Organized by Indore Christian College, Indore, March 21-22, 2015.
8. Presented a Paper on Women and Land Rights in a National Seminar on Gender Discrimination, Harassment at Work Place and Social Work Intervention, Sponsored by ICSSR and Organized by Udaipur School of Social Work, JRN Rajasthan Vidyapeeth (Deemed) University, Udaipur, Rajasthan, February 27-28, 2015.

**A.R. Mishra**

1. National Consultation on System of Rice Intensification for Increased Productivity and Ecological Security on April 06-07, 2015 at G.B. Pant Social Science Institute, Allahabad.
2. Co-ordinated Seminar on Religion and Society on 23.11.2015 at G.B. Pant Social Science Institute, Allahabad.
3. 4<sup>th</sup> National Symposium of Rural Management Schools 2015 on November 28-30, 2015 at G.B. Pant Social Science Institute, Allahabad.
4. Transformations and Transitions of the Rural in India: Mapping Trajectories, Analysing Challenges and Possibilities on December 18-20, 2015 at G.B. Pant Social Science Institute, Allahabad.
5. Most Marginalised Dalits: Mobilizations and Struggles for Justice on 29-30 March, 2016 at G. B. Pant Social Science Institute, Allahabad.
6. Orientation Programme for the Research Scholars and Faculty Members belonging Scheduled Tribes and other Marginalized Groups from 31.03.2016 to 03.04.2016 at G.B. Pant Social Science Institute, Allahabad.

**Archana Singh**

1. National Seminar on “Archiving Marginalities: Documenting Nararatives of the Oppressed” on March 16-17, 2016 at JNU, sponsored by ICSSR. Title of the Paper: ‘Introducing a Dalit Archieve: forging new Meanings’.
2. International Seminar on Life-World and Consciousness at Loyola College, Chennai on 3, 4 and 5 March, 2016 sponsored by ICPR, Title of the paper: Life world of Dalit Women – an Emerging Counter public.
3. National seminar on the theme “Elusive Equality: Mapping Social Hegemony in India: on 19<sup>th</sup> and 20<sup>th</sup> of February 2016, organised by Department of Sociology, Univeristy of Hyderabad under UGC-SAP. Title of the paper: Deconstructing the Language of Hegemony.

4. National seminar on 'Affirmative Action and Social Inclusion of Marginalized' organized by ICSSR, New Delhi at Ujjain on December 17-18, 2015. Title of the paper: Struggling for Social Inclusion: Narratives of Dalit Women.
5. National Seminar on Dalits in India: Debating Subalternity and Exclusion. Organised by ICSSR, New Delhi at BHU, Varanasi on September 30- October, 1, 2015. Title of the Paper: Deconstructing Marginality.

**Training/orientation/refresher courses/special lectures conducted by the Department:**

S. No.	Name of the course	Duration and dates	Funding/sponsor	Speakers
1.	Orientation Programme for the Research Scholars and Faculty Members belonging Scheduled Tribes and other Marginalized Groups	National	31.03.2016 to 03.04.2016	ICSSR, New Delhi

**Funding received during the period (amount/purpose/agency):**

S.No.	Funding Agency	Purpose	Amount
1.	UGC Plan	Annual Grant	(Lacs) 522.00
2.	XII Plan		100.00

## STUDENTS' WELFARE ACTIVITIES

The year that has gone by was marked with the DSW set up making tangible gains by way of consolidation and giving thrust to its major initiatives. The year also erased the shadows/pangs of transition in a large measure. Better amenities, larger financial allocation in assistance to students, better healthcare, hygiene, sporting activities and, the last but not least, the hard fought and won peace and tranquility in hostels and the campus have been the cornerstone of the multifaceted activities of the preceding year. Progress and development have been at the core of all DSW and his team endeavors. The progress, though slow but surefooted, has instilled yet greater resolve to pursue the unfinished agenda of growth. Unquestionably the mood at the DSW set up has been upbeat and triumphant.

Here are some of the modest successes achieved through sustained team spirit and camaraderie to which the DSW Board, teachers, officers, staff, and students have contributed immensely.

### Welfare Measures (General)

Disbursal of Rs. 20,000,00/- as scholarship to poor though meritorious students under the Government of India sponsored Merit cum Means Based Scheme.

Financial assistance towards meeting partial expenses for medical treatment to students suffering from serious diseases, accidental injuries etc.

### Health Facilities of Students:

- University Health Centre is running for the medical welfare of students and employees of the University under the supervision of Senior Medical Officer. Free of cost medicine are provided to bonafide students of the university. Also there is separate dispensaries for male and female students. One homoeopathy doctor is also engaged by the University. Two ambulances were working for the transport facility of the university.

### Students Union Election:

- Election for the student union was held in the session 2015-16. The students union office-bearers given encouragement, aid, and guidance, to organize various student related activities. As such, a large number of seminars, conferences, and, Departmental cultural program were held under the auspices of student union.

### Welfare of Physically challenged students.

Jawaharlal Nehru Centre for Differently Abled Students has been the nodal Centre for facilitating and supporting academic and digital inclusion for the differently abled students of the University of Allahabad. In the session 2015-2016, it continued to provide the necessary academic resources for the students. It is equipped with computers, scanners, several screen reading software's (specially meant for visually challenged) etc. The Centre was established in 2009 and, therefore, it was a high time overhaul these facilities. In pursuance of this 11 computer systems were overhauled for their efficient functioning. Further, the problem of access and the provision of barrier free environment for the differently abled students was addressed. It was declared by the University Administration that barrier free buildings are a necessary pre-condition for facilitating the educational inclusion of differently abled students and, in pursuance of this, designs for railing and ramps etc have been cleared for the old departmental building of the University. At present the work for provision of barrier-free building is at an advance stage. The grievances of the differently abled students regarding hostel allocation were addressed and they were allotted room in the University hostels on a priority basis. Also, given the constraint of space in the hostel, the Jawaharlal Nehru Centre for the Differently Abled Students was actively involved in facilitating the admission of students in the hostels for the visually-challenged students run by the State Government. Due to the support and facilitation by the Centre even some visually challenged student could do well in the competitive examination for professional courses and jobs. The differently abled students who could not get admission in University hostels were accommodated in State Government hostel through the efforts of the centre.

### Hostels (Boys and Girls)

- The legal students were given the possession after evicting the illegal occupants.
- The internet Wi Fi facility of the hostels of the university was upgraded.
- Installation of Water purifiers to ensure supply of pure drinking water for the residents of the hostels and students at large on the campuses.

- Pure drinking water and sanitation for hostels and University departments

### **Measures to enforce discipline, law and order in the Hostels and the Campuses**

- Setting up of anti ragging cell to monitor/redress the menace of ragging in hostels and campuses. Teams made massive surprise checks and succeeded in containing incidence of ragging. Thankfully constant vigil resulted in no serious cases of ragging.
- Periodic raids/strict vigilance of combined teams of DSW/Proctorial board and Warden/Superintendent of the hostels carried out to evict anti social elements/ students with criminal records. Tough measures to enforce discipline yielded positive results.
- Organized Meditation/Yoga and health check up camps in the hostels & University Health Centre in collaboration with various prominent NGOs working in this area. Health check up camps for girl students organized on Sundays in collaboration with Women's Advisory Board (WAB) were largely attended

### **Scholarship and financial assistance to the students by the DSW office**

- Disbursal of Rs. 20,000,00/- as scholarship to poor though meritorious students under the Government of India sponsored Merit cum Means Based Scheme . The scholarship awarded to maximum 400 students of UG/PG/IPS/Professional courses @ Rs. 5000/- per student for a session. For the session 2015-16, 402 eligible students were awarded McM scholarship.
- Financial assistance towards meeting partial expenses for medical treatment to students suffering from serious diseases, accidental injuries etc.
- Financial assistant for the purchase of books to the poor students out of Poor Boys Funds account. For the session 2015-16, 302 eligible students were awarded Rs. 660/- each.
- Financial assistant for the cultural programme in the various departments of the University were granted.
- Financial assistance was also given to students of different units of the University for organizing their annual functions. The Jawaharlal Nehru Centre for Differently abled students organized International Day for persons with disability under the aegis of DSW office.

## JAWAHARLAL NEHRU CENTRE OF DISABILITY NU

### Celebration of 20 years of Persons with Disability (PwD) Act on August 4, 2015

A function organized by JNCEDAS for celebration of 20 years of PwD Act. As part from the function a camp to distribute tricycles, wheelchairs and crutches free of cost to the students was organized. An innovative aspect of the function was the initiative taken by the JNCEDAS to enlist the services of an international organization Dr. Reddy's Foundation (DRF). DRF held an orientation programme to sensitize the students about the various training programmes it conducts for differently-abled youth to build their capacities in soft skills eventually meant to enable them to face competition in the job market. These soft skills include computer skills, English conversation, quantitative test, PR skills etc. Dr Alok Prasad, Coordinator JNCEDAS said that a person with a simple higher education degree is considered unsuitable for corporate sector jobs unless he has these simple but vital "soft skills". Thus, these skills bridge the gap between university training and aspirations of recruiters in corporate job market.

Prof. N.R. Farooqi, Vice Chancellor AU, was the Chief Guest while Prof. J. Ansari (DSW) was the Guest of Honour. Prof. Siddhnath of Law Department was the key note speaker while A.R. Siddiqui proposed vote of thanks.

Prof. Farooqi declared that the Academic Council has passed the proposal for establishing a new Department in AU Centre for Disability Studies. This Centre will be one of kinds as it will carry out teaching and research in the pioneering area of "**Disability Studies**". Prof. Ansari said that a committee to look into various aspects of vocational courses affiliated to Rehabilitation Council of India in the field of rehabilitation of Differently-Abled will be set up soon. He said that an in principle approval for the upgradation of digital technologies and devices at the JNCEDAS has been made by the ICT Cell of A.U. Dr. A.R.Siddiqui said that the JNCEDAS can deliver the goods more meaningfully only if the students gave the feed back an even most modest problems faced by the A.U. Mithilesh Kumar, Anirudh Kumar, Ajay Mishra, Devi Singh, Devendra Rajput were among those who activity participated in the functions.

### World Disability Day function

A function to celebrate International Day for the persons with Disabilities ( IDPD) was organized by Jawaharlal Nehru Centre for Differently Abled Students ( JNCEDAS) of University of Allahabad (AU) on December 3, 2015. The theme of this year's IDPD under the UN mandate was "**Inclusion Matters: Access and Empowerment of all persons of all abilities**" Prof. A Satyanarayan, Vice Chancellor ( AU) was the chief guest while Prof. A.R. Siddiqui (DSW) was the guest of Honour of the function. It was presided over by Prof. Siddhnath and conducted by the Coordinator JNCEDAS Dr Alok Prasad.

In the run up to the function an Essay writing competition on the topic "**Relevance and Reforms in Student union in Indian Universities**" was organized in Student union in Indian Universities" was organized on 1 December, 2015. Anjul Kumar Srivastava, (B.A. III student) who is fully visually challenged was adjudged as the best essay writer while Alok Kumar and Raj kumar secured second position and third position respectively.

Prof. A. Satyanarayan, who is an eminent sociologist, expressed his concern about the growing "**digital divide**" and emphasized that technology can be an enabling and empowering instrument to give access to learning resources for the differently abled. He said the proposal for an advance studies centre in the field of Disability Studies will be considered and ratified by the next Academic council. He distributed prizes to the winners of the essay and the debate competition which were organized for the differently abled students of the university in the run up to the IDPD function. The topic of the debate "**The Social Networking sites are the boon for the Differently Abled Persons**" Anjul Srivastava, Ram Kumar Yadav and Tanmay Malviya secured First, Second and Third position respectively in the debate competition.

## ATHLETIC ASSOCIATION

**Introduction:**

The aim and object of the Association are to promote physical well being of the University students in general, by providing facilities for game and sports and by organizing competition and tournaments. Keeping in mind, the aims and objectives, the activities of the Association are planned. In spite of the infrastructural deficiency and resource crunch, the Association has been able to achieve National and International level achievements. A brief report about the achievements of the Association are as follows:

**University level activity.**

Selection trials/Coaching Camps were organized in different discipline for the final selection of the University teams. The selected teams participated in U.P. Championships / Local Tournament before their final departure for the Inter University Tournaments.

**Inter University Level Activity**

Total number of 32 (Thirty Two) teams participated in North Zone/Inter Zonal/All India Inter University Tournaments. The break up of the participating teams is as follows:

**Zonal Level Teams ( North Zone)**

Badminton (M), Badminton (W), Basketball (M), Basketball (W), Chess (M), Cricket (M), Football (M), Handball (M), Handball (W), Hockey (M), Hockey (W), Kabaddi (M), Kho-Kho (M), Kho-Kho (W), Table- Tennis (M), Table- Tennis (W), Tennis (M), Volleyball (M) and Volleyball (W) teams participated in North Zone Inter University Tournaments

**Inter Zonal Level Team**

Table-Tennis (W) team participated in Inter Zonal Inter University Tournament.

**All India Level Teams**

Athletic (M), Boxing (M), Gymnastic (M), Gymnastic (W), Rowing (M), Swimming (M), Simming (W), Taekwondo (M), Taekwondo (W), Wrestling (M) Yoga(M) and Yoga (W) teams participated in All India Inter University Tournaments.

**Achievements/awards.**

- (i) **Table-Tennis (W) Team secured 11th place** in North Zone Inter University Tournament held at Delhi University, Delhi and qualified for **Inter Zonal** Inter University Tournament held at Bhopal.
- (ii) Individual details are recorded as under:

Name of player	Name of championship	Event	Medal
Abhijeet Kumar	All India Inter University Gymnastic	Parallel Bar and High Bar	02 Gold
		Vaulting Table	01 silver
		All round event and Rings	02 Bronze
Mohd Aqib	All India Inter University Gymnastic	High Bar	01 Bronze

## NATIONAL SERVICE SCHEME (NSS)

### Introduction:

In India, the idea of involving students in the task of national service dates back to the times of MAHATMA GANDHI. The central theme which he tried to impress upon that the first duty of the students should be, not to treat their period of study as one of the opportunities for indulgence in intellectual luxury, but for preparing themselves for final dedication in the service of those who provided the sinews of the nation with the national goods and services so essential to society. The National Service Scheme (NSS) was started on September 24, 1969 during the GANDHI CENTENARY YEAR as it was GANDHIJI who inspired the Indian Youth to understand their social responsibility, establish a meaningful linkage between the campus and the community for social uplift of the down-trodden masses of our nation. Starting with an enrolment of 40,000 students in 37 universities in 1969, the coverage of NSS students, in 2015-16 increased to 34,00,000 students of 336 Universities, Colleges, Technical and management institutes and +2 councils in 35 states and union territories.

The overall aim of NSS is to give an extension dimension to the higher education system and orient the student youth to community services. The educated youth who are expected to take the reins of administration in future are found to be unaware of the problems of the villages/slums. Therefore it is necessary to arouse the social conscience of the students, and to provide them an opportunity to work with the people in the villages and slums. It is felt that their interaction directly with the common villagers and slum dwellers will expose them to the realities of life and bring about a change in their social perception.

The primary objective of National Service Scheme (NSS) is:

### “PERSONALITY DEVELOPMENT OF VOLUNTEERS THROUGH COMMUNITY SERVICES”

Secondary objectives are:

- i. Understand the community in which they work.
- ii. Understand themselves in relation to their community
- iii. Identify the needs and problems of the community and involve them in problem-solving
- iv. Develop among them a sense of social and civic responsibility
- v. Utilise their knowledge in finding practical solutions to individual and community problems
- vi. Develop competence required for group-living and sharing of responsibilities
- vii. Gain skills in mobilising community participation
- viii. Acquire leadership qualities and democratic attitudes
- ix. Develop capacity to meet emergencies and natural disasters and
- x. Practice national integration and social harmony

**Motto:** The Motto of NSS "Not Me But You", reflects the essence of democratic living and upholds the need for self-less service. NSS helps the students develop appreciation to other person's point of view and also show consideration to other living beings. The philosophy of the NSS is well doctrine in this motto, which underlines/on the belief that the welfare of an individual is ultimately dependent on the welfare of the society on the whole and therefore, the NSS volunteers shall strive for the well-being of the society.

**Symbol:** The symbol for the NSS has been based on the giant Rath Wheel of the world famous Konark Sun Temple (The Black Pagoda) situated in Orissa, India. The wheel portrays the cycle of creation, preservation and release and signifies the movement in life across time and space, the symbol thus stands for continuity as well as change and implies the continuous striving of NSS for social change.

**Badge:** The NSS Symbol is embossed on the badge. The eight bars in the wheel represent the 24 hours of a day. The red colour indicates that the volunteer is full of young blood that is lively, active, energetic and full of high spirit. The navy blue colour indicates the cosmos of which the NSS is tiny part, ready to contribute its share for the welfare of the mankind.

**Financial Arrangements and Organisational structure :** The scheme is funded by both Central and State Governments in the ratio of 7:5 to organise Regular Activities (RA) and special Camping Programmes (SCP). An amount of Rs.250/- per volunteer per annum is released towards Regular Activities (RA) and Rs.450/- per volunteer per Special Camping



Programme (SCP) which is of 07-days duration to be organised in the adopted villages/communities. In addition, the Government of India provides 100% financial assistance to run NSS Regional Centres, State Liaison Cells and TOCs/TORCs, The Central Government also provides -100% financial assistance for implementation of NSS Programmes in Jammu & Kashmir and Union Territories without Legislatures.

**Total No. Of Units :** 70 Units  
 57 Funded Units  
 13 Self-Financed Units

**Total No. Of Students Enrolled:** 5800  
 Funded Units: 5700  
 Self-Financed Units: 300

**Total No. Of students participated in Special 7-Day Camps: 2**

S. N.	NAME OF THE COLLEGES	ALLOTED NUMBER OF STUDENTS		
		Alloted no. of students for the year 2015-2016	No. of alloted students under self finance units	Total no. of students alloted for the year 2015-2016
1.	ALLAHABAD DEGREE COLLEGE	700	300	1000
2.	ISHWAR SHARAN DEGREE COLLEGE	700	300	1000
3.	RAJASHRI TONDON GIRLS DEGREE COLLEGE	100	-	100
4.	UNIVERSITY OF ALLAHABAD	1500	-	1500
5.	C.M.P DEGREE COLLEGE	700	300	1000
6.	EWING CHRISTIAN COLLEGE	700	200	900
7.	AARYA KANYA GIRLS DEGREE COLLEGE	300	-	300
8.	JAGAT TARAN GIRLS DEGREE COLLEGE	200	-	200
9.	HAMIDIYA GIRLS DEGREE COLLEGE	300	100	400

**No. Of Program Officers:**

	UNIVERSITY	CONSTITUENT COLLEGES	TOTAL <b>59</b>
MALE	11	22	
FEMALE	03	23	
<b>TOTAL</b>	<b>14</b>	<b>45</b>	

No. Of Adopted Villages/ Urban Slums: 59

Grants:

- |    |   |                    |
|----|---|--------------------|
| a) | For Regular Activities: First Instalment -      | Rs. 1000000        |
|    | Second Instalment -                             | Rs. 282500         |
|    | <b>Total (A) -</b>                              | <b>Rs. 1282500</b> |
| b) | For Special Seven-Day Camps: First Instalment - | Rs. 742500         |
|    | Second Instalment -                             | Rs. 254250         |
|    | Total (B) -                                     | Rs. 1094250        |
|    | <b>GRAND TOTAL (A+B)</b>                        | <b>Rs. 2376750</b> |

### **GLIMPSES OF REGULAR & SPECIAL CAMP ACTIVITIES OF NSS 2015-16**

The enthusiastic nss volunteers of university campus & constituent colleges under leadership of programme officers, participated in the following activities throughout the year in the campus, community and adopted slums through rallis, poster and slogan competition, nukkad natak, cultural programmes, shramdan.

- Tree Plantation Week, **July 01-07,2015**
- Independence Day August 15,2015
- Sadhbhavna Pakhwada August 20 – September 03,2015
- International Youth Day - August 28,2015

- Beti Bachao Beti Padhao Campaign August 28,2015 Onwards
- World Literacy Day September 08,2015
- Pulse Polio Drive September 13,2015
- National Blood Donation Day, October 01,2015
- Nss Foundation Day Celebration ,September 24,2015
- Gandhi Jayanti October 02,2015
- Launch Of Rastriya Swatchta Mission Campaign October 03,2015 Onwards
- Pre-Republic Day Selection Camp October 04,2015
- Tree Plantation & Save Trees Campaign October 04,2015
- Clean & Aviral Ganga Campaign October 15,2015 Onwards
- National Unity Day October 31,2015
- Polythene Free Campaign November 02,2015 Onwards
- Voter Awareness Campaign October 07,2015 Onwards
- Quami Ekta Week November 19-25,2015
- World Aids Day December 01,2015
- Human Rights Day,December 10,2015
- Walk Of Hope – A Walk For Humanity By Shri ‘M’ December 28-30,2015
- Republic Day Parade January 26,2016
- National Youth Week January 12-18,2016
- National Voters Day January 25,2016
- International Womens Day March 08,2016
- International Yoga Day June 21,2016



Hon'ble Vice Chancellor, Prof R.L. Hangloo addressing the gathering on the National Voters Day at Senate Hall, UoA



Self-Defence Training For NSS Girl Volunteers At Adc



tree plantation drive at HGDC



Raktadaan-Mahadaan: Blood Donation Camp At ECC, Volunteers Donating Blood

## UP ARTILLERY BATTERY, NCC, UNIVERSITY OF ALLAHABAD

### Introduction:

There are 200 enrolled cadets in the 2 UP ARTY BTY – NCC, in three batches 1<sup>st</sup> year, 2<sup>nd</sup> year and 3<sup>rd</sup> year. The cadets have taken active participation in ‘Swachh Bharat Abhiyan’ and spread awareness among the people. The artillery cadets have shown their skills during the parade and flag hoisting ceremony on both Independence Day and Republic Day. They have been given opportunities to learn and be trained under various NCC camps organised by the other battalions close to the city. A number of cadets have been trained under Army Attachment Camps. The third year batch of NCC appeared for the written and practical exam for the award of B certificate in February 2016.



## INTERNATIONAL STUDENTS ADVISORS

### Introduction:

The Mission of the University of Allahabad is to be a global, socially conscious Center of Excellence in the conservation, creation, advancement and dissemination of knowledge, equipped to take up challenges of the enormous change taking place all around and committed to empower its faculty and students to contribute meaningfully to economic, technological, social development and progress. In order to have a Global outreach, the University is committed to advance the same facility to International Students and impart quality education to them as well.

The living ambience and social milieu of the campus is also reflected in an integrated, with a new focus on an interdisciplinary approach in teaching and research. There is freedom to define and design course content or start new courses. Research themes evolve with new developments in the area and the interface between different areas of study. Everyone at the university competes with himself/herself to excel in their own field of research. The University of Allahabad is academically and socially a vibrant place where all have space to express their views.

The four faculties and thirty three departments along with special centres of the university produce high quality research publications, books, working papers and D.Phil. theses. The University alumni occupy important positions, in academics, government, private sector, and in fact in all walks of life.

The University through its International Students Advising and Services (ISAS) will continue to play a major role globally in the field of higher education, by seeding new ideas and creating knowledge, and by imparting high level of training with values and social commitment to all its International Students as well. Since its inception on July 14, 2005 as a Central University, the University has reaffirmed to live up to these ideals. We believe that the University is responsible not just for imparting knowledge, but for disseminating knowledge in society; so as to build a better Society at national and international levels in future.

### Present International Student Advisor & Board:

Prof. Sanjeev Bhadauria, HOD, Defence & Strategic Studies

The University has a separate International Students Advisory Board under the International Student Advisor to advise and facilitate the International Students.

### International Connection

The University stands for humanism and tolerance, for reason, for adventure of ideas and for the search for truth. It stands for the forward march of the human race towards ever higher objectives. The Universities proposes to discharge its duties adequately, and aspires to provide to its International Students the following facilities:

- **Single Window Services**
- **Networking**
- **Interfacing**
- **Wireless connectivity**
- **Innovation**
- **Interaction**
- **Competitive and Affordable Education**

With a view to assist international students, University has established an International Students Office in the University campus. The University of Allahabad model for Internationalization of Higher Education has these unique features:

1. In the age of globalization, the University has set out to make its presence felt globally through internationalization of its programmes and opening new avenues of association for global student community.
2. With the approval of UGC and the Central Government, the International Student Advisors' Office of the University proposes to have a number of MOUs signed with leading Universities whereby sharing of the facilities in the university and exchange of Faculty and students can be made possible.
3. Besides looking after admissions and eligibility, the Office of the International Student Advisor coordinates with ICCR, Ministry of External Affairs, different embassies and consulates for various purposes including grant/award of Scholarships.

### Hostel Accommodation Facility:

The University maintains a separate boys' hostel for International Students and female students are accommodated in a separate girls' hostel.



Very soon, the University of Allahabad with the support of the Ministry of Human Resource Development (HRD), Government of India will construct a new hostel for accommodating 158 students with separate state of the art self sustained apartments adjacent to the present International House.

**Sponsored Student Programs**

The Sponsored Student Program is a part of International Student Advising and Services (ISAS) at the University of Allahabad with the specific goal of assisting sponsors and sponsored students by:

- Supporting the academic goals of sponsored students and their sponsors.
- Providing records of student’s academic standing when requested.
- Facilitating communication between students and sponsors to help with financial and administrative questions.
- Working with the Sponsoring Agencies as well as the Foreign Registration Office to answer sponsored students’ questions and to help students maintain and understand their immigration status.

**Services for Sponsored Students:**

- A special orientation session for sponsored students
- Help with providing medical facilities when required. Facilitation is given to Sponsored Students to avail medical insurance, if the student desires.
- Help sponsored students communicate with Academic Departments, and Sponsoring Agencies.
- Reminders for students with expiring financial guarantee/support letters.

**Services for the Sponsor:**

- A special orientation session for sponsored students.
- Student transcripts to show academic standing upon request.
- Special campus meetings for sponsors to meet with their students.
- Manage Financial Guarantee for Sponsorship

**Activities of the International Student Office:**

The University of Allahabad attracts a large number of foreign students in comparison to all other Indian Universities. Apart from offering a multi-cultural and inter-disciplinary learning environment, one of the main reasons for studying in Allahabad is the manageable cost of living and a favourable environment for education. Currently, we have around 175 students, from over 15 countries studying at the University and its affiliated colleges.

The International Students Office of the University of Allahabad assisted the International Students’ Community, in acquiring information about the various courses, colleges, tuition fee structure, eligibility, accommodation, health insurance and the accommodation offered by the University. It was also operative in arranging for the students’ admissions and their overall welfare.

The International Student Office administered the special over and above quota of International Students, created jointly by the Ministry of External Affairs and Ministry of Human Resources and Development (MEA & MHRD) Government of India. The International Student Office acting as the nodal agency that coordinates all the activities related to the admission of International Students, provided facilities through a unique single-window system. Apart from handling the admissions and eligibility procedures, the International Student Office coordinated with the Indian Council for Cultural Research (ICCR), Ministry of External Affairs and Ministry of Human Resources and Development (MEA & MHRD) and with different Embassies and Consulates for various purposes including getting scholarships as well as administering MoU’s with International Partners of higher education.

The International Student Office acted as a liaison between the students, the various Departmental Heads, and the Heads of Colleges and Institutions affiliated under the University of Allahabad as well as the Heads of Chancery, Embassies, Consulates, their educational counselors and their educational wings, throughout the world or with any other agencies of the Government of India or the Government of other countries.

- In order to improve the procedures and to be versed with the best practices in other Academic Institutions thus boost the efficiency of the ISA’s Office, the **Vice Chancellor Prof. Rattan Lal Hangloo** and the **ISA Prof. Sanjeev Bhaduria** attended the National Conference on “Higher Education in India for Foreign Students” organized by Indian Council for Cultural Relations (ICCR), New Delhi on March 21- 22, 2016.

**International Students in various Programmes at the University of Allahabad:**

Country	Number of Students									
	Under Graduate			Post Graduate			Doctoral			Grand Total
	M	F	T	M	F	T	M	F	T	
Afghanistan	69	4	73	38	01	39	-	-	-	112
Kenya	02	01	03	02	0	02	-	-	-	05

Country	Number of Students									
Zambia	01	03	04	-	-	-	-	-	-	04
Nepal	01	02	03	-	-	-	01	-	01	04
Mozambique	04	03	07	-	-	-				07
Cambodia	-	-	-	04	-	04	-	-	-	04
Iran	01	-	01	-	-	-	-	-	-	01
Russia	-	-	-	-	-	-	-	01	01	01
South Korea	01		01	01	-	01		01	02	03
Vietnam	-	-	-	-	-	-	09	08	17	17
Palestine	-	-	-	-	-	-	01	-	01	01
Mauritius	02	04	06	-	-	-	-	-	-	06
Japan	-	-	-	-	-	-	02	-	02	02
Libya	-	-	-	-	-	-	-	01	01	02
Nigeria	-	01	01	-	-	-	-	01	01	02
Botswana	01	-	01	-	-	-	-	-	-	01
Yemen	-	-	-	01	-	01	-	-	-	01
Myanmar	-	-	-	-	-	-	01	-	01	01
Thailand	-	-	-	-	-	-	01	-	01	01

Faculty	Under Graduate	Post Graduate	Doctoral	Grand Total
<b>Arts, Science and Commerce</b>	89	46	27	162
<b>Management</b>	-	02	-	02
<b>Engineering &amp; Technology</b>	02	-	-	02
<b>Law</b>	01	-	-	01
<b>Others(Professional&amp; Applied Sciences)</b>	08	-	-	08

## UNIVERSITY EMPLOYMENT INFORMATION AND GUIDANCE BUREAU, ALLAHABAD

### Introduction

University employment information and guidance bureau Allahabad was established in 1961 at M.C.C. campus science faculty. It is established for the purpose of carrier counseling and guidance of the students of university of Allahabad and its affiliated collages. It is also established for campus selection of the students of university and its affiliated collages.

S.N.	Name of the program	Period	Campus/Degree collages	No. of participants	Selection
1.	Samadhan awsar	15 April to 31 July	Campus-20 Collages-07	205	-
2.	Apna vyawsay chuniye pakhwara	15 Aug to 31 Aug	Campus-6 Collages-6	375	-
3.	Career counseling	1 Sep to 31 Dec.	13	3964	-
4.	Awsar diwas	6 Jan	6	115	-
5.	Campus selection	2015-16	1	69	11

### Faculty Members and their Area of Reseach:

1.	Prof. N.K. Shukla	Chief	Permanent	Prof. Applied Physics
2.	L.C. Singh	Deputy Chief	Permanent	Disst. Employment officer
3.	D.N. Yadav	Pradhan Sahayak	Temporary	-
4.	P.K. Pandey	Senior Assist.	Temporary	-
5.	Hemchand Rao	Senior Assist.	Temporary	-
6.	Munna Lal	Peon	Permanent	-



## AGRO ECONOMIC RESEARCH CENTRE 'COMMERSE'

## Annual Physical Progress cum Achievement Report for the year 2015-2016

Sl. No.	Title of Study	Projected allotted by M/O Agriculture	Work done During the period (2015-2016)
1.	A paper on Glimpses of Indian Agriculture (Market Access and Constraints in Marketing of Goats and their Products)	Indian Institute of Management, Ahmedabad	(2015-2016)
2.	State Agricultural Profile of Uttar Pradesh	SELF	(2015-2016)
3.	Estimation of Losses to Pulse Crops by Blue-Bulls in Uttar Pradesh	AERC, Allahabad	Survey in four districts has been completed, Tabulation is in progress (Jan. to March 2016)
4.	Assessment of the status of dairying in the eastern states and potential to improve socio economic status of the milk producers and convergence of all Central and State Schemes at district level in East U.P.”.	AERC, V.V. Nagar in consultation with CMA, IIM, Ahmedabad	Attended the meeting at V.V. Nagar, Gujrat for finalization of the Research Design, Schedules etc. (Jan. to March 2016)
5.	Impact Study on Agricultural Extension Services to Farmers of the country by Agri-clinics and Agri.-Business Centres (ACABC) Scheme”,	Director, AERC, Allahabad for coordination	Final study design, Sampling frame, Schedules, Questionnaires and Chapter Scheme, sent to covering states of Assam, Telegana and Maharashtra. (Jan. to March 2016)
6.	Quarterly progress of Indicator of Agriculture	Ministry of Agriculture, Govt. of India (Coordinating Centre ADRTC (Institute for Social & Economic Change, Bangalore)	Sent to Coordinator Centre, Bangalore (5 <sup>th</sup> April) (2015-2016)

**PROCTOR OFFICE**

1. Central Security Cell was constituted by the Proctor to maintain dignity, discipline and peace within the campus and around the University so that the students of the University may breathe in a friendly atmosphere.
2. New Identity Cards were provided to about 2500 regular students of old and new batches after admissions. The formats are computerized and in printed form.
3. Last year Character certificates were distributed to about 3500 students.
4. About 4634 Cycle / Scooter Token were issued.
5. Entrance exams conducted by the University for admission to various courses of the University was completed successfully with help from Proctorial Board.
6. In the semester and annual examinations the entry to the students were permitted after proper checking so that the examinations may be conducted peacefully and properly.
7. The ragging was totally controlled in accordance with the orders of the Supreme Court.
  - (a) Anti-ragging Committees were constituted in all faculties of the University.
  - (b) Names and mobile numbers of Anti-ragging Committees were send to all departments and hostels in the form of posters.
8. Students Union election was completed with help from the Proctorial Board. The voter list was prepared by the Proctorial Board. There were approx. 20555 voters in 2015-16 election.
9. A special women cell has been constituted to listen to the problems of the students. Women members of the Proctorial Board are active members of the Cell.
10. In compliance to the Complaint Cell 19 show cause notices, 11 suspensions, 03 rustication and 18 F.I.R's were lodged in Colonelganj Police Stations.
11. Suspension/Rustications were reinstated by the decision of the committees constituted for the same.

## WOMEN'S ADVISORY BOARD

A number of events were organised during the year to enhance gender sensitization among students. Some of the events are described here.

- Campaign against Sexual Harrassment & Increase awareness of gender related laws
- Consultation on 'Freedom from Fear: Women's Rights and Women's Freedom" in Senate Hall on August 26, 2015. Kavita Krishnan was Chief Guest. Hall was packed to capacity.
- "Women's Advisory Board: Highlights of a Fascinating Journey" short film prepared by Prof Nisha Srivastava.
- Nukkad Natak in Women's College campus on Feb 9, 2016.
- Nukkad Natak in front of Economics Dept on Feb 10, 2016
- Celebration of Women's Day in Senate Hall on March 8, 2016. Huge participation by students and faculty.
- Mahadevi Verma memorial lecture on Women: Equality & Empowerment by Renu Mishra.
- Poster Competition on "He For She" Prize distribution on March 8, 2016
- Farewell for WAB Chairperson and WAB Members who have given inspiring leadership
- Self Defence and Confidence building classes for girls
- Gym for girls for improving fitness and confidence

### Teach Them Young!

#### Campaign against Sexual Harassment: Increase awareness of Gender related Laws

At the start of the session, the Women's Advisory Board launched an innovative campaign. Students were asked to prepare a poster cum leaflet stating the various legal provisions against sexual harassment. It was a big learning experience for them. It was targeted at freshers who were entering the portals of the University for the first time.

The leaflet was widely distributed. Moreover, it was felt that merely distributing leaflets was not enough, the leaflet should provoke discussion and engagement. Accordingly, the leaflet was distributed in several classes and became the centre piece for raising awareness among students on the Sexual Harassment at the Workplace (Prohibition, Prevention and Redressal) Act 2013, as well as the Amendments to the Criminal Procedure Code 2013. It also urged students to stop the abominable practice of ragging. The poster cum leaflet is displayed above.

#### Consultation on "Women: Freedom without Fear"

The Women's Advisory Board has taken up many campaigns and activities to further the goal of providing an environment free from gender discrimination and harassment in the campus. In this context, WAB organised a **Consultation on "Women: Freedom without Fear" on August 26, 2015.** Ms Kavita Krishnan, an eminent feminist activist based in New Delhi was invited to deliver a lecture. The programme was a massive success, with the huge Senate Hall packed with both boys and girls who listened with rapt attention. Later there was an enthusiastic interaction session in which many students participated.

#### Nukkad Natak

WAB staged two powerful plays during the year. The first "Chitthi" was staged in the women's college on Feb 9. The second "Shhoonya" was staged in the Senate hall campus on Feb 10, 2016. The plays depicted the subordination and problems of women in the workplace and in the home and gave a strong message that this must change. A discussion followed the staging of the play.





### Celebration of Women's Day March 8, 2016

#### Mahadevi Verma Memorial Lecture

Women's Day was celebrated with great fanfare and enthusiasm this year. In keeping with the tradition started by WAB, this year too the programme began with remembering and paying tributes to the famed poet and champion of women's rights, Mahadevi Vermaji. Ms Renu Mishra an eminent lawyer from Lucknow delivered the Mahadevi Memorial Lecture. Prof Smita Agarwal was the Chief Guest. She spoke on the need for gender sensitization on the campus. She regaled the audience with her music.

#### "Women's Advisory Board: Highlights of a Fascinating Journey"

Prof Nisha Srivastava prepared a brief film showing the many and varied activities of WAB titled "Women's Advisory Board: Highlights of a Fascinating Journey". It was widely appreciated.

#### Poster Competition on the topic 'He for She'.

A poster competition was organised on the topic "He for She". The objective was to make the boys realise that improving women's status in society is the responsibility of men and women both. Prof Prashant Ghosh and Dr Javed Akhtar were the judges. The picture shows the judges distributing prizes to the winners.

#### Time to Bid Adieu

The Women's Advisory Board also celebrated the contributions of two senior colleagues, Prof Rajul Mathur and Prof Ranjana Kakkar who had been chairperson for several years. Both colleagues retired recently but have left a legacy that will inspire students for many years.



**Self Defence & Confidence Building classes for Girls**

On popular and persistent demand from girls, the third round of self defence classes was started on December 7, 2015. These were held in the visitors hall of the SN Hostel. These classes help to build not only physical strength and techniques of self defence, but also build confidence and assertiveness among the students. Lack of space is a big constraint, because there is a big demand for these classes, but because of lack of space many girls had to be refused a seat.

**Fit and Fine:Gym for Girls in Women's Campus**

WAB's persistent efforts led to the reopening of the gym for girl students. The gym is very popular and it is very satisfying to see girls now making full use of the facilities. The pictures show girls doing warm up exercises and on the treadmill

**Grievance Redressal**

From time to time, WAB has received complaints from girls. While the details and names must remain confidential, what can be said is that very often the complaints have been about misbehaviour by boys of the same faculty during some departmental event, calling girls names by groups of boys loafing around outside the girls hostels, sending obscene emails, sms and phone calls, and issuing threats.

WAB has dealt each issue with sensitivity and circumspection.

**WAB coordinators in departments**

To make WAB more democratic, decentralised and have wider coverage, it will be our endeavour to appoint one male and one female WAB coordinator in departments. It is expected that the coordinators would mobilize a group of students and teachers in their departments and with their cooperation initiate discussion groups and other activities.



## LIST OF MERITORIOUS STUDENTS 2015-16

## List of Toppers B.A Part III 2015

S.No	Name	Subject
1	Vivek Singh	B.A
2	Mayank Narayan Tiwari	B.A
3	Prashant Tiwari	B.A

## List of Toppers B.Com. Part III 2015

S.No	Name	Subject
1	Yashi Jaiswal	B.Com
2	Shubhangi Das	B.Com
3	Abhay Pandey	B.Com

## List of Toppers B.Sc Part III 2015

S.No	Name	Subject
1	Himanshu Shukla	B.Sc.
2	Tulika Dutta	B.Sc.
3	Roli Mishra	B.Sc.

## List of Post Graduate Toppers 2014-15

S.No	Name	Subject
1.	Shubhi Tiwari	B. Tech
2.	Mehul Khare	BA.LLB
3.	Sucheta Chaurasia	LLB
4.	Nandini Raizada	LL.M
5.	Shivani Srivastava	M.B.A
6.	Richa Devi	M.B.A(R.D)
7.	Samiya Iftekhar	M.C.A
8.	Monika Sareen	M.Commerce
9.	Sameeksha Singh	M.D.S
10.	Suraya Naz	M.Ed.
11.	Manju Yadav	M.F.A
12.	Anupam Gupta	M.Music
13.	Sankha Subhra Paul	M.Tech
14.	Nirmal Kumar	M.Tech ESS
15.	Pawan Kumar	M.A Anc History
16.	Shakir Hussain	M.A (ARA)
17.	Rajat Singh	M.A Economics
18.	Priya Johry	M.A Education
19.	Shweta Kesarwani	M.A English

S.No	Name	Subject
20.	Sushil Kumar Tiwari	M.A Hindi
21.	Chandra Mala	M.A Mass Communication
22.	Shatakshi Pandey	M.A Med History
23.	Ankita Pathak	M.A Med History
24.	Vedika Pandey	M.A Music
25.	Nauseen Manzoor	M.A Paint
26.	Sabina Begum	M.A Persian
27.	Aditya Jain	M.A Philosphy
28.	Garima Devi	M.A Political Science
29.	Divya Shukla	M.A. Sanskrit
30.	Nidhi Pandey	M.A. Sociology
31.	Sushant Singh	M.A. T&F
32.	Sifat Zahar	M.A Urdu
33.	Madhvi Tripathi	MA/M.Sc. Anthropology
34.	Uday Pratap Siongh	MA/M.Sc. Defence
35.	Nilansha Pandey	MA/M.Sc. Geography
36.	Parul Keshari	MA/MSc Maths
37.	Aisha Saeed	MA/MSc Statistics
38.	Vandana Shukla	MA/MSc T&A
39.	Saima Zaidi	M.Sc. Ag Botany
40.	Kunvar Shobit Mish	M.Sc. AgChemistry
41.	Vidya Nand Pandey	M.Sc. Ag Zool
42.	Rakesh Kumar Tiwari	M.Sc. App Geo
43.	Garima Singh	M.Sc. Bio-Chemistry
44.	Anamika	M.Sc. Bio-Info
45.	Vivek Singh	M.Sc. Biotech
46.	Devashree	M.Sc. Botany
47.	Anu Mishra	M.Sc. Chemistry
48.	Pragya Pandey	M.Sc. Cognitive Science.
49.	Ayub Arshad	M.Sc. Computer Science.
50.	Shweta Chaturvedi8	M.Sc. Environmental Science
51.	Rishabh Malviya	M.Sc. Food Technology
52.	Ragini Mishra	M.Sc. Material Sciences
53.	Shreya Tripathi	M.Sc. Nutritional Sciences
54.	Rahul Kumar Kushw	M.Sc. Physics
55.	Sonal Tripathi	M.Sc. Zoology



**CENTRAL FACILITIES****CENTRAL LIBRARY****History**

The Central Library has started its journey on the path of improvement. It was established to cater the needs of the students, research scholars, and teachers of the University. It not only helps in supporting the class room instructional programmes of the university, but also unfolds the horizon of knowledge with regard to the different research programmes carried out by the university.

The Central Library developed out of the library of the Muir Central College, Allahabad (established in 1872, and affiliated with the university from 1872 to 1922, when it was subsumed in the university upon beginning its career as a teaching university). Foundation stone of the university library building was laid by Sir John Hewett on 17<sup>th</sup> Jan.1910. The University Library was started in 1916. In 1946-47, Dr.S.R. Ranganathan, Father of Library Science in India, was invited to suggest ways and means of improving the library. He submitted the development plan in March 1947, which was published by the university in the same year. Its contents covered wide range of areas: such as new library building, manpower, finance and other relevant items. A special committee was constituted to review the library development plan submitted by Dr. Ranganathan. The committee pointed out that the central library building constructed in 1913-16 was inadequate. The most satisfactory thing would be to erect a new building designed in accordance with the modern library practice. It recommended the conversion of the Darbhanga Hall into a reading room for 500 under-graduates (250 on the ground floor and 250 on the first floor. A portion of the graduates reading room was to be divided into private cubicles for the use by serious students or research scholars. After some times it was felt that space in Darbhanga hall is inadequate to store the reading materials and provide library services.. The present library building was constructed in 1973. The present library building is more spacious and has potential for further expansion. The old library building is now occupied by the office of the Registrar, as well as Accounts and General section of the University.

Dewey Decimal Classification Scheme (DDC) and Anglo American Cataloguing Rules-2<sup>nd</sup> edition (AACR-2) are followed for the purpose of classifying and cataloguing the documents. LIBSYS-4, Library Management Software is being used for creation of database.

**Collection:** The central library has a collection of.

(As on 31/03/2016 Approx.)

Books & Bound Vols Journals	721589
Ph.D. Theses	16924
E-books	2155
Current Journals	401
On-Line Journals	24375+
Online Databases	18
Current Popular Magazines	32
Newspapers	16

**During the year 2015-16, the following activities were undertaken:**

**Acquisition of Books:** During the period under report total 11,033 vols of books were added to the collection through purchase. In addition to this the library also received 1271 volumes of books as a gift from various sources. 209 Ph.D. theses in electronic form were also added in the collection.

**Subscription of Journals:** The Library subscribed to 401 journals on behalf of various departments. Department wise breakup of these journal's titles is as under:

S. No	Name of Subject	No. of Journal
1.	Ancient History	07
2.	Anthropology	14
3.	Arabic & Persian	10
4.	Biochemistry	03
5.	Biotechnology	05
6.	Botany	16
7.	Chemistry	14
8.	Commerce & Business Administration	21
9.	Defence Studies	03
10.	Economics	22
11.	Education	16
12.	Electronics & Communication	08
13.	English	19
14.	Geography	06
15.	Geology (Earth & Pl. Sc)	12
16.	Hindi	19
17.	Home Science	07
18.	Journalism & Mass Communication	04
19.	KBCAOS/MNSCOSS	09

S. No.		No. of Journal
20.	Law	37
21.	Lib. & Inf Sc.	07
22.	Mathematics	07
23.	Med. & Mod. History	12
24.	Music & Performing Art	04
25.	Philosophy	11
26.	Physical Education	03
27.	Physics	12
28.	Political Science	22
29.	Psychology	22
30.	Sanskrit	04
31.	Statistics	05
32.	Urdu	13
33.	Visual Art	04
34.	Zoology	13
35.	Sociology	04
36.	Globalization	05
37.	Material Science	01

Out of these 401 titles, 141 are Indian and 260 are Foreign.

**E-Resource Access:** The Library provided access to approx.24375+ e-journals to its users. Out of this 7196+ were through UGC-Infonet Consortium, and rest were subscribed by the library through Science Direct, ProQuest , Sage, JGate Plus , IEEE ,Emerald etc. The library also provided access to 18 databases. Following are the list of e-resources which were available through various sources:

**E-Resources through UGC-Infonet Digital Library Consortium:**

S.N.	Publisher	URL	No. of Journals
1.	American Chemical Society	<a href="http://www.pubs.acs.org">http://www.pubs.acs.org</a>	37
2.	American Institute of Physics	<a href="http://journals.aip.org">http://journals.aip.org</a>	18
3.	American Physical Society	<a href="http://publish.aps.org/browse.php">http://publish.aps.org/browse.php</a>	10
4.	Annual Reviews	<a href="http://arjournals.annualreviews.org">http://arjournals.annualreviews.org</a>	33
5.	Cambridge University Press	<a href="http://journals.cambridge.org">http://journals.cambridge.org</a>	224
6.	Economic & Political Weekly	<a href="http://epw.in/">http://epw.in/</a>	1
7.	Emerald	<a href="http://www.emeraldinsight.com">http://www.emeraldinsight.com</a>	29
8.	Institute of Physics	<a href="http://iopscience.iop.org/journals">http://iopscience.iop.org/journals</a>	46
9.	ISID	<a href="http://isid.org.in/">http://isid.org.in/</a>	Database
10.	JCCC	<a href="http://www.jccc-ugcinfonet.in/">http://www.jccc-ugcinfonet.in/</a>	Database
11.	JSTOR	<a href="http://www.jstor.org/">http://www.jstor.org/</a>	1401+
12.	MathSciNet	<a href="http://www.ams.org/mathscinet">http://www.ams.org/mathscinet</a>	Database
13.	Nature	<a href="http://www.nature.com/">http://www.nature.com/</a>	1
14.	Oxford University Press	<a href="http://www.oxfordjournals.org">http://www.oxfordjournals.org</a>	206
15.	Portland Press	<a href="http://www.portlandpress.com/pp/default.html">http://www.portlandpress.com/pp/default.html</a>	8
16.	Project Euclid	<a href="http://projecteuclid.org">http://projecteuclid.org</a>	30
17.	Project Muse	<a href="http://muse.jhu.edu/journals">http://muse.jhu.edu/journals</a>	411+
18.	Royal Society of Chemistry	<a href="http://www.rsc.org">http://www.rsc.org</a>	29 + 6 Database

S.N.	Publisher	URL	No. of Journals
19.	Science Direct (10 Subjects) i) Agricultural & Biological Sciences ii) Biochemistry, Genetics & Molecular Biology iii) Chemistry iv) Computer Sciences v) Economics, Econometrics & Finance vi) Immunology & Microbiology vii) Mathematics viii) Psychology ix) Physics x) Social Science	<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>	1036
20.	SIAM	<a href="http://epubs.siam.org/">http://epubs.siam.org/</a>	14
21.	Springer Link	<a href="http://www.springerlink.com">http://www.springerlink.com</a>	1389
22.	Taylor & Francis	<a href="http://www.informaworld.com/">http://www.informaworld.com/</a>	1365
23.	Web of Science	<a href="http://apps.isiknowledge.com/">http://apps.isiknowledge.com/</a>	1 Database
24.	Wiley-Blackwell	<a href="http://onlinelibrary.wiley.com">http://onlinelibrary.wiley.com</a>	908

**E-Resources through Subscription:**

S. N.	Name of e-resource	URL
1.	Science Direct three collections i.e. i) Earth & Planetary Sciences+ Environmental Sciences ii) material Science iii) Neuroscience.	<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>
2.	SCOPUS	<a href="http://www.scopus.com">http://www.scopus.com</a>
3.	Proquest Dissertation & Theses Full Text Database	<a href="http://search.proquest.com">http://search.proquest.com</a>
4.	DELNET	<a href="http://delnet.nic.in">http://delnet.nic.in</a>
5.	Sage Online Sociology Collection	<a href="http://online.sagepub.com">http://online.sagepub.com</a>
6.	Springer's E-books, copyright year 2012 four collections i.e. i) Biomedical and life Sciences ii) Computer Science iii) Mathematics & Statistics iv) Physics & Astronomy	<a href="http://www.springer.com/ebooks">http://www.springer.com/ebooks</a>
7.	Taylor & Francis 43 Chemistry Online Journal Archives	<a href="http://www.tandfonline.com">http://www.tandfonline.com</a>
8.	Manuptra	<a href="http://www.manupatra.com">http://www.manupatra.com</a>
9.	CMIE	<a href="http://www.cmie.com">http://www.cmie.com</a>
10.	J-Gate Plus	<a href="http://jgateplus.com/search">http://jgateplus.com/search</a>
11.	AIR Product	<a href="http://www.airwebworld.com">http://www.airwebworld.com</a>
12.	South Asia Archive	<a href="http://www.southasiaarchive.com">http://www.southasiaarchive.com</a>
13.	English Historical Documents	<a href="http://www.englishhistoricaldocuments.com">http://www.englishhistoricaldocuments.com</a>
14.	West Law India	<a href="http://login.westlawindia.com/maf/wlin/ext/app/tocectory?stnew=true&amp;sttype=stdtemplate&amp;sp=inaiup-1">http://login.westlawindia.com/maf/wlin/ext/app/tocectory?stnew=true&amp;sttype=stdtemplate&amp;sp=inaiup-1</a>
15.	Emerald Marketing Collection	<a href="http://www.emeraldinsight.com">http://www.emeraldinsight.com</a>

**Classification:** Total 19500 vols of books were classified according to Dewey Decimal Classification Scheme. Processed books were added to stack area, reading hall, reference section, etc. of the Central Library and various departmental libraries of Faculty of Science, Commerce and Law.

**Data Entry/ Computerization:** During this period total 39019 volumes of books were entered into the LIBSYS Software Database. This database can be accessed through OPAC by Author, Title, Subject, Publisher, Keyword etc. and one can make Boolean searches also.

**User Services:**

**Working Hours:** Library is kept open from 8AM to 9PM on all working days and from 10:00 AM to 4:00 PM on all Sundays and holidays except on Republic Day, Holi, Eid-ul-Fitr, Independence Day, Mahatma Gandhi's Birthday, Vijaya Dashami, Diwali and Christmas.

**Photocopy Service:** Central Library is providing photocopying service to its users with digital photocopy machine. During this period students/research scholars/teachers were provided approx. **3, 55,000** photocopies for their study and research.

**Newspapers & Magazines:** Newspapers, Newsletters and Magazines subscribed /received from various sources are displayed separately in the Newspapers Section. During this period 16 National /State/Local newspapers in Hindi and English, and 32 current popular magazines in English and Hindi were subscribed. Users make extensive use of them for their information requirements.

**Textbook Consultation:** Students of different courses are provided textbooks for consultation from textbook section. During this period about 2200-2500 books were consulted daily by the students.

**Use of the Library:** During the year under report total approx. 1, 30,600 users consulted the library. It had been observed that February to June are the lean months when comparatively less students come to library but from July to January the library is heavily used by the students.

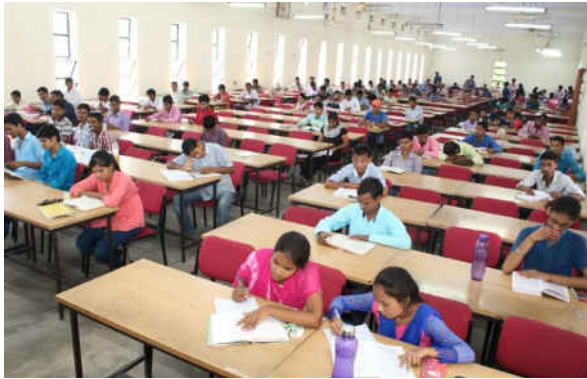
**Outside Research Scholars/Teachers:** During this period 1410 research scholars and teachers from various universities/instituted of the country such as : Shakuntala Mishra University, Lucknow, Nehru Gram Bharti University, Allahabad, Bihar Central University, Patna, Rajasthan Central University, Aligarh Muslim University, Aligarh, Banaras Hindu University, Varanasi, Lucknow University, Lucknow, Jammu University, Jammu, U.P.R.T.Open University, Allahabad, D.D. University, Gorakhpur, C.C.S. University Meerut, University of Delhi, Delhi, Jawahar Lal Nehru University, Delhi, V.B.S.Purvanchal University Jaunpur, RML Avadh University Faizabad, Mahatma Gandhi Kashi Vidyapeeth, Varanasi, B.R.A. University Agra, Rani Durgawati University, Jabalpur, A.P.S. University Rewa, CSJM University Kanpur, PG College Mirzapur, PG College Handia, Govt. College Gyanpur, DAV PG college Azamgarh, etc visited to consult the resources available in the Central Library, University of Allahabad for their research work.

**Awareness Programmes for Using E-resources:** During the period, Central Library organized three awareness programmes for using e-resources.

- Symposium on "Changing Dynamics of Social Sciences Research" on March 07, 2016 at Senate Hall, University of Allahabad.
- Author Workshop at Senate Hall, University of Allahabad on 30<sup>th</sup> October 2015.
- User Awareness Programme on the use of South Asia Archive & English Historical Documents (e-database) on 20<sup>th</sup> April 2015 at Medieval & Modern History Deptt, University of Allahabad.

**Articles**

- Singh B.K. (2016). Plagiarism and academic integrity. *In* Maurya, R.J. [Ed]. Academic Libraries: Issues and Challenges. New Delhi: Pentagon Press, pp:11-23. ISBN: 978-81-8274-896-6
- Singh, B.K. (2016). Role of LIS professional in e-information literacy. *In* Singh, B.K. et al [Ed]. Librarianship in Digital Environment : A Collection of Essays in Honour of Dr. A.P. Gakhar . New Delhi: Uppal Publishing House. pp: 253-267 . ISBN: 978-81-7658-085-4
- Singh, B.K.(2015). Knowledge management: Challenges for academic libraries *In* Mahawar, K.L. et al [Ed]. Roll of Libraries to Educate Down Trodden Society in the Present Day Scenario: Proceedings of the National Seminar NSRLEDTS-August 09, 2015, faizabad: Shrinkhala Publishing. pp: 314-319, ISBN: 978-81-925879-8-1
- Singh, B. K.(2015). Intellectual property rights in the digital age. *In* Rai, Pradeep et al [Ed]. Proceedings of the 60<sup>th</sup> ILA International Conference on Embedded Librarianship and Technological Challenges of the Digital Age. Delhi: Indian Library Association. pp:715-722 ISBN 81-85216-49-5 **The paper was awarded ILA-CD Sharma Award-2014**



Facilities at Central Library



## ENGINEERING AND WORKS DEPARTMENT

### The Academic Complex:

Hon'ble Governor, Uttar Pradesh inaugurated the Academic Complex Building on 10<sup>th</sup> November 2015. The Academic Complex on the F.C.I. Campus, University of Allahabad is a State of the Art Facility for Academic and Administrative functions of the University. The facility is catering the teaching need of the Arts Faculty as a Central Facility for its departments besides administrative functions to include the Controller of Examination's Office and storage facility.

More than 100 lectures are being conducted per day. Hourly footfall in the campus is about 2000 students, faculty and staff, beside an average floating population of about 1000 students and faculty. To meet the requirements of circulation, 3 entry and exit points have been provided in the building complex. An Amphitheatre and Food Court have been planned as interactive zones and spaces for the students and faculty. The salient features of the complex are detailed as under:

1. The building has been designed as per the Green Building Principles utilizing the Sustainable Design Methodology. The specifications thus meet the criterion laid down by USGBC and IGBC.
2. Development of Academic Facility for Teaching for the Arts Faculty and specialized central facilities of the University.
3. The Academic Functions comprise of 12 Nos. State of the art Lecture theatres (capacity 160 students), 8 Nos. Tutorial Class Rooms ( capacity 60 students), Department of Sociology, Department of Anthropology, Centre for Globalization, Department of Journalism and Mass Communication ,Academic Staff College.
4. Adequate Parking has been provided at surface and in Basement to accommodate 91 cars 161 two wheelers and bicycles.
5. Rain and Storm Water Management through collection chambers, Rain Water Harvesting Catch Basin and Recharge Pits.
6. Integrated Security System comprises of Access Control, public Address System, CCTV, Intrusion Alarm, Faculty Addressable Fire Detection and Alarm System which has been integrated with Electrical System and controlled access and monitoring system using panel card Reader.
7. The entire complex has been networked to the Central Computer Network of the University with Internet Protocol.
8. The Electrical System has been designed with multi level safety mechanism, energy saving using energy efficient technologies and luminaries such as CFL etc.
9. As intelligent Air Conditioning System has been installed using VRV Technology for energy efficiency using R 41-Green complaint refrigerant.
10. Provision of Food Court as a facility for students and Faculty has been provided.



In over all the concept of the Building is “MODERNISM THROUGH TRADADITION” Interpretation of traditional typologies and elements with a modern expression using new materials and technologies-buildings in the 21<sup>st</sup> century relevant in time and space.

### Conservation of Vijayanagaram Hall:

Allahabad University is one of the oldest universities in the country, and it has had a profound impact on Indian politics since its inception in the last quarter of the nineteenth century. Apart from its significant role in Indian politics, the university also qualifies as an architectural landmark. The design and construction of the university building originally reflect the Indo-Saracenic architectural style that is a curious amalgamation of Indian and colonial architectural styles. There are strict exterior semblances of Indian architecture in the form of domes, chajjas, columns, etc., while the interior spatial planning bears European influence.

Vijayanagram Hall, formerly, Muir Central College, was designed by a notable English architect, Sir William Emerson, and stands out as one Allahabad's famous landmarks. The building is notable for its tiles dome and tower, as well as its exquisite interior craftsmanship. Rose windows, decorative arches and columns, mosaic flooring, stained glass windows, and paintings in ceiling contribute to this building's outstanding architectural construct. To restore it in original form the university has initiated the process of restoration of the building and its surrounding areas. Currently, the work is in progress and the building will once again regain its past glory.





**OTHER ACTIVITIES****INTERNAL QUALITY ASSURANCE CELL (IQAC)**

As per guideline issued by University Grant Commission for Establishment and monitoring of Internal Quality Assurance Cell (IQAC) in the University. The Committee for IQAC for the University, the IQAC committee of the University has been established:

- |     |                                 |  |
|-----|---------------------------------|--|
| 1.  | <b>Prof. Rattan Lal Hangloo</b> | <b>Vice Chancellor, Chairman</b>                             |
| 2.  | Prof. Debashish Guha            | Department of Philosophy                                     |
| 3.  | Prof. Mohan Prasad Singh        | Centre of Biotechnology                                      |
| 4.  | Prof. Vivek Tiwari              | Department of Physics  |
| 5.  | Prof. Satyanarayan              | Department of Botany.  |
| 6.  | Prof. Anamika Rai               | Department of Ancient History                                |
| 7.  | Prof. R. K. Chaubey             | Department of Law  |
| 8.  | Prof. Anil Srivastava           | Department of Commerce                                       |
| 9.  | Dr. Saleha Rashid               | Department of Arabic and Persian                             |
| 10. | Dr. B. K. Singh                 | Librarian  |
| 11. | Prof. Indrajeet Lahri           | Department of Mathematics, Kalyani University, W.B.          |
| 12. | Dr. Sarjeet Singh Dang          | MBBS & Ex Minister, Government of Uttar Pradesh              |
| 13. | Shri Vijay Kumar                | F. No. 1004, Oxford Enclave, SD Road, Secundrabad, Telangana |
| 14. | <b>Prof. N. Srinivasan</b>      | <b>Head, CBCS, Convener</b>                                  |

IQAC is continuously working towards quality improvement of education and institutional functioning. The Cell has also decided to prepare a quality manual for the University.

## UNIVERSITY INDUSTRY INTERFACE CELL

### Introduction:

#### Rationale

The University Industry Interface Cell (UIIC) has been established in February 2014 after the initiative of Prof. A.K. Singh, Hon'ble Vice-Chancellor of University of Allahabad to facilitate the development of symbiotic relationships between the University and partners from different industrial sectors. It will act as a dynamic liaison unit with industry counterparts in order to identify opportunities to develop innovative solutions for technological and industrial problems in aid of national development.

#### Mission

The mission of the UIIC is to foster ties with industries through continual dialogue. This interface is envisioned to keep the University's research and academic programs responsive to industry needs and relevant to national development goals.

#### Objectives

- To strengthen University Industry linkage
- To provide venues for continual dialogue with various industrial sectors through symposia, exhibitions and roundtable discussions.
- To help identify relevant directions for the University's research thrusts and academic programs based on up-to-date feedback from industry partners.
- To maintain congenial relations with industry partners committed to supporting the University's industrial internship programs in the undergraduate and postgraduate levels.
- To identify opportunities for extending relations with industry through various activities, including commissioned research projects and topic-oriented technical seminars.

#### Benefits of University-Industry Linkage to the Industry

- Access to manpower, including well-trained graduates and knowledgeable faculty from the university;
- Access to basic and applied research results from which new products and processes will evolve;
- Solutions to specific problems or professional expertise, not usually found in an individual firm
- Access to university facilities, not available in the industry
- Assistance in continuing education and training
- Being good local citizens or fostering good community relations

#### Benefits of University-Industry Linkage to the University

- Industrially sponsored research provides student with exposure to real world research problems
- Industrially sponsored research provides university researchers a chance to work on an intellectually challenging research programs;
- Some government funds are available for applied research, based upon a joint effort between university and industry.
- Industry provides a new source of money for university

### Activities during 2015-16

#### April 11, 2015

A meeting of University Industry Interface Cell (UIIC) under the chairmanship of Hon'ble Vice-Chancellor was held on 11<sup>th</sup> April, 2015 in the Camp Office of the Vice-Chancellor in which Nodal Officer, University Industry Interface Cell (UIIC), Professor Incharge, Academic Programme, Registrar, and some faculties from University of Allahabad as well as President, Eastern UP Chamber of Commerce & Industry (EUPCCI), Secretary, EUPCCI and Joint Secretary, EUPCCI from Industry were present.

In the meeting the ways and means to strengthen University Industry linkage was discussed. It was suggested to have continual dialogue with various industrial sectors through symposia, exhibitions and roundtable discussions.



October 31, 2015

Prof. N. B. Singh, Professor of Chemistry and Biochemistry, University of Maryland, Baltimore County, USA delivered a lecture on "Role of a scientist in developing chemical, biological and nuclear sensors" on 31st October 2015 at 12 noon in the Lecture Hall of Centre of Bioinformatics. He addressed the students and faculty and discussed the role of University Industry Interface Cell (UIIC) in the development of nation.



February 20, 2016

Prof. R.L. Hangloo, Vice-Chancellor, University of Allahabad on 20<sup>th</sup> February, 2016 in his presidential remarks in **BIOKUMBH – 2016**, (A National Conference on Recent Trends & Advances in Biotechnology) gave emphasis on university, industry linkages. He addressed the young researchers, scientists, teachers, industrialists and entrepreneurs from all around the country as well as world. He said that significant advances in biotechnology are impacting our lives as never before. Rapidly emerging field of biotechnology has lots to offer us from genetically modified organisms with desired traits to ecofriendly plastic, biofuels to improved drug and their delivery and so on. There is an urgent need to strengthen university-industry linkages.

The organizer of the Biokumbh-2016 Convener Prof. M. P. Singh and Organizing Secretaries Dr. Ashish Kumar Singh and Dr. Vinod Verma of Center of Biotechnology said that by manipulating the gene and changing DNA of living organism, revolutionary changes can be brought and we can increase production and feed starved population, fight disease and develop renewable biofuel and we can link university with industry.

**BIOKUMBH – 2016**, (A National Conference on Recent Trends & Advances in Biotechnology)

## INTERNATIONAL COLLABORATIONS

Name of the Unit of the University	Name of the Institution	Date of Twinning Arrangement
University of Allahabad, Allahabad	World Food Preservation Centre LLC P.O. Box - 1629, Shepherdstown, WV 25443, USA	<b>01-09-2015</b>
Nano Technology Application Centre, University of Allahabad	Biomaterials Centre, National Institute for Material Science, Japan	<b>23-10-2010</b>
Centre of Behavioural and Cognitive Science, University of Allahabad	Unilever Research and Development Vlaardingen B.V., Olivier van Noortlaan 120, 3133 AT Vlaardingen, The Netherlands (hereafter "Unilever")	<b>01-09-2010</b>
Academic Staff College, University of Allahabad	University of Massachusetts, North Dartmouth, Massachusetts, United State	<b>13-04-2010</b>
Department of Anthropology, University of Allahabad	Aarhus University, University Parken, Denmark	<b>11-02-2010</b>

## UGC HUMAN RESOURCE DEVELOPMENT CENTRE

Higher Education in the 21st century is confronted with an ever changing world and India too is experiencing a paradigm shift in the role of Higher Education in national development. For this the HE system requires quality teachers who are knowledgeable, creative, inspiring, good researchers, IT savvy, effective managers and role models, The UGC-Human Resource Development Centre (formerly Academic Staff College), University of Allahabad has envisaging its new multidimensional and integrative role in HE, become an active hub of academic activity for improving the quality of teachers which is the single most crucial and critical success factor for sustenance of HE in the present era of globalization, Realizing the different paradigms for quality management in HE, which include the paradigm of process control (accreditation), paradigm of integral quality management (TQM and EFQM) and paradigm of breakthrough and innovations, the HRDC has based its activities primarily on three components- quality of design, quality of conformance and quality of performance in order to control its quality and meet the standards required for assuring quality in teachers of HE and to train and develop human resource fit to face the challenges of HE in the Indian as well as the global context

The main aim of the Human Resource Development Centre (HRDC) has been to facilitate quality education by upgrading the knowledge and performance of teachers serving in Universities and their affiliated Colleges. By organizing the abovementioned programmes, the Staff College has given the teachers, the opportunity to come to a platform where interactions with eminent resource persons and with other teacher participants were possible. The programmes covering a wide spectrum of subjects have provided the crucial link between motivation of teachers for creative and innovative teaching and research, commitment towards their profession, academic leadership and quality education. Some of the approaches undertaken by this HRDC to fulfil its aims to enhance the personality, performance, awareness and knowledge of the teacher participants include-

- Invocation of basic thoughts on being a good teacher - Values, Character, Commitment, Team Building, Work Culture, Human Resource Development and Academic Leadership qualities required in teachers for Societal Transformation,
- Creating Computer Awareness and in this way developing IT trained human Capital for quality education of the future generation, Power point Presentation, LCD and OHP usage
- Revitalizing inputs for Higher education through Teacher empowerment, Inter-disciplinary dialogues, open and flexible Trans-disciplinary subjects, Innovative teaching Methodologies, Collaboration with Academic, Research and Specialized Institutes
- Creating awareness about the higher education System, Rules ,Regulations, Statutes and Policies, Motivation for Research, Project Writing, Funding Agencies and Avenues
- Weaving Gender Justice and Gender Equality in the system through lectures/ workshops/seminars on Capacity Building, Gender Sensitization and Gender awareness
- Stressing the importance of mental and physical health by lectures and demonstrations by Yoga Experts and practice sessions by the teacher participants. This has become an integral part of all Orientation Programmes
- Organizing programmes and activities related to Social and Communal Harmony, Secularism and National Integrity such as lectures and Literary programmes, Essay Writing Competitions, Cultural Evenings, Group Discussions and Seminars
- Inviting eminent Resource Persons and Subject Experts for both OPs and RCs and giving teachers the opportunity to interact with them.

“NAAC” review of Human Resource Development Centre took place from February 27 -29, 2012 under the chairmanship of Prof. Sunil Gupta, the former Vice Chancellor of H P University, Shimla. Human Resource Development Centre is determined to work in accordance to recommendations given by the NAAC Peer Team and Academic Advisory Committee under the chairmanship of Hon’ble Vice Chancellor Prof. A K Singh.

During the session 2015-2016, for which the report is being submitted, the UGC-HRDC has successfully completed most of the programmes allocated by the UGC for the session. It has organized 4 Orientation Programmes and 05 Refresher Courses and 165 teachers participated in them. Besides the subject Refresher Courses conducted by the concerned department, 2 interdisciplinary Refresher Courses were organized successfully by the HRDC .This included 1 ID in Environmental Studies and 1 ID in Computer awareness. The HRDC has organized a Special Summer School with 34 participants and one programmes for Teachers’ Educators with 32 teachers participants in session 2015-2016. It is my

pleasure to report here that this HRDC has been ranked amongst the first ten HRDCs of the country based on the OPs and the RCs conducted by the HRDCs. The HRDC has also organized 4 Short Term Programme and 141 teachers Participated in them. (Details attached as Annexure I)

The UGC-HRDC, University of Allahabad has like in the previous sessions contributed efficiently towards sustaining quality in HE which is the basis of socio-cultural, economic and scientific development of a nation by

- continuous improvement of processes, products and services through well defined, well planned and well managed Programmes
- Implementation of technology rich approach in accelerating the transfer of knowledge to the diversified population of students in terms of age, gender, ethno-religious background and socio-economic profile
- Developing a sound and value-based education system and motivating teachers for creative and innovative teaching and research
- Invocation of basic thoughts on being a good teacher - qualities, character, commitment and academic leadership required in the teachers for societal transformation
- Development of IT trained human capital required for quality education which is at the crossroads of finding directions for future generations, characterized by the Information & Communication revolutions
- revitalizing inputs through teacher empowerment, inter-disciplinary dialogues and open and flexible trans- and multidisciplinary subjects
- Designing a regular feedback mechanism from the resource persons and participants for upgrading our programmes to fulfil our goals
- Innovative teaching methodologies, interactive sessions, group discussions, capacity building programmes and essay writing competitions.

Apart from the regular lectures and interactive sessions with the Resource Persons and the participants, the HRDC has also conducted:

- Workshops/seminars/group discussions/ essay writing competitions on topics related to Mental and physical health: 'Mental Health and Attitudes'; 'Yoga and Meditation', 'Overcoming Mental Stress', 'Yoga and Mental Health', 'Naturopathy - living without medicines', 'AIDS Awareness' 'Value Education: "Shiksha mein Mulyon ki Anivaryta" and current topics like 'Atankvad', **communal harmony**' Sampradayik Sadbhavna mein Adhyapak ki bhumika'
- Programmes under '**Know your Country India**' which include visits to archaeological museums, excavation , cultural and heritage sites and historical monuments
- Visits to specialized institutes, libraries and participation in related national and international seminar/ symposium being organized during the duration of the programme in the university
- Programmes and activities to promote Social Cohesion, Communal Harmony, Secularism and National Integration
- Dr Sheel Kant Sharma, IFS, formerly Indian envoy to Austria and Permanent Representative of India to all international organizations in Vienna, delivered a lecture on "Nuclear Energy for Peaceful Purposes and India's Contribution to Disarmament & World Peace" on March 2, 2016.



**Number of the course / programme(s) and participants**

<b>Orientation Programmes (4 Weeks – 24 Working Days)</b>											
S. No.	Orientation Programme		General		OBC		SC		ST		Total
	Course Allotted by UGC	Course Conducted by ASC, Allahabad University	M	F	M	F	M	F	M	F	
1.	4 OP (G)	110 <sup>th</sup> Orientation Programme ( 08.06.2015 to 05.07.2015)	9	10	2	2	1	1	-	-	25
		111 <sup>th</sup> Orientation Programme ( 20.08.2015 to 16.09.2015)	6	7	7	3	5	1	-	1	30
		112 <sup>th</sup> Orientation Programme ( 27.11.2015 to 24.12.2015)	10	8	7	1	2	3	-	1	32
		113 <sup>th</sup> Orientation Programme (22.02.2016 to 20.03.2016)	16	03	1	0	0	01	--	--	35
					0	3	2				
<b>Total</b>											<b>122</b>

**Refresher Course(s) (3 Weeks – 21 Working Days)**

S. No.	Refresher Courses/ Programme(s)		General		OBC		SC		ST		Total
	Course Allotted by UGC	Course Conducted by ASC, Allahabad University	M	F	M	F	M	F	M	F	
1.	Sanskrit	Sanskrit ( 02.12.2015 to 22.12.2015)	16	4	5	2	4	-	1	-	32
2	Music & Fine Arts ( 04.01.2016 to 24.01.2016)	Music & Fine Arts ( 04.01.2016 to 24.01.2016)	7	11	3	-	2	1	3	-	27
3.	Urdu	Urdu	--	--	--	--	--	--	--	--	--
<b>INTERDISCIPLINARY REFRESHER COURSE</b>											
4.	Human Rights	Human Rights ( 28.10.2015 to 17.11.2015)	11	11	5	4	4	3	-	-	38
5.	Disaster Management (09 – 29 January 2016)	Disaster Management (09 – 29 January 2016)	13	09	08	03	05	02	01	01	42
6.	Climate Change (26.02.2016 to 17.03.2016)	Climate Change (26.02.2016 to 17.03.2016)	13	--	5	2	5	1	-	-	26
											<b>165</b>

**Short Term and other Programmes**

S. No.	STC and Other Programmes	Programme(s) /Courses	General		OBC		SC		ST		Total
			M	F	M	F	M	F	M	F	
1	Summer School	Summer School ( June 01 – 21, 2015)	8	13	2	4	5	2	-	-	34
2.	1 Day meet for Principals / Heads	1 Day meet for Principals / Heads ( July 30, 2015)	08	22	1	-	3	-	--	--	34
3.	3 Day STC for Research	3 Day STC for Research Methodology	18	8	4	1	-	-	-	-	31



S. No.	STC and Other Programmes	Programme(s) /Courses	General		OBC		SC		ST		Total
			M	F	M	F	M	F	M	F	
		Course Conducted by ASC, Allahabad University									
	Methodology	( May 28 – 30, 2015)									
4.	7 Day Professional Development Programme for teachers (open to all)	7 Day Professional Development Programme for teachers (open to all) ( December 07 – 13, 2015)	22	7	3	1	5	5	-	-	<b>43</b>
5.	2 Day STC on Malaviya's Contribution	2 Day STC on Pt Madan Mohan Malaviya's Contribution (August 06 – 07, 2015)	11	15	3	2	1	1	-	-	<b>33</b>
6.	2 Day Professors and Readers Meet	2 Day Professors and Readers Meet	--	--	--	--	--	--	--	--	<b>---</b>
7.	Teachers' Educators	Teacher Educators (January 30, 2016 to February 19, 2016)	10	13	2	5	2	-	-	-	<b>32</b>
		<b>Total</b>									<b>207</b>



Prof H K Sharma, Director, HRDC introduces a course



Prof M P Dube, VC, UPRTOU, delivers a lecture to the participants



Prof K B Pandey, VC, NGB University delivers a lecture



Amb (Dr) Sheel Kant Sharma, Senior Diplomat, with Faculty after his lecture at the Staff College

## OFFICE OF ACADEMIC PROGRAMMES

The Office of Academic Programmes (OAP) aims at closely monitoring and liaising between academic units within the university and the academic and administrative entities outside. It regularly engages itself with different outside agencies that wish to have fruitful and productive collaborative academic relationship with the university. Under the supervision of the Professor In-charge Academic Programmes, various purposeful activities were carried out. Some of the initiatives undertaken in the year under review are as follows:

- The University Library was assisted in its novel efforts to look beyond print material and move on to the latest soft material which could be accessed by the teachers and research scholars from their departments. Enormously large size of the syllabus of nearly one hundred texts was made available in the soft copy and distributed to the students of MA (English) I and II year as a pilot project. The material was also uploaded on the University website for use in consonance with PM's digital India programme.
- The University of Allahabad became a spoke partner of the Design Innovation Centre under the ambitious project at the behest of the National Innovation Council of the MHRD. Two projects under the leadership of Prof Anupam Dikshit (Rural Development) and Dr Avadh Bihari Yadav (Nano-Biotech) have been sanctioned.
- Under the Research Innovation scheme of the Ministry of HRD Dr Lokendra Kumar (Dept of Physics) has been sanctioned a project. He was nominated to participate in the Innovation Festival held at the Rashtrapati Bhawan where he exhibited his designs and tools for energy saving.
- The Office coordinated the live webcast of two programmes of the Rashtrapati Bhawan at the University.
- The birth anniversary of Sardar Vallabh Bhai Patel was organised with gusto and many activities Run for Unity, Rangoli, Essay Competition, Debate Competition and Extempore Speech were carried out in the Departments of Law, Physics, Economics and English. Similarly, the first Yoga Day was celebrated with great enthusiasm and fervour and several activities were carried out in the different departments, hostels and also in the Senate House.
- The Office has also been involved with centralised Admission set-up since its inception and has been co-ordinating intra and inter faculty resolutions of issues relating to admission process, grievance redressal and innovating new practices. Like previous years the Professor Incharge, OAP was the ex-officio Chairman of the Committee for Admission to Courses of Study and coordinated admissions to various academic offerings that the university has been making.
- A special lecture on "Challenges from India's Western Neighbourhood" by Amb. Vivek Katju was organised by the University of Allahabad and Ministry of External Affairs, Government of India. Amb. Katju deliberated upon various pivotal issues concerning the foreign policy of India.



Prof N R Farooqi, VC chairs the Industry-Academia meet on April 11, 2015. Members of East UP chamber of Commerce and Industry (EUPCCI) interact with senior faculty.



Inaugural address by Prof. R.K.Singh, Professor Incharge (Academic Programme) at UGC - (SAP) orientation programme on the theme of "Quality Improvement in Research" on May 7, 2015





Inauguration ceremony of First GIAN Course at CBCS with Prof John Wearden of the Keele University as Guest Faculty



Rangoli Competition in the Dept of Physics on Unity Day



Live Webcast of The Hon'ble President's Address on Aug 10, 2015 in the Senate Hall



Live Webcast of The Hon'ble President's Address on Aug 10, 2015 in the Senate Hall

### Rastriya-Ekta-Diwas2015



Professor Incharge addresses the faculty and students in the Dept of Physics on Unity Day



Audience at the Unity Day function in Dept of Physics

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## RESEARCH PROJECTS

### (A) Details of Research Projects

Sl. No.	Name of PI	Title of Project	Date of Award	Duration	Funding Agency	Sanctioned/ Approved Amount
1.	Dr. A.C. Pandey	High Fluence Ion Beam Facility (HFIBF)	29.09.2010	5 years	DST Nano Mission	12,17,17,492.00
2.	Ms. Abmalika Niyogi	Mass pollution and Mass extion Tranty and fines	01.07.2015	2 years	DST	9,47,000.00
3.	Dr. A.K. Rai	Investigation and quantification of Deposited Materials on Tokomak Vacuum Vessel Wall, Windows and Limiter using laser Induced Breakdown Spectroscopy	01.04.2012	3 years	BRFST	72,42,000.00
4.	Dr. Anita Singh C/o Dr. S.M. Prasad	Biosyntheses of nano particles from metal hyper accumulator plant & its application for metal remediation	02.06.2014	2 years	DST	25,00,000.00
5.	Dr. Anup Som	Understanding the underlining mechanism of pluri potency using integrative bioinformatics approach.	26.04.2014	2 years	UGC	6,00,000.00
6.	Dr. Ashish Kumar Singh	Screening of novel psychrophilic alkaline protease from the metagenome of Antartic Soil. (2014-2016)	05.08.2014	3 Years	DST	19,55,000.00
7.	Dr. Ashish Kumar Singh	Establishment of bacterial diversity from the effluent of leather industry; search of a novel species.	19.06.2014	2 years	UGC	6,00,000.00
8.	Dr. Ashish Saxena	State initiatives, changing agranam society and the backward castes : A study of social mobility among Dalit of rural eastern UP	27.02.2015	2 years	ICSSR	7,00,000.00
9.	Dr. Awadh Bihari Yadav	"Targeted delivery of Sir ANA loaded PLGA micro particles to the lung via inhalation for lung cancer treatment (2014-2016)		3 years	DST	26,91,000.00
10.	Dr. Awadh Bihari Yadav	Targeted delivery of different size microparticles to the lung macrophage.	19.06.2014	2 years	UGC	27,06,000.00
11.	Dr. B.N. Mishra	Resource utilization, Environmental problems and sustainable development in trans-Yamuna Region of Allahabad.	01.07.2012	2 years	UGC	6,54,600.00
12.	Dr. Banalata Mohanty	Role of novel neuropeptide gonadotropoin inhiniting hormone in seasonal gonaldal cycle of birds.	01.02.2011	3 years	UGC	5,99,800.00



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Sl. No.	Name of PI	Title of Project	Date of Award	Duration	Funding Agency	Sanctioned/ Approved Amount
13.	Dr. D.K. Chauhan	Assessment of sedges based on: Micro morphological character food value and potential role in phyto remediation in wetlands of U.P.	07.12.2012	2 years	UPSBB	11,84,000.00
14.	Dr. Devender Kaur	Development of high fiber extruded and baked foods by utilizing industry by products(Rice bran and legume husk)	01.07.2014	2 years	UPCAR (UP Council of Agri. Research	10,67,880.00
15.	Dr. Dinesh Kumar Yadav	Rice genome mining for the identification for the identification of novel GPCRs and decipher their role in abiotic stresses	15.05.2014	3 Years	DST_SERB	4,80,429.56
16.	Dr. Geeta Watal	Evidence based study of ant diabetic and antioxidant attributes of trichosanthes dioica and raphanus sativus	01.04.2013	3 years	UGC	13,15,800.00
17.	Dr. Geeta Watal	Novel insight of ant diabetic and antioxidant potential of Raphane's sativus and Ficus religiosa	31.10.2012	3 years	CSIR	19,20,400.00
18.	Dr. Geeta Watal	A Pharmacognostical Study of Fruits and Leaves of T.dioica	24.08.2014	3 years	NMPB	15,90,400.00
19.	Dr. Gopal Sahu	A study on Research Methodology in Philosophy	14.03.2012	2 years	ICPR	2,05,000.00
20.	Dr. H.N. Mishra	Urbanization and Regional development in Eastern Uttar Pradesh	01.07.2012	2 years	UGC	8,91,400.00
21.	Dr. H.N. Mishra	Role of small and Intermediate towns in Regional Development Process	08.09.2012	2 years	ICSSR	5,12,775.00
22.	Dr. I.R. Siddiqui	Ionic liquids in multi component reactions for new eco-compatible heterocyclic synthesis	01.07.2011	3 years	UGC	10,58,800.00
23.	Dr. Jagdamba Singh	Green catalysis in synthesis of biologically useful heterocyclics from renewable bioresources	01.04.2013	3 years	UGC	11,45,800.00
24.	Dr. Jalaj Gour	Identification leishmanial excretory stress induced proteins (LES-SIPs) and their role in modulation of macrophage effect or functions.	January 2015	2 years	UGC	6,00,000.00
25.	Dr. Kamlesh Pandey	Synthesis and Characterisation of large area Synthesis porous nanocomposite polymeric membrane for application of ground water purification.	20.07.2014	3 years	DST SERB , Lucknow	32,81,200.00

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Sl. No.	Name of PI	Title of Project	Date of Award	Duration	Funding Agency	Sanctioned/ Approved Amount
26.	Dr. (Mrs.) Krishna Srivastava	Design Synthesis/Characterization and Application of Nonporous Metal Organic Framework	23.02.2013	3 years	DRDO	35,32,000.00
27.	Dr. Lokendra Kumar	DST Project "Photo-Physical Cells"	10.01.2014	3 years	DST	27,60,000.00
28.	Dr. M. P. Singh	Bioremediation of synthetic dyes pollution by white rot fungi(Pleurotus spp).	2011	3 years	U.G.C.	13,00,900.00
29.	Dr. Munish Kumar	Study of gene polymorphic in North Indian: Interaction with tobacco exposures and risk	April 2014	3 years	DST SERB	25,00,000.00
30.	Dr. Munish Kumar	Genetic Polymorphism in North Indian Population its association towards Head and New Canev	August 2014	2 years	UGC	6,00,000.00
31.	Dr. Narayanan Srinivasan	R.R. Project	Oct. 2015		Association of Psychological Science	USD 1280.00
32.	Dr. Narayanan Srinivasan	Study on effects of cognitive styles on perception of products and product benefit	December 2013	2 Years	Hindustan Uniliver Ltd.	16,85,400.00
33.	Dr. Narayanan Srinivasan	Religion and Social Decision Making	December 2014	3 years	Arizona State University USA	24360 USD
34.	Dr. Narayanan Srinivasan	India Trento Programme for Advance Research "Flexible perception and action in the context of naturalistic scenes	December 2013	2 years	DST	2,90,9400.00
35.	Ms. Neda Waheed C/O Dr. A.R. Siddiqui	Problems and prospects of drinking water quality and sanitation condition in slums area of Allahabad	26.12.2014	One year	NASI	3,25,600.00
36.	Dr. Neelam Yadav	In vitro enhancement of bioavailability of micro minerals	01.07.2012	3 years	UGC	11,54,700.00
37.	Dr. Neelam Yadav	Evaluation and promotion of processing varieties of potato in selected regions of UP and development of potato based RTE products	28.07.2014	3 years	UPCAR	18,63,000.00
38.	Dr. P.K. Sahoo	A study of Innovative Teaching Learning & Evaluation Practice in the Best Rated Hells by NAAC	18.08.2015	3 Years	UGC	10,24,000.00
39.	Dr. P.K. Sahoo	Production of course ware e-content Development of PG Subjects Education	14.07.2015	1 year	UGC	1,12,000,00.00



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Sl. No.	Name of PI	Title of Project	Date of Award	Duration	Funding Agency	Sanctioned/ Approved Amount
40.	Dr. P.K. Tandon	Acid catalyzed oxidation organics by sodium ferrate : a potential non-hazardous oxidant in non aqueous medium	01.07.2011	3 years	UGC	7,04,800.00
41.	Dr. P.K. Tandon	Green Synthesis of Zero Valiant Iron nano panicles for remediation of organics, metal ions and micro organism in polluted water	29.03.2012	3 years	CSIR	16,00,400.00
42.	Dr. Pramod Katara	Functional genomics of the phytopathogenic fungus to unravel the fungal pathogenecity	04.08.2014	2years	UGC	6,00,000.00
43.	Dr. Prashant Dubey	Self organization of monodispersed noble metal nano-particles on functionalized grapheme via green approach for their possible application	30.12.2013	3 years	DST	25,00,000.00
44.	Dr. Prashant Khatri	Livelihood Issues in Disaster context: case of Flood in Bahraich U.P	Feb. 2014	21 months	ICSSR	5,00,000.00
45.	Dr. Pratibha Singh	Influence of Pigsties Agro eco system	01.07.2015	3 years	DST	28,36,889.00
46.	Dr.Preyas Ankit	Application of Benign Nano catalysts and Complexes of Ri, Rh and Pd Metals in Green Synthesis	02.04.2012	3 years	DST	25,45,000.00
47.	Dr. Priyamvada Singh	Estimation .....India	01.07 2015	3 years	UGC	13 89 000 00
48.	Dr. R.R. Yadav	Development and characterization of namomaterials for biomedical applications	19.20.2013	3 Years	SERB	22,59,865.00
49.	Dr. Rajeev Kumar Yadav	Isolation and characterization of metaltolarant genes from contaminated sites using meteraanscriptomic approach		3 years	DST_SER B	
50.	Dr. Ram Gopal	Granular GMR(LIBS) : Synthesis and Characterizations	04.06.2012	3 years	DAE	24,95,750.00
51.	Dr. Ramji Rahman		07.01.2015	2 years	UGS BSR	6,00,000.00
52.	Dr. Ranu Dutta	Young Scientist Project, Biogenic synthesis of Nanoparticles for their applications MRI and drug delivery	04.10.2013	3 years	DST Young Scientist	25,00,000.00
53.	Dr. Ravindra Dhar	Liquid crystal-nanocomposite materials for display and photovoltaic applications	23.07.2012	3 yars	UGC	10,51,800.00
54.	Dr. Ravindra Dhar	Nature Inspired Low cost organic and their Nano-Composites based Photovoltaic Solar Cell	23.07.2012	3 years	DIT	69,00,000.00

## UNIVERSITY OF ALLAHABAD

Sl. No.	Name of PI	Title of Project	Date of Award	Duration	Funding Agency	Sanctioned/ Approved Amount
55.	Dr. Renu Johri	मध्यकालीन संस्कृत ग्रन्थों में वणिर्तलय व ताल संगीत तथ्यों का विश्लेशणात्मक अध्ययन	01.04.2013	2 years	UGC	6,62,600.00
56.	Dr. Richa Tandon C/o Prof. Anupam Dixit	Molecular Biodiversity analysis of nitrogen fixing Cyan bacteria germ plasim of A.U.	06.06.2014	3 years	DST	24,10,000.00
57.	Dr. Ritu Kapoor	Visible light Trigered PhoOto cataly sed....scofolds.	01.07.2015	3 years	DST	32,90,000.00
58.	Dr. S. Bhadauria	Dynamic of Threats- to Internal security in India: Linking Human Dimensions	01.07.2012	3 years	UGC	8,17,100.00
59.	Dr. S.I. Rizvi	Studies on alterations in redox status and enzymes during erythrocyte senescence	29.02.2012	3 years	SERB	30,57,000.00
60.	Dr. S.K. Maharana	Philosophy of Mind in Advaita Vandanta	01.04.2013	2 years	UGC	1,45,000.00
61.	Dr. S.K. Malhotra	Anthelminithc potential of honey bee venom dots role as growth supplement in Khaki Campbell duck model	01.07.2012	3 Years	UGC	12,95,300.00
62.	Dr. S.M. Prasad	Study on Plant growth regulator modulation of cadmium Toxicity in some vegetable crops	01.07.2012	3 years	UGC	14,06,800.00
63.	Dr. Shahla Rahmani	Kinetic studies of oxidation of some of organic catalyst.	01.04.2013	3 years	UGC	5,81,800.00
64.	Dr. Shailendra Rai	Predictability of intra seasonal oscillations from coupled models	22.10.2013	3 years	DST	15,60,000.00
65.	Dr. Shailendra Rai	Predictability of intraseasonal oscillatory modes and ENSO-monsoon relationship in NCEP CFS with reference to Indian & Pacific Ocean	01.03.2013	3 year	IITM Pune, MoES	26,92,000.00
66.	Dr. Shailendra Rai	Impact of surface and subsurface Variability of Southwest tropical Indian Ocean in the variability of the Indian Ocean	02.03.2016	3 years	DST	22,73,200.00
67.	Dr. Suneet Dwivedi	High Resolution Ocean-Sea ice Modeling of the Southern Ocean	27.03.2012	5 years	NCAOR	95,98,400.00
68.	Dr. Suneet Dwivedi	Investigation of Indian Tele connection with the Polar Environment Process	01.07.2015	3 Years	SAC Ahmedabad	18,00,000.00
69.	Dr. Suneet Dwivedi	Understanding circulation and predictability of the Indian. ...system theory.	01.07.2013	3 Years	DST	18,20,000.00

## UNIVERSITY OF ALLAHABAD

Sl. No.	Name of PI	Title of Project	Date of Award	Duration	Funding Agency	Sanctioned/ Approved Amount
70.	Dr. Suneet Dwivedi	Improved Ocean Initialization for coupled modelling for Week-2 Monsoon forecast	01.10.2013	3 years	IITM Pune	91,59,000.00
71.	Dr.Suneet Dwivedi	A Non-Linear Dynamical Perspective on the Predictability of climate over India	01.02.2013	3years	DST	26,55,000.00
72.	Dr.Supriya Ray	The neural mechanisms of decision making for coordinated eye-hnd movements.	February 2014	5 yrs	Well come Trust DBT India Alliance	2,25,01,600.00
73.	Dr. Supriya Ray	Influence of attention on control of eye movement			DST	48,58,200.00
74.	Dr. Tulika Malviya	Synthesis and characterization of Polysaccharide Nanoparticles for Drug Delivery	20.12.2013	3 years	SERB	24,45,000.00
75.	Dr. Ujala Minhas	Studies on relationship induced lupus.	January 2015	2 Years	UGC	6,00,000.00
76.	Dr. Vikas Baranwal	Semiconducting quantum dots: The study of synthesis and shape evolution by energetic ions	06.03.2012	3 years	DSTYoung Scientist	20,16,000.00
77.	Dr. Vinod Verma	Derivation and Navigation of Porcine (Sus Scrofa) Pluripotent stem cells	30.06.2014	3 years	'DST	22,00,000.00
78.	Dr.Vinod Verma	Derivation and Navigation of Porcine(Sus Scrofa) Pluripotent stem cells towards cardimoyocyts(2014-2016)	19.06.2014	2 years	UGC	27,00,000.00
79.	Dr. Vishnu Prabhakar	Strategic utilization of visible light photocatalysis in organic synthesis and strategic application of hetrocycle.	24.03.2012	5 years	DST	35,000,00.00
80.	Dr. Vivek Kumar Pandey	Indonesian Through flow variability and dynamics of Indian Ocean	01.01.2013	3 years	DST	24,20,000.00
81.	Dr.Vivek Kumar Pandey	Indonesian through circulation	01.07.2015	3 Years	UGC	1,86,000.00
82.	Dr. Zeba Khan WOS-B Under SORF Scheme of DST	Innovative approaches for supplementation to reproductive age group women suffering from malnutrition and leucorrhera using locally available food items	08.01.2015	1 Years	DST_SOR F	5,00,000.00
<b>GRAND TOTAL (APPROX)</b>						<b>30,84,50,080.56</b>

**(B) Setting up of Accelerator Center in University System: a TREND REVERSAL**

*DST no.: IR/S2/PF/0001/2009, Principal Investigator: Avinash C Pandey*

*Concerted efforts have been made to nucleate cost intensive front ranking research base in Nano Science & Nano Technology, Bio Technology, Materials Science and Bio-informatics towards ‘Smart Convergence’. A medium energy High Fluence Ion Beam Facility (HFIBF), a user facility, dedicated to ion beam materials engineering, analysis and modification is being procured at the Nanotechnology Application Centre, University of Allahabad.*

The University has planned for national central user facility of sophisticated equipments under one roof, unique in this part of country with state-of-art facilities for researchers. It will be operated as a User facility with time allotment for approved projects by a National Accelerator User Committee (NAUC) or by a User Committee closely associated with NAUC. **The facility has been established under project mode funded by Department of Science & Technology, Government of India and is unique of its kind in university system in India and is considered to be trend reversal as against consortiums.** An in-house facility of this type in the university will most certainly help in attracting students towards experimental sciences. The facility will be gradually developed providing opportunity to younger generation to get involved in projects involving state of the art technologies.

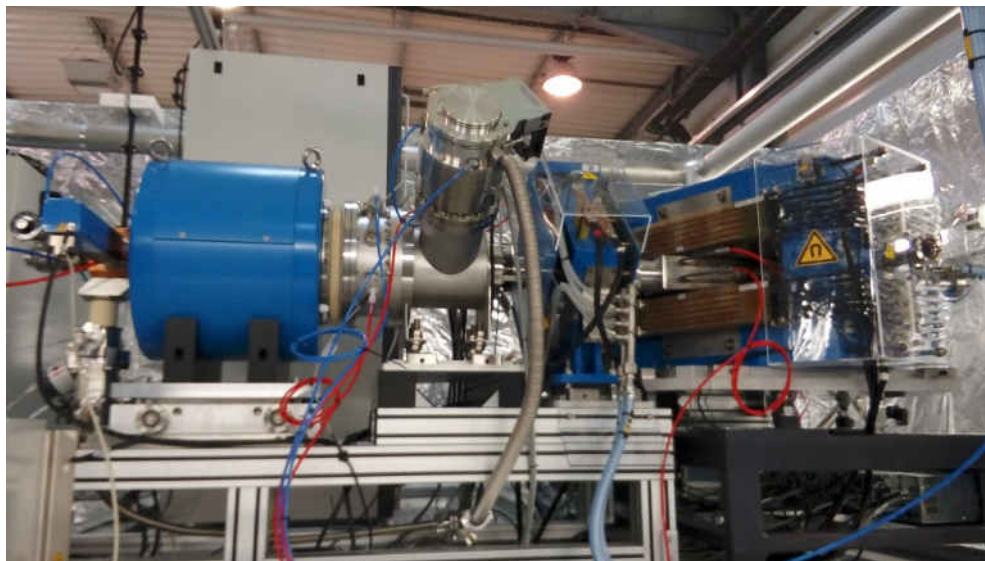
**VISION:**

- *State-of-the Art Facility for Synthesis and Characterization of Nano-materials available in University with a focus on Bottom-UP Synthesis (NAC)*
- *To acquire State-of-the Art ion source with auxiliary equipment, beam line, beam processing systems, experimental facility etc. to commission the basic facility (HFIBF)*
- *Development of two additional beam lines.*
- *Set up of In-Silico Facility for Molecular Dynamics by augmenting the nodes in existing Computer Center (MDSC)*
- *Combination of NAC, HFIBF and MDSC as a Cluster for being recognized as Inter University Consortium(IUC) with the support of UGC.*

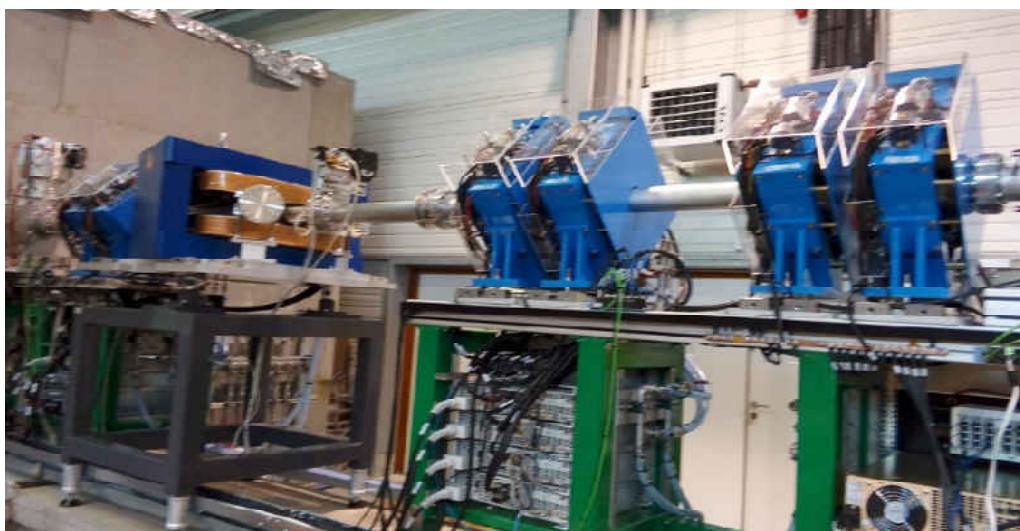


*Building for Accelerator Center (Start date for construction 10.04.2014- Completion August 2015) by RITES INDIA*





*Ion Source on High Voltage Deck*



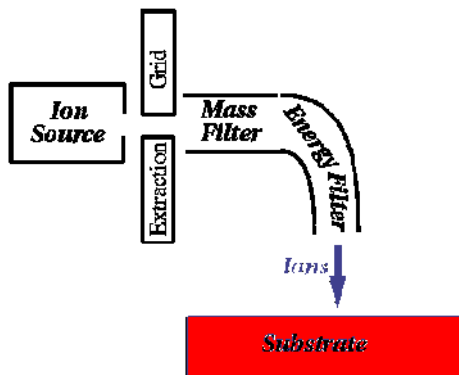
*Extraction Unit and Beam Line*

**OBJECTIVES:**

- *To set up a mini accelerator based research facility in Allahabad University using ECR ion source to create an environment for pursuing experimental work in interdisciplinary areas.*
- *Accelerator based laboratory provides best possible environment for training human resource as it encompasses latest technologies such as computer control, analog and digital instrumentation, ultra high vacuum, cryogenics etc.*
- *First phase will be to acquire a state of the art ion source and develop indigenously the High Voltage Platform, auxiliary equipment, beam line, beam processing systems, experimental facility etc to commission the basic facility*
- *It will then be gradually developed providing opportunity to younger generation to get involved in projects involving state of the art technologies.*
- *An in-house facility of this type in the university will most certainly help in attracting students towards experimental sciences.*

Ion beams are used extensively to both process and characterize materials. In the keV to MeV energy range,

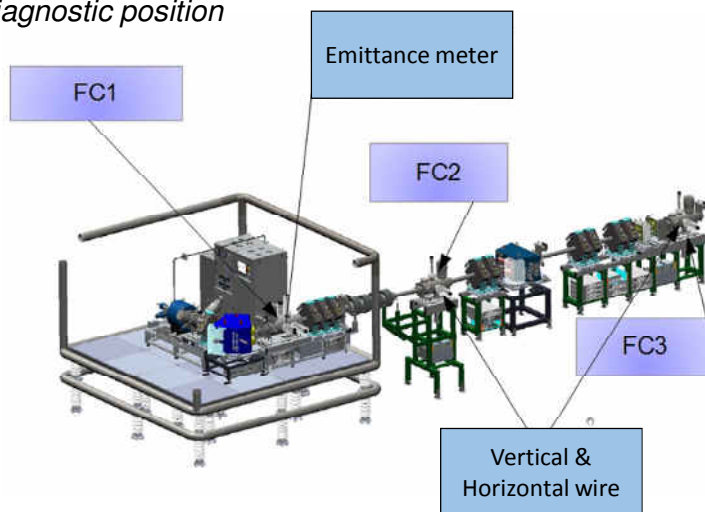
**Generation of an Ion Beam**

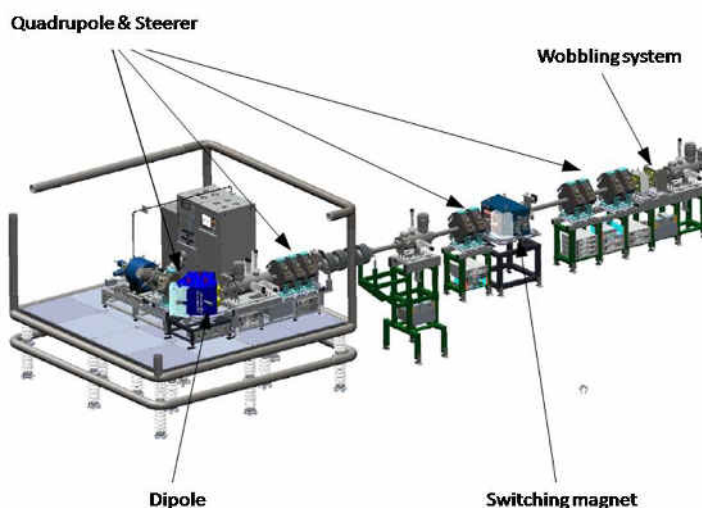


for example, ion beams are used to implant dopant atoms into the interior of a semiconducting wafer to alter its electronic properties. Although, the facility is being commissioned for one beam line for Materials Science research activity at zero degree, but it can be augmented for two other beam lines at  $\pm 30^\circ$ , which can be developed in future and user can also be involved in the development with new ideas, not limited to only Materials Science but also can extend to different fields including nanobiotechnology and Theranostics. The HFIBF is based on a Model Supernanogan manufactured by PANTECHNIK (Bayeux, France). *PK-Triveni* is based on Supernanogan that is an ECR ion source, reliable and with high performance, in which the magnetic circuit is entirely made with permanent magnets both for the radial and longitudinal fields, so the total

electrical power is extremely low, which can run with RF power up to 750 W at 14.5 GHz depending on the element and charge state needed. The source is equipped with maximum extracting voltage of 25 kV with 300 kV platform. This ion source is working in several laboratories and is the reference source for Hadron therapy, the ultimate cancer treatment method. The RF plasma is basically used for gasses ion and the oven and sputtering ions sources are designed for metallic ion beam. All the sources has been tested and beam of  $\text{Ar}^{8+}$ ,  $\text{Xe}^{20+}$ ,  $\text{He}^{2+}$ ,  $\text{C}^{4+}$ ,  $\text{O}^{6+}$ ,  $\text{Bi}^{20+}$  and  $\text{Ta}^{20+}$  has been generated with huge current of more than 160, 800, 12, 160, 160, 10,  $3.2 \mu\text{A}$ , respectively, with 100% transmission. The high flux ion beams for the experiments will have good stability, emittance, profile, transport and homogeneity with higher beam quality for cutting edge physics to be conducted to fill the gaps in between the accelerator grid in India. (Supernanogan can be used in any kind of accelerators, i.e. RFQ, LINAC, Synchrotrons, Cyclotrons, etc. includes RF plasma, oven and sputter ion sources.)

*Beam diagnostic position*



*Beam optics position***ADVANTAGES:**

A mini accelerator based research facility in University of Allahabad using ECR ion source has been envisaged to create an environment for pursuing experimental work in interdisciplinary areas as accelerator based laboratory provides best possible environment for training human resource as it encompasses latest technologies such as computer control, analog and digital instrumentation, ultra high vacuum, cryogenics etc. Development of such a high fluence ion beam facility will complement existing accelerator facilities in our country, as presently there is no facility, which can provide the fluence planned.

<i><b>Ion</b></i>	<i><b>Current (FCI)</b></i>
<i><b>Ar<sup>8+</sup></b></i>	<i><b>&gt;160μA for 6H</b></i>
<i><b>He<sup>2+</sup></b></i>	<i><b>&gt;800μA for 1H</b></i>
<i><b>Xe<sup>20+</sup></b></i>	<i><b>&gt;12μA for 1H</b></i>
<i><b>C<sup>4+</sup></b></i>	<i><b>&gt;160μA for 1H</b></i>
<i><b>O<sup>6+</sup></b></i>	<i><b>&gt;160μA for 1H</b></i>
<i><b>Ta<sup>20+</sup></b></i>	<i><b>&gt;3.2 μA for 1H</b></i>

Ion beams are used extensively to both process and characterize materials. Besides, Ion implantation, the process of introducing impurities into the near-surface regions of solids by directing a beam of ions at the solid the other examples of the use of ion beams as a materials fabrication tool are ion-beam synthesis and ion-assisted growth. Rather than implanting ions into a substrate, ion-beam synthesis deposits atoms at or near the surface of a substrate. Because the ions are deposited at relatively high energies, this technique can be used to produce materials with metastable structures. In ion-beam assisted deposition, an ion beam is used to locally deposit energy at the surface of a substrate. Inert ions like argon, for example, can be used to add extra kinetic energy at a substrate while other lower-energy, gas-phase species are simultaneously deposited. In tribiological applications, both ion-beam synthesis and ion-assisted growth can also be used to 'densify' materials by knocking atoms into voids and other defects that may occur during the vapor deposition of materials thus improvising the material properties including enhanced life of implants suitable for surgical applications. As a fabrication tool, for example, Focused ion beams have been used to produce micron-scale (and sometimes smaller) features on solid substrates. Ion beams have also been used to machine scanning-probe microscopy tips into well-defined shapes that are needed to accurately measure surface topologies using atomic-force microscopy. To characterize the composition of solids and solid surfaces, in Secondary-Ion Mass



Spectrometry (SIMS), ion beams are also used to sputter material from a surface and by measuring the mass of ions sputtered from a substrate the composition of a solid as a function of depth can be determined.

*In another promising area, ion beams are emerging as potential tool for therapy.* The conventional radiation therapy, beams of X rays (high energy photons) are produced by accelerated electrons and then delivered to the patient to destroy tumour cells. Using crossing beams from many angles, radiation oncologists irradiate the tumour target while trying to spare the surrounding normal tissues. Inevitably some radiation dose is always deposited in the healthy tissues. An ionized gas source is first accelerated through an extraction grid. The ions are then filtered first to have the correct mass and then the correct energy before being used to bombard a substrate which can also be a Tumor. Instead when the irradiating beams are made of charged particles (protons and other ions, such as carbon), radiation therapy is called hadrontherapy and the strength of this therapy lies in the unique physical and radiobiological properties of these particles; they can penetrate the tissues with little diffusion and deposit the maximum energy just before stopping. *This allows a precise definition of the specific region to be irradiated.* The peaked shape of the hadron energy deposition is called Bragg peak and has become the symbol of hadrontherapy. With the use of hadrons the tumour can be irradiated while the damage to healthy tissues is less than with X-rays.

The advantages of hadrontherapy compared to traditional radiotherapy are:

- The release of energy (and thus the destruction of cells) is done selectively, targeting only cancer cells. The damage incurred in the body on initial penetration is relatively small and significant release of energy is confined only to the vicinity where the cancer is located (**a phenomenon referred to as the Bragg Peak**). This maximizes the destruction of cancerous tissues while minimizing collateral effects on healthy tissues
- The beam of hadronic particles remains collimated as it penetrates the biological material. The **high collimation of the beams** of hadrons further minimizes damage to healthy tissues
- The energy release mechanism for hadrontherapy causes a large amount of breaks on the chemical links present in biological macromolecules, especially DNA. The latter has the ability to repair itself, but if the number of broken links is excessive it loses its function of self-reparation and the cells remain inactive and die. In conventional radiotherapy the DNA damage is modest; on the contrary, in the hadrontherapy with carbon ions the number of breaks allows the destruction even of tumors resistant to conventional therapy.
- Together these three benefits result in a significant destructive effect on biological tissues, for which reason the target (tumor) must be positioned with a degree of accuracy which is much greater than that associated with conventional radiotherapy.

Effective application of hadrontherapy requires the following:

- a proton and / or ion accelerator (such as the circular accelerator or synchrotron) producing a number of particle beams
- a system for transporting the beam in the treatment room
- a procedure for precisely positioning the patient for treatment
- complete control of the energy to be released i.e. the dose
- a three-dimensional customized patient treatment system obtained by integrating diagnostic imaging results (CT, MRI, PET).

*It is important to note that since hadrontherapy is a relatively recent addition to the modern oncological treatment panorama, a number of indicators are still in the experimental stage and thus a lot many experiments can be planned with this facility to train the young minds for taking up the challenges of Hadron Therapy.*

## REPORT OF THE CONSTITUENT COLLEGES / INSTITUTES OF UNIVERSITY OF ALLAHABAD

### Arya Kanya Degree College, Allahabad

Arya Kanya Degree College was awarded 'B' Grade, Descriptor: Good by NAAC in 2016.

The NAAC PEER TEAM consisting of Professor H.M. Maheshwaraiah, Chairperson, Vice-Chancellor, Central University of Karnataka, Gulbarga, Dr. Ananda Amritmahal, Member Co-ordinator, Principal, Sophia College, Mumbai and Professor Sharanjit Singh Dhillon, Member, Registrar, Guru Nanak Dev University, Amritsar visited Arya Kanya Degree College on 26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> November 2015 to assess the quality of higher education being imparted to the students at our institution. They were satisfied with the progress of the College.

Inspired by the principles of Swami Dayanand Saraswati, the College was founded in the year 1975, International Womens' Year. To carry out this spectrum of philanthropic mission we aspire to impart education to women coming from weaker sections of society. We have produced the first female graduate from many families.

### C.M.P. Degree College

At the outset, we are presenting a brief history of the College. Initially the College started in the well-known K. P. College building, a premier institution of Allahabad. It was later that the College took the form of a sprawling campus when in 1955 it was shifted in the building of what was once the Zamindar Association of U.P. Now, this is the nucleus of the College which has extended into several buildings elsewhere in the city. It became a full-fledged Degree College with both Arts and Science faculties in 1955.. The College is a co-educational institution. It was in 1972 that the Law Faculty was added to the fold of the College family. The Faculty of Commerce was opened in 1976. The College became a Constituent College of the University of Allahabad on July 14, 2005. Thus, the College now imparts undergraduate teaching in four faculties namely Arts, Science, Commerce and Law catering to the needs of approximately 8000 Students.

### Hamidia Girls' Degree College

Accredited by NAAC in Cycle II. The Peer Team visited the College on 26<sup>th</sup>, 27<sup>th</sup> & 28<sup>th</sup> February, 2015. The College has been sanctioned in Grade-B by NAAC.

### Iswar Saran Degree College

Iswar Saran Degree College, a constituent college of the University of Allahabad was established in the year 1970 under the aegis of Iswar Saran Ashram with two vibrant units; Gandhi Study Circle and Gandhi Memorial Library as integral part of it. The college imparts higher education in three streams; Arts, Commerce, and Sciences with the maximum emphasis on quality didactics and higher moral values to keep pace with the global and national demands. Apart from this, the college also runs several vocational courses approved by UGC under different faculties viz. Food Processing and Automobile in B. Voc. Degree program, Computer Application, Computer and Electronic Equipment Maintenance and six add-on courses like mobile repairing, e-commerce, watershed management, microbial bio-fertilizer : production and utilization, computer application 'O' level diploma, and library science.

The college sprawls over 20 acre of land with rich infrastructural setup including adequate number of lecture halls, smart classes, well equipped laboratories, general library, reference library, computer centre, conference hall, multimedia centre, gymnasium, sports complex, student health centre, career guidance cell, Grievance cell and women cell etc. Botanical garden and conservatory has also been established to conserve rare and threatened plants of the region. Such an infrastructural setup has generated work culture, academic and research milieu in the college conducive to the pursuit of studies and producing top rankers in academic and outreach activities of the University/college. The college also has a NCC Coy for boys and 1 Coy for girls, and 10 NSS Units both for boys and girls.

### Rajarshi Tandon Mahila Mahavidyalaya

The College was established in the year 1975 as an extension of Gauri Pathshala Inter College (established in 1905). The primary aim of the establishment of this College in the thick locality of Malviya Nagar (Ahiyapur), near the birthplace of Bharat Ratna Rajarshi Purshottam Das Tandon, Pt Madan Mohan Malviya and Pt. Bal Krishna Bhatt, was to educate and

empower the girls of this area who were unable to go to the university for higher education. In 1975 late Shri Hemwati Nandan Bahuguna, the then chief minister of Uttar Pradesh in the International Year of Women opened five girls Degree College in Allahabad. To fulfil the dreams of Rajarshi Ji, his daughter-in-law late Smt Rani Tandon established Rajarshi Tandon Mahila Mahavidyalaya. Late Justice Mahesh Prasad Mehrotraji, Late Smt Rani Tandonji and late Shri Hari Mohan Das Tandonji were founder members of the college. The College began with Hindi, Sanskrit, English, Education, Music (Instrumental) Music Vocal, Political Science, Economics, Ancient History and was affiliated to the University of Allahabad. The College received grant in aid in 1984 by the efforts of Late Chaudhary Naunihal Singh, Late Sunit Vyas, Late Ashok Kumar Tandon, Late Kamla Prasad Mohile "Kunnan Guru". The College attained Central status and became a constituent College of the University of Allahabad in 2005 and received B grade by NAAC in the year 2005. The second cycle of the accreditation was done by NAAC in October 2015. The College attained B Grade.

### **Shyama Prasad Mukherjee Govt Degree College, Phaphamau, Allahabad**

Shyama Prasad Mukherjee Govt. Degree College, Phaphamau, Allahabad is a multi-faculty college: Faculty of Arts with 8 departments viz. Ancient History & Archeology, Defence & Strategic Studies, English, Geography, Hindi, Philosophy, Political Science and Sanskrit, Faculty of Science with 5 departments viz. Botany, Chemistry, Mathematics, Physics and Zoology, and the Faculty of Commerce. There are 50 posts of teaching faculty (including Principal) and 22 posts of non-teaching staff. The college caters over 1600 students, mostly coming from nearby rural areas.

### **Allahabad Degree College**

Allahabad Degree College, a Constituent College of University of Allahabad, established in 1956, aims to fulfill the needs of the society in terms of quest for knowledge. It provides equal opportunity to all students, including those belonging to socially and economically weaker sections of the society to study multiple disciplines, including social sciences, humanities, commerce, law, basic and applied sciences, with the aid of best practices, qualified teachers, teaching aids and infrastructure, under the academic leadership of the University of Allahabad. The College provides quality education to all students coming from rural as well as urban background.

Admission in the College is made on the basis of Combined Under Graduate Admission Tests (UGAT- B.A., B.Sc., and B.Com.) and also for Admission test in LL.B., organized by the University of Allahabad. The College prepares an Academic Calendar in the beginning of each academic session. Every effort is made to make this academic calendar conducive to healthy academic atmosphere and also extra-curricular activities. This calendar is followed strictly and amendments are made to it only under extra ordinary circumstances.

Use of modern teaching aids is encouraged in the College. These include power point presentations, use of L.C.D. and overheads projectors, diagrammatic representations etc. Students are encouraged to use magazines, journals and newspapers for acquisition of life skills.

The College has an academic environment which is conducive to research activities. Faculty members are granted study leave on the basis of rules and regulations framed by the University of Allahabad and UGC. The College has research facilities including a library equipped with broad band internet connection, which is available free to all the staff members. Besides this, research journals in various disciplines, reference books, reports of national and international organizations, census documents, plan documents etc. are available to all staff members. The College has latest computers in the Computer Centre where faculty members can analyze their data.

The College has developed a strong base of physical and academic infrastructure, spread over in 3 campuses, to meet growing demand of young boys and girls pursuing the courses of Science, Arts, Commerce and Law. Special emphasis has been laid on development of 4 libraries, 3 computer laboratories and other subject specific laboratories.

Apart from their formal study, the College supports students for appearing and qualifying in various competitive examinations by organising special lectures on current and social issues. Interdisciplinary lectures are also organised for this purpose. Workshops on Personality Development and Spoken English are also organised. Debates and essay competitions are a continuous part of extracurricular activities.

Development of Computer skills and computer literacy is a part of curriculum of various subjects, like Computer Science, Computer Application, Statistics, Mathematics, Defence and Strategic Studies, Psychology, Commerce. For other students, the College runs a One Year Training Programme of Computer Applications, at a nominal fee. This programme prepares students for appearing in the 'O' level Certificate programme.

The College organises workshops, seminars, lectures, debates, etc. for developing life skills, career training and personality development of students from time to time. To sensitize the students towards community development and social issues like illiteracy, pollution, gender discrimination, health, sanitation, etc., 12 units of National Service Scheme are in operation.

The Management of the College is fully committed for the development of quality higher education according to the norms of the University of Allahabad. For this purpose, the Management always takes initiative to provide modern and state of art educational technology, development/ and improvement of the infrastructure of the College according to the changing needs. The Management emphasises that all academic and administrative activities of the College should be governed by the principles of participation and transparency. It ensures that the finances of the College are judiciously allocated and optimally utilised, the procedures and follow up actions are systematised. There is adequate representation of Faculty members as well as non-teaching staff in the Governing Body of the College

The College carries out its administrative and academic activities in a decentralised and democratic manner. The Staff Council, comprising of Heads of all the departments, Proctor, Coordinator Students' Welfare and Librarian, is the highest policy making body of the College. All the departments have a Staff Committee, headed by the Head of the respective Department. The College has a Dean (Academics) for different academic activities. The College also has a Dean (Research and Planning) for research and planning activities. All these committees function in a transparent manner.

### **Ewing Christian Collge**

- Established in 1902 as a PG College
- First College imparting University education in Affiliating
- Reduced to intermediate standard due to Allahabad University Reorganization Act, 1921
- Established Ewing Christian University College in 1923 in the vicinity of the University, to retain higher education classes, which is now William Holland University College
- Graduate Classes restored to ECC in 1950s
- Amongst first 30-35 Colleges of the Country, where UGC Schemes are inaugurated e.g. COSSIP in 1971, COHSSIP in 1975, Vocationalization of First Degree Program in 1994
- Autonomous since 1994 (now 22 years), one of the 5-6 Colleges in UP today
- First College of the University to go for NAAC Accreditation in 2004
- First College of the University to be awarded CPE Status by the UGC in 2006
- First and the only College of the University to be selected as a Community College by the UGC in 2014
- College also selected for B. Voc. Program by the UGC in 2015, but not able to start due to delay at University level

### **S.S. Khanna Girls Degree College**

Saraswat Khatri Pathshala Society was registered and established as charitable society in the year 1921 on the auspicious day of "Basant Panchami", with a motive to establish educational institution in the holy city of Allahabad. The land for the establishment was donated by "Late Lala Sadanlal Khanna". In the international year for women 1975, members of the Khatri Pathshala Society contributed to establish a Degree College with outstanding contribution of late S.N. Kakkar (Ex- Minister, Union of India), Prof. D. D. Khanna (Ex-Head of Department, Defence Studies, University of Allahabad) and Sri Shyam Narain Kapoor for establishing girls' degree college in name of Sadanlal Sanwaldas Khanna Girls' Degree College. The institution has grown from faculty to multi faculty where in education is being imparted in the faculty of Arts, Science and Commerce.

**LIST OF RESEARCH SCHOLARS ENROLLED AND DEGREE AWARDED**

**FACULTY OF ARTS**

**DEPARTMENT OF ANCIENT HISTORY**

Sl. No.	Name of Scholar	Area/ subfield	Topic	Gender	Date of Enrollment
1.	Shivangi Singh	Archaeology	Pracheen Bhartiya Samaj, Dharm Evam Kala Parteeekatmak Puratatv Ke Pariprekshy Mein	Female	08.04.2015
2.	Rajendra Kumar Kanaujia	Socio-economic	प्राचीन भारत में गुप्त काल के नगरीय प्रशासन का ऐतिहासिक अध्ययन	Male	08.04.2015
3.	Upasna Tiwari	Socio-economic	Society and Economy as Reflected in Silahara Inscriptions	Female	08.04.2015
4.	Vijay Kumar Jaiswal	Socio-economic	Pracheen Bharat Mein Shram Evam Shramjivi-Ek Adhyayan	Male	08.04.2015
5.	Raj Kishor Singh	Socio-Economic	वैदिक काल में पर्यावरणीय-नैतिकता : एक विश्लेषणात्मक अध्ययन	Male	08.04.2015
6.	Rohit Kumar Gupta	Art & Architecture	Nalanda : Itihas Evam Kala (Prarambh se 11veen Shatabdi Esvi Tak)	Male	08.04.2015
7.	Ajai Kumar	Art & Architecture	Joined Expression and Meaning of Women and Tree in Ancient Indian Art (200 B.C.-300 A.D.)	Male	08.04.2015
8.	Dhirendra Singh	Art & Architecture	प्राचीन भारतीय मुद्राओं में अंकित धार्मिक मूर्तियों एवं प्रतीकों का विश्लेषणात्मक सांस्कृतिक एवं ऐतिहासिक अध्ययन (प्रारम्भ से गुप्तकाल तक)	Male	08.04.2015
9.	Alok Kumar Singh	Socio-Economic	अर्थशास्त्र में वर्णित प्रशासकीय व्यवस्था की वर्तमान में प्रासंगिकता: एक आलोचनात्मक अध्ययन	Male	08.04.2015
10.	Sarvesh Singh	Socio-Economic	Prachin Bharat Mein Shiksha Vyavastha Ka Swarup: Yuganukul Parivartan Evam Satatya Ka Vishleshnatmak Adhyayan.	Male	08.04.2015
11.	Atul Narayan Singh	Socio-Economic	प्राचीन उत्तर भारतीय बौद्ध कला केन्द्रों के सामाजिक एवं आर्थिक महत्व का आलोचनात्मक अध्ययन	Male	08.04.2015
12.	12Manoj Singh Yadav	Socio-Economic	8वीं से 10 वीं शताब्दी ई0 के मध्य उत्तरी भारतीय समाज के विविध आयाम: एक समीक्षात्मक अध्ययन	Male	08.04.2015
13.	Rajendra Kumar	Art & Architecture	पुराणों में देवी दुर्गा के विविध रूप: एक प्रतिभा भास्त्रीय अध्ययन	Male	08.04.2015

**DEPARTMENT OF ANTHROPOLOGY**

S. N.	Name	Area/ subfield	Topic	Gender	Category	Enrollment Date
1.	Monika Dwivedi	Physical Anthropology	"A Two Year Follow Up Study on Growth Among Girls 8 To 18 Years of Allahabad City, Uttar Pradesh, India"	Female	Gen	10/03/2016
2.	Rahul Chaudhary	Physical Anthropology	"An Anthropometric And Physiological Profile Of Indian Gymnasts."	Male	SC	10/03/2016
3.	Daya Ram Singh	Physical Anthropology	"A Study of Impact of Silica Particles on The Health Of Inhabitants of Shankargarh Block, Allahabad."	Male	OBC	10/03/2016
4.	Bhmendra Singh	Social Anthropology	"The Socio-Cultural And Economic Factors Affecting The Quality of Life of Mushahars: An Anthropological study."	Male	Gen	10/03/2016



S. N.	Name	Area/ subfield	Topic	Gender	Category	Enrollment Date
5.	Vikas Pandey	Social Anthropology	"Paryavaran Sanrakshan Ke Sanskratic Avadan: Allahabad Zila Ke Nagreey Va Grameen Kahetra ka Manavshastreeya Adhyayan."	Male	Gen	10/03/2016

**DEPARTMENT OF ENGLISH AND MODERN EUROPEAN LANGUAGES**

S. No.	Name	Area/ Subfield	Research Topic	Gender	Category	Enrolment Date
1.	Priyamvada Singh	Diasporic Fiction	Cross Cultural Parallelism In South Asian Diasporic Women Writers :A Comparative Study ( Bharatee Mukherjee, Thrity Umrigar, Bapsi Sidhwa)	Female	GEN	20/07/2015
2.	Jitendra Kr. Yadav	Diasporic Fiction	Redefining Identity In The Works Of Rohinton Mistry	Male	OBC	20/07/2015
3.	Kripa Shankar Verma	Shakespeare	Father- Daughter Relationship In The Plays Of Shakespeare With Special Reference To King Lear, The Tempest, Cymbeline & The Winter's Tale	Male	OBC	20/07/2015
4.	Ghanshyam Keshav	Indian English Fiction	Socio- Cultural Concerns In The Works Of R. K. Narayan And Mulk Raj Anand	Male	OBC	20/07/2015
5.	Ankita Sati	Post Colonial Fiction	Immigrant Identity And Ethnicity In The Selected Novels Of Women Novelists of the Indian Sub-continent	Female	GEN	20/07/2015
6.	Mangalika Shashwat	British Fiction	Theme Of Isolation And Estrangement In The Major Novels Of Bronte Sisters	Female	GEN	20/07/2015
7.	Anamika Gupta	Indian Drama	A Thematic Study Of Some Plays By Vijay Tendulkar And Badal Sircar	Female	GEN	20/07/2015
8.	Anshu Dubey	Comparative Fiction	Re-Telling Of Indian Narrative Myths In The Context Of Andha Yug: The Age Of Darkness By Dharmavir Bharti, Sarpsatra By Arun Kolatkar And Yuganta: The End Of An Epoch By Irawati Karve	Female	GEN	20/07/2015
9.	Amit Kr. Singh	Post colonial Fiction	Modernity And Conservatism In The Novels Of Bapsi Sidhwa	Male	GEN	20/07/2015
10.	Guru Prasad Yadav	British Fiction	Land And Landscape In The Novels Of Thomas Hardy: An Ecocritical Approach	Male	OBC	20/07/2015
11.	Shweta Maurya	Indian Fiction	The Voice Of The Women In The Novels Of Amrita Pritam	Female	OBC	20/07/2015
12.	Charu Dwivedi	Indian Poetry in English	Registering A Change: Themes And Styles Of Select Indian English Women Poets	Female	GEN	20/07/2015
13.	Richa Biswal	Comparative Lit	A Critical Analysis Of John Donne's Poetry In The Light Of Indian Poetics	Female	GEN	20/07/2015
14.	Komal Saroj	Diasporic Fiction	Cultural Encounter And Search For Identity In The Selected Novels Of Jhumpa Lahiri And Bharti Mukherjee	Female	SC	20/07/2015
15.	Kumari Dolly	Indian Drama	Third Theatre Of Badal Sircar As Experimental Theatre	Female	SC	20/07/2015

S. No.	Name	Area/ Subfield	Research Topic	Gender	Category	Enrolment Date
16.	Shalu Yadav	Indian Drama	An Investigation Into The Treatment Of Women Characters In Some Plays By Mahesh Dattani	Female	OBC	20/07/2015
17.	Shipra Mishra	Post colonial Fiction	A Study Of Gender Exploitation And Subjugation In Some Select Works Of Mahashweta Devi And Taslima Nasrin	Female	GEN	20/07/2015
18.	Lav Kumar	Post colonial Fiction	Postcolonialism In The Select Works Of V.S. Naipaul	Male	SC	20/07/2015
19.	Richa Agarwal	Translation Studies	English Translation Of The Ramayan – A Comparative Study	Female	GEN	20/07/2015
20.	Resham Devi	Indian Fiction in English	Psycho-Analytical Study Of The Novels Of Shashi Deshpande And Shobha De	Female	OBC	20/07/2015
21.	Uzma Khanam	Indian Drama	Culture And Myth In The Plays Of Girish Karnad	Female	OBC	20/07/2015
22.	Pragya Mishra	Indian Fiction in English	The Novels Of Shobha De – A Study Of Feminism	F	GEN	20/07/2015
23.	Mustafa A.M. Zaid	Comparative Fiction	Race, Resistance And Humanism: A Comparative Study In The Selected Novels Of J.M. Coetzee And Ghassan Kanafaini	M	FOREIGN	10/03/2016

**DEPARTMENT OF HINDI**

S.No.	Name of Scholar	Area/ Subfield	Research Topic	Gender	Category	Enrollment Date
1.	Sri. Mukesh Kumar Yadav	Aalochna	Muktibodh ke aalochnatmak	Male	OBC	22/8/2015
2.	Miss Upasana	Upanyaas	Usha priyambada aur prabha khetan ke upanyaason mein stre asmita ka tulnatmak adhyayan	Female	SC	22/8/2015
3.	Sri. Anshuman Singh	Katha Sahitya	Bhishma sahanee ka katha sahitya aur samkaleena vimarsh	Male	Gen	22/8/2015
4.	Sri. Padam bhushan Singh	Katha Sahitya	21 veen shatabdee ke pratham dashak ke katha sahity mein sampradayikta ka swaroop	Male	Gen	22/8/2015
5.	Miss. Premlata Mishra	Upanyaas	Chndrakanta ka katha sahitya: samkaleen bhavbodh evam shilp vidhan	Female	Gen	22/8/2015
6.	Miss. Sarita Singh	Kavya	Nirala aur mahadevi verma ke sahity mein abhivyakt samajshashtreey adhunik chetna	Female	Gen	22/8/2015
7.	Sri. Ravi Prakash Pandey	Kahaanee	Samkaleen hindi kahanee- badalte jivan sandarbh	Male	Gen	22/8/2015
8.	Sri Sanjay Kumar	Upanyas	21 veen shatabdee ke upanyason mein grameen jivan ke chitran ka adhyayan	Male	SC	15/12/2015
9.	Miss. Geeta	Katha sahity	Mannoo bhandaree ke katha sahitya me dvand aur vidroh chetna	Female	OBC	15/12/2015



**DEPARTMENT OF PHILOSOPHY**

S.No.	Name of Scholar	Research Topic	Gender	Category	Enrollment Date
1.	Huhn Hoo Toan	Influence of Buddhist on Human Life: A Critical Approach	Male	Foreign	08/04/2015
2.	Le Trong Han	A Comparative Study of the Distinction between Prasangikta and Svatantrika in Madhyamika System	Male	Foreign	08/04/2015
3.	Phan Minh Duc	An Investigation into the Central Philosophy of the Vimalakirti Nirdeśh Sūtra	Male	Foreign	08/04/2015
4.	Atul Kumar Dwivedi	An Analysis of Knowledge and Justification in Contemporary British Philosophy	Male	Gen	20/5/2015
5.	Brijendra Mishra	Dharm Parivartan ke Samkaleen Vivadāspad Vishyon ka Darshnik Avlokan	Male	Gen	20/5/2015
6.	Divya Shukla	A Comparative Study of the Nature of Consciousness in the Philosophies of Ramanuja and Sartre	Female	Gen	20/5/2015
7.	Dharmendra Kumar	A Critical Study of Wittgenstein's Language- Game Theory	Male	OBC	20/5/2015
8.	Gyan Prakash Upadhyaya	A Critical Study of the Philosophical Contributions of Vedant for Global Place	Male	Gen	20/5/2015
9.	Neeti Singh	An Inquiry into Philosophy-in-Action with Special Reference to Administrative Philosophy	Female	Gen	20/5/2015
10.	Poonam Singh	The Concept of Transcendental and Empirical Ego- A Comparative Analysis of the View of Shankar and Kant	Female	OBC	20/5/2015
11.	Ravindra Kumar	Bhartiya Darshan mein karanata Ka Alochanatmak Adhyayan : Sankhya Darshan ke Vishesh Sandarbh mein	Male	SC	20/5/2015
12.	Nguyen Thi Kim Huong	Buddhist Education in the Saddharmapundarika Sūtra An Analytical Study	Female	Foreign	20/5/2015
13.	Wriya	Ascetic Practices in Early Theravada Buddhism : A Critical Study	Male	Foreign	20/5/2015

**DEPARTMENT OF POLITICAL SCIENCE**

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	Category	Date of Enrollment
1.	Jitendra Kumar	Election Studies	Bhartiya Rajniti mein Chunav Sudhar(1990 ke pashchat)	M	Gen.	22-08-2015
2.	Satyam Tiwari	Women Studies	Status of Women in India A Study of Khap Panchayati and there Extra: Judicial Role	F	Gen.	22-08-2015
3.	Tripurash Pathak	International Politics	Constructivism in the Context of India Pakistan Relation	M	Gen.	22-08-2015
4.	Savita Sahoo	Indian Foreign Policy	A Study of India's Foreign Policy Initiatives in the context of its energy security	F	Gen.	22-08-2015
5.	Dheerendra Kumar Singh	International Relations	Indo Japan Relation in 21 <sup>st</sup> Century	M	OBC	22-08-2015
6.	Anupam Kumar	South Asia	Obstacles in the success of SAARC	M	ST	22-08-2015
7.	Dileep Kumar	Gandhian Studies	Vartman samay mein Gandhi ki Prasangikta	M	SC	22-08-2015

## UNIVERSITY OF ALLAHABAD

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	Category	Date of Enrollment
8.	Mohd. Shafeeque	Women Empowerment	Bharat mein Alp Sankhyak mahilaon ka sashaktikaran : Uttar Pradesh ki Muslim mahilaon ke vishesh Sandarbh mein	M	OBC	22-08-2015
9.	Mohammad Azaharuddin Ansari	South Asian Political System	Pakistan mein Manav Suraksha ki samasyayen	M	Gen.	22-08-2015
10.	Vivek Kumar Prajapati	Women Empowerment	Mahila sashaktikaran ke vishesh sandarbh mein Panchayati Raj mein Mahilaon ki Bhoomika Jaunpur ke vishesh sandarbh mein	M	OBC	31-08-2015
11.	Dr. Himanshu Yadav	South Asian Studies	Bharat ki Antrik Suraksha: Bangladesh ki seema se utpann Chunautiyan evam samadhan : Ek vishleshanatmak Adhyan (1989 se ab tak)	M	Gen	10-11-2015

### DEPARTMENT OF PSYCHOLOGY

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	Category	Date of Enrollment
1.	Shivani Mishra	Social Psychology	Factors affecting de-escalation of inter-group conflict	F		20.07.2015
2.	Vandana Sharma	Disability Studies (Social Psychology)	Physical disability policies in India : Evaluating the psychological indicators of inclusion	F	OBC	20.07.2015

### DEPARTMENT OF SOCIOLOGY

S.No.	Name	Gender	Category	Enrollment Date	Research topic
1.	Anuradha Sharma	Female	OBC	27.07. 2015	Social Inequality, Health delivery Agencies, Panchayat: Women and child Health
2	Sabeeha Khan	Female	Gen.	27.03. 2015	Rural social structure and exclusion of lower caste in India: A sociological study of social mobility among the SC of rural eastern U.P.
3.	Sadhana Pandey	Female	Gen.	27.07. 2015	Sick Child and their parents: Internal Intra role conflicts and consequences and family.

### DEPARTMENT OF URDU

S. No.	Name of Scholar	Gender	Category	Enrollment Date	Research Topic
1.	Rukhsar Parveen	Female	OBC	08/04/2015	Sir Syed Ke Afkar-o- Nazariyat Ka Tanquidi Wa Tajziyati Mutaleya.
2.	NidaMoid	Female	Gen	08/04/2015	Ismat Chughtai Ke Afsano Mein Samaji Aur Niswani Rujhanat
3.	M.A Kainat	Female	OBC	08/04/2015	Urdu Ki Nomainda Khawateen Afsana Nigaron Ka Tanquidi Mutaleya.
4.	Sufia	Female	OBC	08/04/2015	BeesweenSadi Mein Urdu Ki Manzoom Dramanigari Ek Tanquidi Wa Tajziyati Mutaleya
5.	Mohd. Danish	Male	OBC	08/04/2015	Allama Iqbal Ki Urdu Shayri Mein Fitrat Ki Akkau

### DEPARTMENT OF VISUAL ARTS

S. No.	Name	Gender	Category	Area/ subfield	Enrollment Date	Research Topic
1.	Dileep Kumar Patel	Male	OBC	Visual Arts	5-10-2015	Uttar Pradesh ki Adhunik Chittrakala ka Vaicharik Avam Kalagat Adhayan:Lok Kala ke Sandarbh mein

## FACULTY OF COMMERCE

### DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	JRF / NET / CRET	Category	Date of Enrollment
1.	Rahul Singh	Entrepreneurs hip	“Impact of Rural Entrepreneurship on Developments in Uttar Pradesh”	Male	NET	General	21/05/2015
2.	Sameer Yadav	Finance	Trading Volume and Stock Return Dynamics : An Empirical Investigation Based on CNX100, NASDAQ100 & TOPIX 100”	Male	CRET	OBC	21/05/2015
3.	Mareshah Dutt	Finance	Risk Management Characteristics of Indian Banking Industry: An Appraisal of Basel Accords”	Female	CRET	General	21/05/2015
4.	Gagan Arora	HRM	Gender Discrimination in Employment and Workplace- A Comparative Study of Public and Private Sector	Male	NET	General	21/05/2015
5.	Shailja Pal	Marketing	CRM Practices in Banking Sector- A Comparative Study of Private and Public Sector Banks	Female	NET	OBC	21/05/2015
6.	Vibhu Prakash Singh	Marketing	Diffusion of Mall Culture in Uttar Pradesh- Societal Acceptance, Problems, and Prospects	Male	CRET	General	21/05/2015
7.	Manisha Agarwal	Management	Leadership Effectiveness and Commitment Among Teachers in Higher Education with special Reference to Technical & Management Institutes	Female			21/05/2015
8.	Shruti Chandra	Marketing	Marketing Strategies for Life Insurance Products In India with Special reference to Public and Private Sector Companies	Female	CRET	General	21/05/2015
9.	Pankaj Kumar Tiwari	Marketing	A Comparative study of Sales Promotion Practices of select Small Car Manufacturers in India	Male	CRET	General	21/05/2015

## UNIVERSITY OF ALLAHABAD

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	JRF / NET / CRET	Category	Date of Enrollment
10.	Surabhi Srivastava	Finance	A Comparative Study of Equity Linked Saving Scheme (ELSS) Vis-à-vis Other Investment Options Eligible for Deductions Under Income Tax Act 1961	Female	CRET	General	21/05/2015
11.	Himanshu Kumar Pandey	Marketing	A Comparative study of Socio-Economic Impact of Advertising through Television and Social Networking Sites	Male	JRF	General	21/05/2015
12.	Divisha Agarwal	Marketing	Exploring the Potential of Tourism in India with special Reference to Rajasthan	Female	JRF	General	21/05/2015
13.	Balwant Kumar Bari	Finance	Performance of Regional Rural Banks in Uttar Pradesh- A Critical Study	Male	NET	OBC	21/05/2015
14.	Mohd. Nasir	Marketing	Impact of After Sales Services: A Comparative Study of Select Two Wheeler Companies	Male	NET	OBC	21/05/2015
15.	Saheel Roy	Marketing	Role of Social Media in Marketing : A Comparative Study of Select Indian Companies	Male	CRET	General	21/05/2015
16.	Veenita Singh	Finance	Role of Self Help Groups in Women Empowerment in U.P.	Female	CRET	General	21/05/2015
17.	Mukesh Kumar	HRM	Employer Branding Through Social Media: A Study of Select Companies	Male	NET	OBC	21/05/2015
18.	Shweta Singh	HRM	Bal Sharm Utthan Mein Gair Sarkari Sangathano Ka Yogdan: Ek Adhyayan	Female	CRET	General	21/05/2015
19.	Siddharth Pandey	Marketing	Asangathit Kshetron Mein Karyat Sharmikon Kee Samajik Evam AArthik Eshtiti Ka Vishleshnatmak Adhyayan: Uttar Pradesh Ke Chaynitzilon Ke Vishesh Sandarbh Mein	Male	CRET	General	21/05/2015
20.	Sanjay Kumar Singh	Finance	Financial Inclusion in Uttar Pradesh (with special reference to Pradhan Mantri Jan Dhan Yojana-2014)	Male	CRET	General	21/05/2015

### DEPARTMENT OF ECONOMICS

Sl. No.	Name of Research Scholar	Gender	Category	Research Topic	Date of Enrollment
1.	Anand Tripathi	Male	General	“Agricultural Finance For Rural Development In Uttar Pradesh : A Case Study Of Allahabad”	21.05.2015
2.	Archana Mishra	Female	General	“A Study Of Demographic Profile And Its Relation To Demographic Dividend In U.P. With Special Reference To Allahabad District”	21.05.2015

## UNIVERSITY OF ALLAHABAD

Sl. No.	Name of Research Scholar	Gender	Category	Research Topic	Date of Enrollment
3.	Bikash Kumar Prasad	Male	OBC	“A Study Of Financial Relations And Trade Among Brics Countries, With Special Reference To India And Brazil”	21.05.2015
4.	Bansh Gopal Yadav	Male	OBC	“Impact Of Public Investment On Agricultural Productivity With Special Reference To Western And Eastern Uttar Pradesh”	21.05.2015
5.	Dinesh Yadav	Male	OBC	“Opportunities, Challenges And Prospects Of India’s Trade Relations With Asean Since 1991”	21.05.2015
6.	Kamal Dudave	Male	ST	“Impact Of Indira Awas Yojana On Scheduled Tribes : A Case Study Of Barwani District Of Madhya-Pradesh”	21.05.2015
7	Mukesh Kumar	Male	SC	“Arthik Vikas Evam Swarojgar Mein Swayam Sahayata Samooch Kee Bhoomika- Allahabad Mandl Ke Vishesh Sandarbh Mein”	21.05.2015
8.	Ram Kishor	Male	OBC	“Multi-Dimensional Approach Of Poverty Alleviation In Rural India A Case Study Of Banda District”	21.05.2015
9.	Rashmi Dwivedi	Female	General	“Socio-Economic Impact Of Financial Inclusion Of Women: A Case Study Of Panna District Of M.P.”	21.05.2015
10.	Surendra Singh	Male	General	“Foreign Direct Investment And Economic Development In India Since-1991”	21.05.2015
11.	Yogendra Verma	Male	SC	“A Study Of Carbon Footprint In Dairy Sector Of Allahabad District”	21.05.2015
12.	Mahendra Singh	Male	OBC	“Development Of Tourism Industry In Uttar Pradesh With Special Reference To Allahabad As Smart City”	21.05.2015

### FACULTY OF LAW

#### DEPARTMENT OF LAW

S.N.	Name	Gender	Cat.
1.	Pallavi Gupta	F	Gen
2.	Avneesh Tripathi	M	Gen
3.	Nisha Yadav	F	OBC
4.	Ritu Raghuvanshi	F	Gen
5.	Sujeet Kumar	M	OBC
6.	Subham Chaurasia	M	OBC
7	Neel Mani Tripathi	M	Gen
8.	Akhilesh Nath Tripathi	M	Gen
9.	Divya Shukla	F	Gen
10.	Pawan Kumar	M	OBC
11.	Ashok Kumar	M	OBC
12.	Akhilesh Yadav S/o Sri Tapeswar Yadav	M	OBC
13.	Ajay Kumar Kushwaha	M	OBC
14.	Rajnishvar Datt Kishor	M	OBC
15.	Sushil Kumar	M	SC
16.	Om Prakash Kannaujia	M	SC
17.	Abhai Raj	M	SC
18.	Suneel Kumar	M	ST

**FACULTY OF SCIENCE**

**DEPARTMENT OF DEFENCE AND STRATEGIC STUDIES**

S.No.	Name	Area/ Subfield	Research Topic	Gender	Category	Enrollment Date
1.	Belal S.H. Ghannal	D.Phil.	Palestine : Economic Development As a factor in the Palestinian national Security	M	GEN	17-01-2015
2.	Kuldeep Verma	D.Phil.	Narco Terrorism : with special reference to Afghanistan	M	GEN	28-02-2015
3.	Digvijay Singh	D.Phil.	भारत का अंतरिक्ष कार्यक्रम : आलोचनात्मक विश्लेषण	M	GEN	28-02-2015
4.	Jaspal Singh	D.Phil.	Disaster Management in India : Preparedness, Quick Response and Prevention	M	GEN	28-02-2015
5.	Mohinder Pal Singh	D.Phil.	Myanmar – China Strategic Ties And Its Impact on India- Myanmar Relations	M	GEN	28-02-2015
6.	Vipul Singh	D.Phil.	Relevance of Gandhian Philosophy in Conflict Management	M	GEN	28-02-2015
7.	Rajendra Satyasheel Malave	D.Phil.	Economic Revival : A Way to Assured India's National Security	M	GEN	28-02-2015
8.	Shivpoojan Mourya	D.Phil.	“भारत-जापान रणनीतिक सम्बन्ध 1991 के बाद”	M	OBC	28-02-2015
9.	Lt. S. Saha	D.Phil.	Irregular Wars : Key Determinant of future International Relations	M	GEN	28-02-2015
10.	Jyotsana Mishra	D.Phil.	Maritime Threats And Challenges : Strategic Options For India	F	GEN	10-03-2016
11.	P.C. Thimmaya	D.Phil.	Politico-Strategic Dynamics of India – Bangladesh Relations In the Post Cold War	M	GEN	10-03-2016
12.	Pradeep Kumar	D.Phil.	Religious extremism in Pakistan : its impact on India's Security	M	SC	10-03-2016
13.	Sonam Singh	D.Phil.	Pakistan As a Factor In Indo-Afghan Relations	F	GEN	10-03-2016
14.	Sunil Bhanudas Bodhe	D.Phil.	Dynamics of Insurgency Movements in the North East-Nagaland, A Case Study	M	GEN	10-03-2016
15.	Sushil Kumar Singh	D.Phil.	Challenges of India's maritime Security With Special Reference to China	M	GEN	10-03-2016
16.	Uday Pratap Singh	D.Phil.	Indo-European Union Relations : A Case Study of Britain	M	GEN	10-03-2016

**DEPARTMENT OF EARTH & PLANETARY SCIENCES**

S.No.	Name	Gender	Category	Area/ subfield	Enrollment Date	Research Topic
1.	Ms. Mariya Hasnat	Female	OBC	Remote Sensing	09-04-2015	Fuzzy Based Gis Modeling for Identification of Groundwater Potential Zones Using Remote Sensing

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**  
**J.K. Institute of Applied Physics & Technology, University of Allahabad**

Sl. No.	Name of the Scholar	Topic	Gender	Date of Enrollment
1.	Shubham Shukla	Investigation & Optimazation of Optical Fiber Communication System	Male	21/07/2015
2.	Himanshu Dixit	A Study on Reversible Logic Circuits	Male	21/07/2015
3.	Navedu Nitin	Design and Development of Long Term Evolution Based Networks for 4g Technology	Female	21/07/2015
4.	Alok Singh	Investigation of Routing and Mobility Related Issues In Wireless Ad Hoc Networks	Male	21/07/2015

Sl. No.	Name of the Scholar	Topic	Gender	Date of Enrollment
5.	Anima Srivastava	Document Similarity Detection	Female	21/07/2015
6.	Ashish Kumar	Modeling,Simulation and Analysis of Wireless Sensor Network and Ad-Hoc Network	Male	21/07/2015
7.	Azeem Sawar	Design, Analysis and Simulation of Multi-Layer Microstrip Antennas	Male	21/07/2015
8.	Gaurish Kumar Tripathi	Harmonic Reduction and Design of Power Converter for Airborne Electronics Systems	Male	21/07/2015
9.	Himanshu Charasiya	A Study on Performance Enhancement of Speech Intelligibility and Quality	Male	21/07/2015
10.	Komal Jaiswal	Some Studies on Microstrip Patch Antenna Using Different Techniques	Female	21/07/2015
11.	Mohammad Arshad	Design and Analysis of Slotted & Layered Microstrip Antennas	Male	21/07/2015
12.	Sonal Job	Multimedia Stenography Techniques	Female	21/07/2015
13.	Venktesh Mishra	Application of Power Electronics Converters In Renewable Energy Conversion System	Male	21/07/2015
14.	Vijit Srivastava	Power Quality Assessment, A Wavelet Approach	Male	21/07/2015
15.	Neelesh Agarwal	Design and Analysis of Multi-Band Microstrip Patch Antennas	Male	21/07/2015
16.	Mukesh Kumar	Bandwidth Enchanment of Microstrip Patch Antennas	Male	21/07/2015
17.	Rohini Saxena	Some Investigation on Microstrip Antennas Using Artificial Neural Network for Wide Band Application	Female	21/07/2015
18.	Prashant Srivastava	Content-Based Image Retrieval Using Multiresolution Techniques	Male	21/07/2015

**DEPARTMENT OF HOME SCIENCE**

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	Category	Date of Enrollment
1.	Shivani shrivastava	Textile and apparel designing	Strategies of fabric impregnation and property enhancement with natural aroma	Female	GEN	21/05/2015
2.	Hina kausher	Textile and apparel designing	Clothing size for Indians in clustered classification	Female	GEN	21/05/2015

**DEPARTMENT OF PHYSICS**

S.No.	Name	Area/ subfield	Topic	Gender	Category	Date of Enrollment
1.	Suraj Kumar Rai	Particle Physics	Investigation Of Quark Gluon Plasma In Effective Theory Of Frame Work	M	GEN	28.02.15
2.	Pooja Dwivedi	Nanomaterials	Synthesis of Nano Particle and Its Application In Solar Cells	F	GEN	28.02.15
3.	Vini Singh		Charecterization Of Mn <sup>2+</sup> Doped Metal Oxide And Sulfide	F	GEN	28.02.15
4.	Gaurav Singh	Nano Materials	Non Destructive Investigations Of The Materials For Advanced Technology	M	GEN	28.02.15
5.	Shakti Pratap Singh	Ultrasonics	Study Of Ultrasonic And Thermal Conductivity Of Material For Industrial Application	M	GEN	10.03.16



S.No.	Name	Area/ subfield	Topic	Gender	Category	Date of Enrollment
6.	Ravi Kamal Pandey	Teleportation	Use Of Concept Of Quantum Optics In Quantum Information Theory	M	GEN	10.03.16
7.	Mulyam Singh Patel	Solar Cells	Photo Physics And Design Consideration Of Organo Metal Halide Ferrovkite Solar Cell	M	OBC	10.03.16
8.	Shamilya Javed	Teleportation	Qunatum Entanglement	F	OBC	10.03.16
9.	Zainab Gazli	LIBS	Study Of Material Of Biological Interest Using Different Spectroscopic Techniques	F	GEN	10.03.16

**DEPARTMENT OF STATISTICS**

S. No.	Name	Area/subfield	Research Topic	Gender	Category	Enrollment Date
1.	Shivam Jaiswal	Bayesian Statistics, Time Series Modeling	Bayesian Unit Root Tests for Linear, Non-linear and Panel Data Time Series Models	M	OBC	09/04/2015
2.	Nishant Mishra	Bayesian Statistics, Time Series Modeling	Bayesian Time Series Modeling with Application to Meteorology	M	GEN	21/07/2015

**DEPARTMENT OF ZOOLOGY**

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	Category	Date of Enrollment
1.	Kirti Ojha	Neurobiology	Seasonal fluctuation in neuronal classes of APH-region of cerebral cortex of Indian roller, Coracias benghalensis (Linnaeus 1758)	F	GEN	09/04/2015
2.	Deepmala Sahu	Entomology	Effect of plant oils on the biology of insects	F	OBC	21/05/2015
3.	Deepika	Neurobiology	Neurotoxic effect of some anticancer drugs.	F	GEN	09/04/2015
4.	Kunwar Vishwanath Pratap Singh	Fish & Fisheries	Stock assessment and biology & two exotic fishes Cyprinus carpio and O. niloticus in the middle stretch of the river Ganga	M	GEN	21/05/2015

**Institute of Interdisciplinary Studies**
**CENTRE OF BIOTECHNOLOGY**

S. No.	Name	Area/subfield	Research topic	Gender	Category	Enrollment date
1.	Krishna K. Gupta	Mushroom Biotechnology	Antioxidant attributes of edible oyster mushroom	Male	GEN	08/04/2015
2.	Shweta Maurya	Mushroom Biotechnology	Synthesis of Nanomaterial and its effect on laccase production and growth of Pleurotus species.	Female	OBC	08/04/2015
3.	Snehlata	Plant Biotechnology	Study of effect of biological compounds for hepatoprotective and anti-inflammatory activities	Female	SC	08/04/2015

**CENTRE OF MATERIAL SCIENCES**

S. No.	Name	Area/subfield	Research Topic	Gender	Category	Enrollment Date
1.	Neelam Yadav	Soft Materials	Synergistic amalgamation of nanomaterials with liquid crystals for technological applications	F	OBC	08-04- 2015
2.	Pratibha Tripathi	Soft Materials	Nanocomposites with liquid crystalline materials for various applications	F	Gen	08-04-2015
3.	Aditya Kumar	Materials Science	Dielectric and structural properties of high-k perovskite oxide materials	M	OBC	08-04-2015
4.	Upendra Bahadur Singh	Soft Materials	Electrical and electro-optical parameters of liquid crystal-nanocomposites	M	Gen	10-03-2016
5.	Praveen Kumar Singh	Soft Materials	Characteristic parameter of nanomaterials dispersed in the media of anisotropic materials	M	Gen	10-03-2016
6.	Anshu Kumar Singh	Materials Science	Investigations on synthesis and characterization of Metal and Carbon Based Nonomaterials	M	Gen	10-03-2016
7.	Bushra Khan	Materials Science	Synthesis and characterization of multiferoic composite bulk and Nanomaterials	F	Gen	10-03-2016
8.	Achal Singh Keshari	Smart polymers	Contributions to the polymer based carbon nanostructures composite and their decoration via metal/meta oxide nanoparticles for their wide application	M	SC	10-03-2016

**K. BANERJEE CENTRE OF ATMOSPHERIC AND OCEAN STUDIES**

S. No.	Name	Research Topic	Gender	Category	Enrollment Date
1.	Alok Kumar Mishra	Atmosphere ocean coupled regional modeling over Indian Subcontinent	Male	GEN	21.05.2015
2.	Anurag Tiwari	Application of Chaos in meteorology	Male	GEN	21.05.2015
3.	Himanshu Gandhi	Role of equatorial dynamics to the circulation of north Indian ocean	Male	GEN	21.05.2015
4.	Lokesh Kumar Pandey	Modelling the circulation and variability of the Indian Ocean	Male	GEN	21.05.2015

S. No.	Name	Research Topic	Gender	Category	Enrollment Date
5.	MD Saquib Saharwardi	Regional Impact of climate change on human health in India	Male	OBC	11.04.2016
6.	Mehnaj Tharranum A.	Forewarning mustered pets and pests decease	Female	OBC	11.04.2016
7.	Namendra Kumar Shahi	Prediction and predictability of south Asian monsoon variability on intraseasonal and interannual time scale from the coupled models	Male	GEN	21.05.2015
8.	Pushpa Pandey	Understanding impacts of climate change over India using Climate Model Output	Female	GEN	11.04.2016
9.	Uday Pratap Singh	A nonlinear dynamical perspective on predictability of atmosphere and ocean	Male	GEN	21.05.2015
10.	Vikram Gaurav Singh	Assessing the effects of land cover & climate change on the hydrological processes in Betwa River Basin of central India.	Male	GEN	11.04.2015

**CENTRE OF BEHAVIORAL AND COGNITIVE SCIENCES**

Sl. No.	Name of the Scholar	Area/ Subfield	Topic	Gender	JRF / NET / CRET	Category	Date of Enrollment
1	Sarvana Priyan	Computational modeling	An Integrated model of Attention and Consciousness	Male		OBC	15/12/2015

**Institute of Professional Studies**

**CENTRE OF FOOD TECHNOLOGY**

S.No.	Name	Area / Subfield	Research Topic	Gender	Category	Enrollment Date
1.	Nidhi Tiwari	Nutrition Science	Enhancing the Functionality and Bioactivity of Wheat Bran through Bioprocessing	Female	General	08.04.2015
2.	Renu Tripathi	Nutrition Science	Wheatgrass (triticum aestivum) as a possible antioxidant supplementation: studies on experimental oxidative stress rat model.	Female	General	08.04.2015
3.	Anil Pandey	Food Technology	Isolation and characterization of probiotic strain and its microencapsulation for food applications.	Male	General	08.04.2015
4.	Ritika Malviya	Nutrition Science	Functional and nutritional studies of sesame seed cake and its potential health effect.	Female	General	08.04.2015

DOCTORAL DEGREES AWARDED IN 2015-16

Sl. No.	Name Of Candidate	Department	Name Of Supervisor	R.D.C. Date
1.	Mohammad Naeem Siddiqui	Arabic/Persian	Prof. A.Q. Jafari	20.05.2015
2.	Mohd. Ziauddin	Arabic/Persian	Dr. S.H. Akhtar	20.05.2015
3.	Shraddha Tripathi	Ancient History	Dr. Suniti Pandey	08.04.2015
4.	Suneel Kumar Patel	Ancient History	Prof. U.C. Srivastava	08.04.2015
5.	Khushboo Agrawal	English	Prof. Sanjoy Saksena	08.04.2015
6.	Pankaj Dwivedi	English	Sri O.P. Malaviya	08.04.2015
7.	Umesh Chandra	English	Prof. P.C. Singh	20.05.2015
8.	Satish Kumar Prajapati	English	Prof. Sonjoy Dutta	20.05.2015
9.	Gyan Singh	Hindi	Dr. Nirmala Agarwal	08.04.2015
10.	Dhananjay Kumar Singh	Hindi	Sri Surya Narayan Singh	20.05.2015
11.	Sadhana Shukla	Hindi	Prof. Mushtakali	20.05.2015
12.	Shatrughan Singh	Hindi	Prof. Meena Dixit	20.05.2015
13.	Sachin Kumar	History	Dr. Alok Prasad	08.04.2015
14.	Umesh Kumar Singh	History	Prof. Lai It Joshi	08.04.2015
15.	Anand Pratap Chand	History	Dr. Alok Prasad	20.05.2015
16.	Bhavesh Dwivedi	History	Prof. N.R. Farooqui	20.05.2015
17.	Kastruri Bharadwaj	Political Science	Prof. Krishna Gupta	08.04.2015
18.	Sarika Singh	Political Science	Prof. H.K. Sharma	08.04.2015
19.	Divya Tripathi	Political Science	Dr. V.K. Rai	20.05.2015
20.	Digvijay Nath Rai	Political Science	Prof. H.K. Sharma	20.05.2015
21.	Shefalica Singh	Political Science	Prof. Krishna Gupta	20.05.2015
22.	Phra Suchin Ngernyong	Philosophy	Dr. Asha Lai	20.05.2015
23.	Ramesh Kumar	Philosophy	Prof. H.S. Upadhyaya	20.05.2015
24.	Tran Ba Dung	Philosophy	Dr. Gopal Sahu	20.05.2015
25.	Sarvesh Mani Tripathi	Philosophy	Prof. G. Chattopadhyay	20.05.2015
26.	Farheen Swaleha	Urdu	Prof. A.A. Fatmi	20.05.2015
27.	Gyanvendra Singh	Urdu	Prof. A.A. Fatmi	20.05.2015
28.	Yasmeen Fatima	Urdu	Dr. Ashfaq Husain	20.05.2015
29.	Waseem Fatima	Anthropology	Dr. Vijoy S. Sahay	20.07.2015
30.	Truong Minh Ky	Ancient History	Prof. O.P. Srivastava	22.08.2015
31.	Brahm Prakash Tripathi	Ancient History	Prof. O.P. Srivastava	15.12.2015
32.	Le Van Thai	Ancient History	(Dr. Anamika Roy)	15.12.2015
33.	Seelam Bharti	Education	Prof. Dharmraj Singh	20.07.2015
34.	Prem Lata Gautam	Education	Prof. Vidya Agarwal	20.07.2015
35.	Stuti Srivastava	Education	(Prof. K.S. Mishra)	15.12.2015
36.	Ravi Prakash Dubey	English	Prof. S.D. Roy	20.07.2015
37.	Preeti Bhattacharya	English	Prof. S.K. Sharma	20.07.2015
38.	Rashed Ahmad A. Allah Daghamin	English	Prof. S. Saksena	20.07.2015
39.	Santosh Kumar Mishra	English	Dr. S.D. Roy	22.08.2015
40.	Priyanka Srivastava	English	Prof. Sanjoy Saksena	20.07.2015
41.	Madhvi Lata	English	Dr. Irena S.B Das	05.10.2015
42.	Vandita G. Liddle	English	Prof. Susmita Roy	05.10.2015
43.	Asma Siddiqui	English	Prof. Sarvajit Mukerji	15.12.2015
44.	Sonika Sharma	English	Prof. Amar Singh	15.12.2015
45.	Janardan	Geography	Prof. Kumkum Roy	
46.	Deepika Jaiswal	Hindi	Prof. Shail Pandey	22.08.2015
47.	Akhilesh Kumar Yadav	Med./ Mod. History	Prof. Sushil Srivastava	20.07.2015
48.	Amar Nath	Med./Mod. History	Dr. Sanjay Srivastava	20.07.2015

## UNIVERSITY OF ALLAHABAD

Sl. No.	Name Of Candidate	Department	Name Of Supervisor	R.D.C. Date
49.	Narendra Kumar Singh	Med./Mod. History	Prof. Herambh Chaturvedi	20.07.2015
50.	Suresh Kumar Pandey	Med./Mod. History	Prof. Lalit Joshi	15.12.2015
51.	Swati Singh	Music	Prof. S.N.Nahar	22.08.2015
52.	Shweta Rai	Music	Prof. S.K. Nahar	05.10.2015
53.	Neelima Srivastava	Music	Dr. P.K. Mallick	15.12.2015
54.	Hemant Kumar Singh	Political Science	Dr. Rajpal Budania	20.07.2015
55.	Uday Bhan	Political Science	Prof. H.K. Sharma	22.08.2015
56.	Kumar Saurabh Singh	Political Science	Prof. Mohd. Aslam	05.10.2015
57.	Vivek Kumar Rai	Political Science	Prof. Anuradha Agarwal	05.10.2015
58.	Santosh Kumar Mishra	Political Science	Prof. H.K. Sharma	15.12.2015
59.	Vishwa Deepak Tripathi	Political Science	Prof. Mohd. Aslam	15.12.2015
60.	Abhishek Upadhyay	Philosophy	Prof. D.N. Dwivedi	15.12.2015
61.	Shalini Choudhary	Psychology	Prof. Komilla Thapa	20.07.2015
62.	Manoj Kumar Pandey	Psychology	Prof. Rashmi Kumar	20.07.2015
63.	Akanksha Singh	Sanskrit	Prof. K.K. Srivastava	20.07.2015
64.	Beenu Singh	Sanskrit	Prof. H.D. Sharma	22.08.2015
65.	Santosh Kumar Pandey	Sanskrit	Prof. Ram Kishor Shastri	22.08.2015
66.	Ushma Yadav	Sanskrit	Dr. Suchitra Mitra	20.07.2015
67.	Amit Kumar Tiwari	Sanskrit	Prof. S.D. Dwivedi	05.10.2015
68.	Jayanti Singh	Sanskrit	Prof. Uma Kant Yadav	05.10.2015
69.	Nurina Parveen	Urdu	Prof. S.M. Aquil Rizvi	22.08.2015
70.	Amita Maxwell	Commerce	Dr. Arun Kumar	09.04.2015
71.	Neetu Rai	Commerce	Dr. A.K. Malviya	21.05.2015
72.	Anju Singh	Commerce	Dr. A.K. Singhal	20.07.2015
73.	Mohammed Shafea Mostafa Mali	Commerce	Dr. R.K. Singh	04.08.2015 SPE. R.D.C.
74.	Pradeep Kumar Dwivedi	Economics	Prof. A.K. Jain	16.12.2015
75.	Neelam Singh	Law	Prof. H.H. Singh	20.07.2015
76.	Amitesh Anand	Law	Prof. Siddh Nath	06.10.2015
77.	Padmamalika Hazra	Biochemistry (Medical)	Dr. Geeta Jaiswal	21.05.2015
78.	Pallavi Rai	Botany	Dr. H.K. Kehri	09.04.2015
79.	Sana Naseem	Botany	Prof. G. Kumar	28.02.2015
80.	Shalini Srivastava	Botany	Prof. D.N. Shukla	21.05.2015
81.	Pramod Kumar Singh	Botany	Prof. D.N. Shukla	21.05.2015
82.	Bhumika Singh	Botany	Prof. D.N. Shukla	21.05.2015
83.	Arti Yadav	Botany	Prof. D.N. Shukla	21.05.2015
84.	Avinash Pratap Singh	Botany	Dr. H.K. Kehri	21.05.2015
85.	Anamika Mubayi	Chemistry	Dr. Geeta Watal	09.04.2015
86.	Dharmendra Kr. Sahu	Chemistry	Prof. Shekhar Srivastava	21.05.2015
87.	Vishv Kumar Maurya	Chemistry	Dr. Dinesh Mani	21.05.2015
88.	Vandani Rawat	Chemistry	Dr. M.C. Chattopadhyay	21.05.2015
89.	Arvind Kumar Kushwaha	Def. Studies	Dr. R.K. Tandon	09.04.2015
90.	Devendra Kr. Tripathi	Elec. & Comm.	Prof. H.K. Dixit	21.05.2015
91.	Manish Khare	Elec. & Comm.	Dr. Rajneesh Srivastava	21.05.2015
92.	Siddharth Singh	Elec. & Comm.	Dr. T.J.Siddiqui	21.05.2015
93.	Rohit Kumar	Physics	Prof. A.K. Rai	09.04.2015
94.	Ratnesh Kumar Pandey	Physics	Prof. A.C. Pandey	21.05.2015
95.	Bishnu Kumar Pandey	Physics	Prof. Ram Gopal	10.07.2015 Special RDC
96.	Kajal Kumar Dv	Physics	Prof. Raja Ram Yadav	10.07.2015 Special RDC
97.	Nidhi Tripathi	Zoology	Dr. K.P. Singh	09.04.2015
98.	Parul Gaur	Zoology	Prof. U.C. Srivastava	09.04.2015

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Sl. No.	Name Of Candidate	Department	Name Of Supervisor	R.D.C. Date
99.	Sarojni Rai	Biochemistry	Prof. P.C. Mittal	06.10.2015
100.	Amit Kumar Sharma	Biochemistry	Prof. Abhay Kumar Pandey	16.12.2015
101.	Deepti Singh	Botany	Prof. Bihari Lai	16.12.2015
102.	Anuradha Singh	Chemistry	Dr. R.K. Singh	16.12.2015
103.	Devendra Singh	Chemistry	Prof. Shekhar Srivastava	21.07.2015
104.	Divya Singh	Chemistry	Prof. Jagdamba Singh	06.10.2015
105.	Neelam Kumari	Chemistry	Dr. R.K. Dubey	06.10.2015
106.	Ruchi Chawla	Chemistry	Prof. L.D.S. Yadav	06.10.2015
107.	Sarita Singh	Chemistry	Prof. K.P. Tiwari	21.07.2015
108.	Vijjay Shankar Pandey	Chemistry	Prof. Kunj Behari	16.12.2015
109.	Chandresh Pandey	Def. Studies	Prof. S.P. Pandey	21.07.2015
110.	Rajeev Kumar Bhutani	Def. Studies	Prof. M.N. Varma	21.07.2015
111.	Vivek Kumar Singh	Def. Studies	Dr. R.K. Tandon	21.07.2015
112.	Vivek Pandey	Def. Studies	Prof. R.K. Upadhyaya	21.07.2015
113.	Abhay Kumar Rai	Elec. & Commu.	Prof. R.R. Tiwari	21.07.2015
114.	Amar Pandey	Elec. & Commu	Prof. S.D. Dixit	21.07.2015
115.	Ashish Singh	Elec. & Commu	Prof. J.A. Ansari	21.07.2015
116.	Robin Dixit	Elec. & Commu	Prof. C.K. Dwivedi	21.07.2015
117.	Mohammad Aneesh	Elec. & Commu	Dr. J.A. Ansari	21.07.2015
118.	Swati Nigam	Elec. & Commu	Dr. S.S. Shukla	16.12.2015
119.	Satyendr Singh	Elec. & Commu	Dr. T.J. Siddiqui	16.12.2015
120.	Ambalika Niyogi	Earth & Plan. Science	Dr. Jayanta Kumar Pati	06.10.2015
121.	Pramod Kumar Pandey	Earth & Plan. Science	Dr. S.S. Das	06.10.2015
122.	Anurag Shukla	Mathematics	Dr. Mona Khare	06.10.2015
123.	Akhilesh Yadav	Mathematics	Dr. S.S. Shukla	16.12.2015
124.	Dania	Mathematics	Prof. K.K. Azad	06.10.2015
125.	Saurabh Chandra Maury	Mathematics	Prof. K.K. Azad	06.10.2015
126.	Priya Mishra	Physics	Prof. A.C. Pandey	21.07.2015
127.	Ajay Kumar Yadav	Physics	Prof. Ranjana Prakash	06.10.2015
128.	Bishnu Kumar Pandey	Physics	Prof. Ram Gopal	10.07.2015 Special R.D.C.
129.	Kajal Kumar Day	Physics	Prof. Raja Ram Yadav	10.07.2015 Special RDC
130.	Ram Pratap Yadav	Physics	Prof. A.K. Mittal	21.07.2015
131.	Abhishek Mishra	Zoology	Dr. S.V. Singh	06.10.2015
132.	Akanksha Singyh	Zoology	Prof. R.R. Tewari	16.12.2015
133.	Alka Singh	Centre of Food Tech.	Dr. Neelam Yadav	08.04.2015
134.	Nidhi Jaiswal	Centre For Food Tech.	Prof. S.I. Rizvi	21.05.2015
135.	Shruti Sharma	Centre of Food Technology	Dr. Neelam Yadav	21.05.2015
136.	Tanya Das	C.B.C.S.	Dr. Bhoomika R. Kar	21.05.2015
137.	Devpriya Kumar	C.B.C.S.	Prof. Narayanan Srinivasan	20.07.2015
138.	Debarati Bandyopadhyay	C.B.C.S.	Dr. V.S. Chandrasekhar Pammi	15.12.2015
139.	Sudhir Kumar Singh	K.B.C.O.A.S.	Prof. A.C. Pandey	21.07.2015
140.	Mudita Verma	Centre For Food Tech.	Dr. Avaneesh Mishra	06.10.2015
141.	Avneesh Mishra	Centre Of Material Science	Dr. Ravindra Dhar	06.10.2015
142.	Bramhadev Yadav	Ancient History	Dr. O.K. Shukla	13.01.2016
143.	Richa Mishra	English	Prof. Irena S.B. Das	13.01.2016
144.	Rahul Singh	Geography	Prof. Kumkum Roy	13.01.2016
145.	Priya Singh	History	Dr. Kalpana Dwivedi	13.01.2016
146.	Smita Pandey	Music	Dr. P.K. Mallick	13.01.2016



## UNIVERSITY OF ALLAHABAD

Sl. No.	Name Of Candidate	Department	Name Of Supervisor	R.D.C. Date
147.	Kiran Varun	Philosophy	Dr. D.N. Dwivedi	13.01.2016
148.	Pragya Singh	Philosophy	Dr. D.N. Dwivedi	13.01.2016
149.	Pramod Kumar Mishra	Sanskrit	Prof. Ram Kishore Shastri	13.01.2016
150.	Sandhya Mishra	Sanskrit	Prof. R.K. Shukla	13.01.2016
151.	Raj Kumar	Anthropology	Prof. Vijoy S. Sahay	09.02.2016
152.	Sharmistha Nagal	Geography	Dr. Anupam Pandey	09.02.2016
153.	Vimal Kumar Jaiswal	Geography	Prof. B.N. Singh	09.02.2016
154.	Am It Kumar Dubey	Hindi	Prof. Nisha Agrawal	09.02.2016
155.	Vaibhava Tripathi	Hindi	Dr. Pranay Krishna	09.02.2016
156.	Dipti Srivastava	Music	Dr. Renu Johri	09.02.2016
157.	Jaya Srivastava	Music	Dr. Rashmi Dixit	09.02.2016
158.	Barun Nath Tiwari	Philosophy	Prof. Jata Shankar	09.02.2016
159.	Shalendra Kumar Sahu	Sanskrit	Prof. K.J. Nasreen	09.02.2016
160.	Pawan Kumar	Sanskrit	Prof. S.C. Srivastava	09.02.2016
161.	Devendra Kumar Tiwari	Commerce	Prof. Arun Kumar	10.02.2016
162.	Ved Prakash Mishra	Economics	Prof. S.K. Chaturvedi	10.02.2016
163.	Rajesh Kumar	Botany	Prof. Anupam Dikshit	10.02.2016
164.	Niraj Kumar Patel	Chemistry	Dr. Dinesh Mani	10.02.2016
165.	Pavan Kumar Gautam	Chemistry	Dr. J.D. Pandey	10.02.2016
166.	Sanjai Kumar	Chemistry	Prof. I.C. Shukla	10.02.2016
167.	Nitin Pandey	Elec. & Commu.	Dr. R.K. Srivastava	10.02.2016
168.	Gulab Singh Maurya	Physics	Prof. A.K. Rai	10.02.2016
169.	Maneesh Kumar Dubey	Statistics	Prof. Anoop Chaturvedi	10.02.2016
170.	Rakesh Bhaskar	Zoology	Dr. Banalata Mohanthy	10.02.2016
171.	Vikas Kumar Patel	Biotechnology	Prof. Shanthi Sundaram	10.02.2016
172.	Raghvendra Singh	Bioinformatics	Prof. P.N. Pandey	10.02.2016
173.	Abhishek Singh	Law	Prof. G.G. Singh	17.02.2016 Special RDC
174.	Naresh Singh	Ancient History	Prof. Prakash Sinha	10.03.2016
175.	Amrapali Dwivedi	English	Sri O.P. Malviya	10.03.2016
176.	Neeti Agarwal	English	Ms. Shruti Pant	10.03.2016
177.	Vimala Singh	Geography	Prof. Alok Dubey	10.03.2016
178.	Gajender Ubaran Giri	Hindi	Dr. Katyayani Singh	10.03.2016
179.	Kalpna	Hindi	Dr. Meera Dixit	10.03.2016
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