



# NAAC RE-ACCREDITATION

## Update September 30, 2016



**VEER BAHADUR SINGH PURVANCHAL UNIVERSITY**  
**JAUNPUR - 222003**  
**UTTAR PRADESH**

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## **ANNEXURE**

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**Note: These annexure will be shown to the NAAC Peer Team on their visit to Veer Bahadur Singh Purvanchal University, Jaunpur (U.P.)**

## **Statement of Compliance**

(Central and State Universities)

This is to certify that Veer Bahadur Singh Purvanchal University, Jaunpur, Uttar Pradesh has complied with all the provisions of the following Regulations governing it:

- \* UGC Regulations on Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and further amendments, if any, notified by the UGC.
- \* UGC Regulation on Minimum Standards and Procedure for the Award of Ph.D. Degree, Regulations 2009 and further amendments, if any, notified by the UGC.
- \* UGC (Affiliation of Colleges by Universities) Regulations, 2012 and further amendments, if any, notified by the UGC (as per Uttar Pradesh Government Rules followed).
- \* Data of All India Survey on Higher Education (AISHE), Ref. No. U-0550-2014 dated August 20, 2015 has been uploaded.

Any false or misleading information provided by the institution, will be viewed seriously by NAAC and the accreditation given is liable to be withdrawn.

Date: December 10, 2015

  
**Prof. Peeush Ranjan Agrawal**

Name and signature with seal of  
the Vice Chancellor

प्रो० पीयूष रंजन अग्रवाल  
कुलपति  
Prof. Peeush Ranjan Agrawal  
Vice-Chancellor



वीर बहादुर सिंह पूर्वाञ्चल विश्वविद्यालय  
Veer Bahadur Singh Purvanchal University  
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Tel. : (O) +91-5452-252222 (F) 252344  
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December 10, 2015

No. 4195/VC Off./2105

**The Director  
National Assessment and Accreditation Council  
(An Autonomous Institution of the University Grants Commission)  
P.O. Box. No. 1075,  
Nagarbhavi, Bangalore-560 072**

**Sub.: Re-Accreditation of the University**

Sir,

Veer Bahadur Singh Purvanchal University Jaunpur, was established in the year 1987 under UP State Universities Act 1973 with its own Statute and Ordinances. The University is headed by Chancellor, the Hon'ble Governor of Uttar Pradesh. Authorities of the University are Executive Council, Court, Academic Council, Finance Committee, Board of Studies, Admission Committee, Examination Committee and such others. There are several sub-committees that are duly constituted to facilitate the functioning of above Authorities.

University has twin characteristics of an Affiliating and a residential both. Presently, the University has 565 affiliated colleges spread over in five districts, of Jaunpur, Azamgarh, Mau, Ghazipur and Allahabad. University has ten faculties namely Science, Arts, Commerce, Law, Agriculture, Management Studies, Engineering & Technology, Applied Social Sciences, Education and Medicine out of which Management Studies, Engineering & Technology, Applied Social Sciences and Medicine faculties are managed in the campus. Departments under Faculty of Science Medicine are there are both in the University campus as well as in the Affiliated Colleges. In all, there are 18 campus teaching departments namely, Biotechnology, Biochemistry, Microbiology, Environmental Sciences, Business Economics, Finance & Control, Human Resource Development, Business Administration, Applied Psychology, Mass Communication, Computer Application, Mechanical Engineering, Information Technology, Electrical Engineering, Electronics & Communication Engg., Electronics & Instrumentation Engg., Computer Science & Engineering and Pharmacy.

Herein, teacher-taught ratio has improved to 1:20. The campus is spread over 171.3 acres of land and is well connected with Road, Rail and Airport. High speed internet connectivity has been provided in all the Class rooms, Laboratories and Hostel rooms. There are adequate numbers of Hostels. Separate hostels for boys and the girls are provided with all basic amenities.

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University being located in the center of the Eastern part of UP state, industrial and commercial activities area not developed up to National average. However, UP being the first state to revolutionize primary education in the Country during 1988-90, the seed of education in the region has grown into a large tree in terms of number of Affiliated Colleges and students both. Since then, it has been growing exponentially. The University has met the challenges via the mechanism of galvanizing its statutory and functional bodies to meet the demand effectively. Annual Academic Calendar is strictly adhered to so that the examinations are held as per the time-frame and results declared on time. ICT has been introduced in entire process, right from filling of application forms by the students to the declaration of results. It is worth noting that consciousness towards ICT has been increasing very fast among all five lakhs students. They fill their admission forms on-line, down-load their admit cards and also marks sheets from the University portal.

University envisages for larger canvas of higher and technical education for those who even enter this platform as first generation pupil where the communication skill is often a limiting factor. In the light of regional requirements University has been able to meet all the three challenges effectively, tradition, modernity vis-a-vis quality in education for sustained development. University has modernized its infra-structure with state-of- art laboratories, class rooms, conference hall and library to meet the growing academic demand for inculcating an efficient teaching-learning process. University encourages students for participation in extra-curricular including sports activities for their endurance and personality development. University has been rated among top ten by the AIU in sports activities.

A holistic approach has been adopted, top-down and bottom-up to strengthen the socio-academic fabric of the University, such as galvanizing the strength of rural student for co-curricular activities; excelling at National and State level; activating Women, SC/ST anti-ragging Cell to enforce the discipline, social ethos; update of Vivekannad Central Library and strengthening of e-library; uploading on 'AISHE' and 'Shodh Ganga' of all the stake holders; faster redressal of grievances of students; and promoting Doctoral and Post-Doctoral research activities.

This Self Study Report (SSR) is being submitted towards re-accreditation of University by National Assessment and Accreditation Council (NAAC). Your early visit of Peer Team is highly solicited.

Thanking you,

Yours sincerely

  
**Prof. Peesh Ranjan Agrawal**  
Vice-Chancellor

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प्रो पीयूष रंजन अग्रवाल  
कुलपति  
Prof. Peeush Ranjan Agrawal  
Vice-Chancellor



वीर बहादुर सिंह पूर्वाञ्चल विश्वविद्यालय  
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Mob : +91-9838177777

No. 4639/V.C. Off./2016

September 30, 2016

**Re-Accreditation of the University**

To,

Director

National Assessment and Accreditation Council  
An Autonomous Institution of the University Grants Commission  
Nagarbhavi, Bangalore-560072, India

Prof. Harish Padh, Peer Team Chairperson  
Vice-Chancellor, Sardar Patel University  
Vallabh Vidya Nagar-388120

Prof. Muthukalingan Krishnan, Peer Team Member Co-ordinator  
Prof. & Head, Deptt. of Environmental Biotechnology  
Bharathidasan University, Tiruchirapalli-602024

Prof. S. Vaidhyasubramaniam, Peer Team Member  
Dean-Planning & Development and Indian Overseas Bank  
Chair Professor of Management & Adjunct Professor, Sastra University  
Thanjavur, Tamil Nadu

Prof. Mani Sankar Dasgupta, Peer Team Member  
Prof. Deptt. of Mechanical Engineering & Engineering Technology, BITS  
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Prof. Prabhu Narayan Mishra, Peer Team Member  
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Takshashila Campus, Khandwa Road, Indore-452001

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Professor, Deptt. of Electrical Engineering, Institute of Technology  
Nirma University, SG Highway, Ahmedabad-382481

Sir,

This is in continuation of my earlier letter dated December, 10, 2015, feeling privileged to submit before you an updated SSR, as on September 30, 2016. Since then the University has gone into infusing several qualitative inputs towards upgrading academic, research and administrative transformation. You are visiting the University from October 2, 2016, I hereby extend a warm welcome to all.

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Veer Bahadur Singh Purvanchal University, Jaunpur was established in the year 1987 under the UP State University Act 1973 with its own Statutes and Ordinances. The University is headed by Chancellor, the Hon'ble Governor of Uttar Pradesh. Authorities of the University are Executive Council, Court, Academic Council, Finance Committee, Board of Studies, Admission Committee and such others. There are several sub-committees constituted to facilitate the functioning of above authorities.

University has a twin characteristic of an affiliating and a residential, both. By 2015-16, the University has 693 colleges spread over five districts: Jaunpur, Azamgarh, Mau, Ghazipur and Allahabad. University has ten Faculty namely Science, Arts, Commerce, Law, Agriculture, Management Studies, Applied Social Sciences, Medicine, Education Engineering & Technology. Out of it, Faculty of Management Studies, Engineering & Technology, Applied Social Sciences, Science and Medicine are being managed in the campus. Departments under Faculty of Science and Medicine are there in the University campus as well as in the affiliated colleges. In all, there are 18 campus teaching departments namely Biotechnology, Biochemistry, Environmental Sciences, Applied Psychology, Mass Communication, Business Economics, Financial Studies, Human Resource Development, Business Administration, Pharmacy, Computer Application, Mechanical Engineering, Information Technology, Electrical Engineering, Electronics & Communication Eng., Electronics & Instrumentation Eng., Computer Science & Eng.

Herein, teacher-taught ratio has improved to 1:14, and with the infusion of new version of computer hardware the latest student-computer ratio gone up to 1:3. The campus is spread over 171.3 acres of land on the Shahaganj Road and is well connected with Road, Rail and Airport. High speed internet connectivity has been provided to all the class rooms, laboratories and hostel rooms, the facility extended to residents in the campus. There are adequate numbers of Hostels with all basic amenities for boys and girls. Three new hostels are coming up soon.

University being located in the centre of the eastern part of UP State, industrial and commercial activities, area is not developed up to the National average. However, UP being the first state to revolutionize primary education in the country during 1988-90, the seed of education in the region has grown into a large tree in terms of number of affiliated colleges and students both. It has been growing exponentially to meet the challenges via the mechanism of galvanizing its Statutory and functional Bodies catering to the needs effectively. Annual Academic Calendar is strictly adhered to so that the examinations are held as per the time-frame and results declared on



time, ICT has been introduced in the entire process, right from filling of application forms by the student to the declaration of results. It is worth noting that awareness towards ICT has been increasing very fast among the students of this region. The admission forms can be filled by the students on-line, admit cards down loaded and mark-sheets printed on-line from the University portal. University envisages for larger canvas of higher and technical education for those who enter this platform as first generation pupil where the communication skill is often a limiting factor. In light of regional and global requirements University has been able to meet all the three challenges effectively, tradition and modernity vis-à-vis quality in education for sustainable development. The University has modernized its infrastructure with state-of-the-art laboratories, class rooms, seminar/conference halls, book-bank to meet the increasing academic demands towards inculcating an efficient teaching-learning and research process. University encourages students for participating in extra and co-curricular activities such as sports, NSS, Rover & Rangers, Yoga, Exhibition, Culture and other, for their endurance and personality development. University has been excelling in State and at National level sports activities sponsored by AIU.

A holistic approach has been adopted, top-down and bottom-up to strengthen the socio-academic fabric of the University, such as galvanizing rural strength for co-curricular activities; excelling at National and State level; motivating women, SC/ST/ anti-ragging cell to enforce discipline and social ethos; update of Vivekanand Central Library and strengthening of e-library. 'AISHE' and 'Shodh Ganga' have reached 100% target. Recently a 'Research and Innovation Center' has been established in-campus for promoting Research & Development activities. Eight Ph. D. Research Centers are established in the selected Affiliated Colleges.

This Self Study Report (SSR) is being re-submitted with updates towards re-accreditation of the University by National Assessment and Accreditation Council (NAAC). We welcome the Chairman and Members of the Peer Team, hope shall find the visit very fruitful.

Yours Sincerely

  
**Prof. Peeush Ranjan Agrawal**

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राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
Veer Bahadur Singh Purvanchal University  
Jaunpur, Uttar Pradesh as  
Accredited  
at the B level.*

*Date : May 03, 2004*



*Urav  
Director*

- This certification is valid for a period of Five years with effect from May 03, 2004
- An institutional score (%) in the range of 55-60 denotes C grade, 60-65 -C\* grade, 65-70 - C\*\* grade, 70-75 - B grade, 75-80 -B\* grade, 80-85 - B\*\* grade, 85-90 - A grade, 90-95 - A\* grade, 95-100 - A\*\* grade (upper limits exclusive).



Name of the Institution : Veer Bahadur Singh Purvanchal University  
Place : Jaunpur, Uttar Pradesh

Criterion	Criterion Score (Ci)	Weightage (Wi)	Criterion X Weightage (Cix Wi)
I. Curricular Aspects	75	15	1125
II. Teaching-learning and Evaluation	75	25	1875
III. Research, Consultancy and Extension	70	15	1050
IV. Infrastructure and Learning Resources	80	15	1200
V. Student Support and Progression	65	10	650
VI. Organisation and Management	75	10	750
VII. Healthy Practices	70	10	700
		100	$\Sigma C_i W_i = 7350$

$$\text{Institutional Score} = \frac{\Sigma C_i W_i}{\Sigma W_i} = \frac{7350}{100} = 73.50$$

*Unacad*  
Director

EC/32/344



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No. U-0550-2014**

This is to certify that Saurabh Pal of Veer Bahadur Singh Purvanchal University, Jaunpur has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2014-2015.

**( B N Tiwari )**

**Deputy Director General**

**Dated: 20/08/2015**





Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No.** U-0550-2015

This is to certify that Saurabh Pal of Veer Bahadur Singh Purvanchal University, Jaunpur has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2015-2016.

( B N Tiwari )

Deputy Director General

Dated: 22/05/2016

## **A. Executive Summary**

### **Strength, Weakness, Opportunity, Challenges (SWOC) Analysis**

#### **Introduction**

Veer Bahadur Singh Purvanchal University, an institution of higher education in Eastern Uttar Pradesh India, was established on October 02, 1987 under the UP State University Act 1973. It is an outcome of endeavor by Late. Sri Veer Bahadur Singh, the then Chief Minister of Uttar Pradesh, through Gazette 5005/15-10-87-15 (15)-86 T. C. dated September 28, 1987. Although the University was established for the purpose of managing the 57 affiliated colleges spread in twelve districts but over the years it has spread its spectrum and has 693 affiliated colleges in five neighboring districts as of today. In 1991 it started offering residential courses in the campus. The inclusion of university in 12(B) of UGC and its accreditation by NAAC in the year 2004 have been pivotal in placing the university in list of prominent centers of higher learning in the region.

In 1994 the University shifted to its present location spread over 171.34 acres across Jaunpur-Shahganj road, 10 kilometers from Jaunpur city. In the year 1991 MBA programme was introduced as a University teaching departments in the campus. In the year 1997 B.Tech. programme with three branches viz-Electronics Engineering, Electrical Engineering and Computer Science & Engineering was started. In the year 1999 M.Sc. programme in Biotechnology and PG Programme in Business Economics, Applied Psychology, Finance & Control, HRD and Mass Communication & Journalism and in the year 2000 MCA programme and B. Pharm in the year 2002 were started. In the year 2002 three more B. Tech. programmes were started in the disciplines of Mechanical Engineering, Information Technology and Electronics & Instrumentation Engineering. In the same year PG programmes in Microbiology, Biochemistry and Environmental Sciences were introduced.

In the year 2008 The University got spread its activities over 5 districts with 226 colleges when colleges in 7 other districts got attached with Mahatma Gandhi Kashi Vidyapeeth, Varanasi. At present there are 11 faculties imparting 27 courses in 693 affiliated colleges. The enrollment strength of students is 4,95,035. The campus has a large administrative building, four academic blocks, one auditorium, one central library and separate buildings for NSS and Rover Rangers. To promote sports activities and conduct state and national level sports as well as on open air theatre, the campus has a well equipped open stadium and sports complex. It has eight hostels for students, separate for girls and boys and one working women hostel Gangotri. Amenities such as two banks with ATM facility, post office, health center and residential accommodation for its faculty and staff are available.

Furnished transit hostel accommodates both male and female faculties. For comfortable stay of its guests, the University has two guest houses with all facilities.

The campus has 18 departments under the faculties of Science, Applied Social Science, Medicine, Management, Engineering and Technology, Applied Physics, Chemistry, Mathematics and Humanities to provide education/research in 20 courses. All these courses are professional in nature designed with focus on knowledge, skill and personality development of the students. The University has been progressing steadfastly towards creating an environment to motivate and support academia and research realizing its mission of preparing trained manpower to meet global economy.

**The SWOC Analysis is presented below:**

### **STRENGTHS**

- i. The Mission of the University is based on the pursuit of growth reflected in the academic programmes through a blend of curricular, experiential and research programs guided by the social realities to develop competent citizens nurtured through integration of academic learning and a socially consciousness as strengths to meet the challenges of dynamic global environment . This is adequately reflected in the curricular and extracurricular activities of the University which are designed to instill not just employability skills, but also a sense of compassion and sensitivity among students, closer to their culture.
- ii. The curriculum is continuously reviewed and feedback are incorporated in coordination with the faculty, academic experts in the structured body of Board of Studies and Academic Council to keep pace with the rapid developments in various fields of study, scientific and technological advancements, and to meet the demands of academia, industry and society.
- iii. The University has dedicated and competent faculty committed to the cause of the learning and mentoring the students. The faculty is well qualified and recruited as per the norms of governing bodies. Most of them are educated from other Universities in the country. The faculty adopts innovative teaching methods for learning facilitated by ICT support.
- iv. The class room teaching is complemented with workshops, invited lectures, field trips and extension activities breeding diversity in teaching-learning methods. Experiential learning, participative learning and problem solving is encouraged by use of ICT

- based learning and field projects assigned to the students for experiential learning enrich the curricular process.
- v. New programs and program combinations are developed and adopted to meet the needs of the students and the society as B. Ed, M. Ed, integrated B. Ed & M. Ed. courses in process as per NCTE recommendations, Nursing Science, Prosthodontics, Periodontology, programmes under faculty of Ayurved and Unani medicines, courses in B. Voc are being designed.
  - vi. Vivekananda Central Library which has been recognized as a '**Centre of Excellence**' by State Government is a rich source with diverse stock of books and also provides e-learning resources. Various e-learning resources such as online Journals, CDs and online data bases through INFLIBNET are used by the students to enhance their knowledge.
  - vii. Activities conducted by NSS, Rovers/ Rangers, NCC, and department projects encourage student involvement in community services to develop their compassion and sensitivity contributing to nation building.
  - viii. Sports and cultural activities are encouraged by the University for development of students by organizing State and National level events. Auditorium and Open Air Theatre are available for organizing these events. Various awards and recognitions have been conferred on the students and faculties.
  - ix. Regular yoga practices and workshops on accupressure and such therapy add to the well being of students, faculty, and staff and drive for "sound mind in sound body".
  - x. The University fosters an inclusive academic environment through endeavors by active and dedicated SC/ST Cell, Remedial Cell, Women Cell, Anti-ragging Cell, online grievances redressal cell caters the needs and concerns of differently abled students in the college and provides an environment of fair treatment with all.
  - xi. To encourage students and give recognition to their excellence through gold medals and forthcoming Chancellor's medal are given to the meritorious students.
  - xii. The University adopts an open door policy for redressal of grievances and has an established mechanism for redressal through various committees.
  - xiii. Research is encouraged by providing research facilities in terms of infrastructure, scholarship and other facilities to improve its quality and output. Faculty publications in form of research papers and books add to the knowledge pool.
  - xiv. Collaboration and interdisciplinary activities are being encouraged to connect with groups outside and infuse new and diverse pedagogy in teaching and learning.



- xv. Various externally funded research projects and consultancies by agencies like UGC, ICSSR, DBT, DST, UNICEF are undertaken. UGC minor research grants are awarded to teachers and initially Rupees 6,50,000/- has been released at entry level to support their research interest.
- xvi. For strengthening of the existing Science & Technology infrastructure for teaching and research, the Department of Biotechnology has been recognized and granted fund from prestigious DST-FIST by Department of Science & Technology, Government of India.
- xvii. Training and Placement Cell in the University coordinates the activities related to the training of the students and organizing workshops for personality development. The Training and Placement coordinators from the department coordinate these activities at the department level.
- xviii. Transparency and discipline in examinations is ensured through reforms in examination system such as change in existing question paper pattern and introduction of word limit for answer adoption of online submission of forms for UG/PG examinations and centralized evaluation with blind folding of answer sheets, examination and evaluation in CCTV camera installed in halls to ensure unfair means free examination and unbiased and error-free evaluation.
- xix. Industry Institute Interface Cell (IIIC) organizes conclaves, special lectures, projects and internship providing a platform for activities to bring people from industry and institute together.
- xx. The University has an inclusive admission policy by holding common entrance tests (PUCAT-Purvanchal University Common Admission Test), caters to diverse student groups through reservation policies, scholarship and book bank facilities for differently able students and women.
- xxi. The Internal Quality Assurance Cell (IQAC) of the University plays a vital role in ensuring quality in education through various quality enhancement measures and monitoring mechanism in the University Teaching Departments and its Affiliated Colleges.
- xxii. Some of the other best practices in the University include the examination reforms, sports facilities, book bank facility, 'Bapu Bazar' an initiatives for the community, research centers in the University and Affiliated colleges, e-resources, eco-friendly campus, anti-sexual harassment and anti-ragging committees, corpus fund for faculty and staff, free education scheme, on-line examination form submissions, soft skill

development through Central Training and Placement Cell, industry internship, facilities for the differently-able students and organizing remedial training.

- xxiii. Engagement of faculty members from across the University's Affiliated Colleges in decision making towards examination, evaluation, result preparation, sports, NSS/Rovers-rangers activities and others
- xxiv. Networking and sailing alongwith more than 693 Affiliated Colleges and about five lakh students, adherence of rules, regulations, transparency and redressal mechanism.

#### **WEAKNESS**

- i. Lack of industries in this region is a bottleneck in imparting professional education and exposure to the students.
- ii. Lack of essential advance sport activities such as gymnastics, billiard, weight lifting and others.
- iii. The University is facing problems in the establishment of good medical centers for handling emergency effectively and handling chronic problems at intial stages.
- iv. The University has not so far been able to propagate a quality environment research atmosphere to motivate affiliated colleges in diverse region towards fruitful research aiming at the local challenges and requirement.
- v. There is no PG programme with professional degree courses of B. Tech. and B. Pharm.
- vi. The contribution of Alumni Association, Industry Institute Interaction and Consultancy is not as significant as it should have been to excel in the related activities.

#### **OPPORTUNITIES**

- i. The University has the potential and immense scope for new courses which are long overdue. It intends to introduce Vocational courses to enhance employment opportunities. B. Voc. Programs in several disciplines are waiting for its introduction.
- ii. The University proposes to collaborate with national level and foreign universities as well as the industry with a view to provide students useful insights on professional skills with a thrust on entrepreneurial culture.
- iii. For professional and academic development of the faculty and staff, training sessions and workshops shall be organized along with inter-institutional tie- ups and an Academic Staff College has been proposed.

- iv. With a view to sensitize the students as well as the staff towards their responsibility to the community, the University plans to actively engage itself with its immediate neighborhood through different projects.
- v. The University looks forward to academic collaboration with professional institutes and other universities for introduction of professional courses, research, and consultancy.

### **CHALLENGES**

- i. The University is located on the outskirts of the city in the remote region of Purvanchal creating difficulties in managing the resources, commuting, attracting experts as well as staff of good students. This squares up the problems forging productive partnerships with industry, research bodies and international collaborations with foreign Universities.
- ii. To motivate students of this economically poor region empeding their overall development and to inculcate a deeper sense of critical and analytical thinking and to cultivate in them a passion for work and compassion towards the community in the materialistic world.
- iii. To encourage research aptitude amongst students and develop an innovation prone thought process.
- iv. The challenge lies before the teaching fraternity to maintain a balance between the use of the conventional pedagogy and the modern teaching methods so as to establish the real connect between information, knowledge and wisdom as well as its applicability.
- v. In present conditions where the private organizations are charging hefty fees and providing luxurious environment to the students along with international exposure, it is a big challenge for the State University to provide best facilities and ensure employment opportunities with available resources and facilities.
- vi. It has been a challenge to find quality faculty and sustaining some academic programmes.
- vii. Continuing to network and connect with five lakh students across 693 Affiliated Colleges across five districts ie. Jaunpur, Ghazipur, Mau, Azamgarh, and Allahabad in terms of pursuing syllabus, adhering to Annual Academic Calendar, organizing socio-cultural activities, holding examination and declaration of results.

In spite of the limitations and hurdles encountered by the University it accepts all the challenges and is determined to move forward and provide excellence in academics and co-curricular activities to its students.

## B. Profile of the University

### 1. Name and Address of the University:

<b>Name:</b>	Veer Bahadur Singh Purvanchal University, Jaunpur Shaganj Road, Siddiquepur, Jaunpur	
<b>Address:</b>		
<b>City:</b> Jaunpur	<b>Pin:</b> 222003	<b>State:</b> Uttar Pradesh
<b>Website:</b> www.vbspu.ac.in		

### 2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	E-mail
Vice-Chancellor	Prof. Peeush Ranjan Agrawal	O: 05452-252222 R: 05452-252344	9838177777 9415218088	05452-252344	<a href="mailto:vcpurvanchaluniversity@rediffmail.com">vcpurvanchaluniversity@rediffmail.com</a>
PS to Vice-Chancellor	Dr. KS Tomar	-	9838403955	-	tomarkarmbirsingh59@gmail.com
Pro Vice-Chancellor	Not Applicable				
Registrar	Dr. Deo Raj	O: 05452-252244 R: 05452-252299	950616648		connectpuregistrar@gmail.com
PA to Registrar	Sri Rahamatulla	-	9415870488	-	purahamat@gmail.com
Coordinator NAAC Steering Committee	Prof. B.B.Tiwari	-	9161368540	-	bbtiwari62@gmail.com
Coordinator IQAC	Dr. Manas Pandey	-	9415207029	-	manas_pandey@rediffmail;.com; dr.manaspandey@gmail.com

### 3. Status of the University:

State University

State Private University

Central University

University under Section 3 of UGC (Deemed University)

Institution of National Importance Any other (please specify)

√

### 4. Type of University:

Unitary

--



*Affiliating cum residential*

**5. Source of funding:**

Central Government

State Government

Self-financing Any other (please specify)

**6. a. Date of establishment of the university: 02/10/1987**

**b. Prior to the establishment of the university, was it a/an**

<b>i. PG Centre</b>	No
<b>ii. Affiliated College</b>	No
<b>iii. Constituent College</b>	No
<b>iv. Autonomous College</b>	No
<b>v. Any other (please specify) Started as a new University</b>	Yes

**7. Date of recognition as a university by UGC or any other national agency:**

Under Section	Day	Month	Year
i. 2f of UGC*	NA	NA	NA
ii. 12B of UGC *	07	01	2001
iii. 3 of UGC #	NA	NA	NA

\* Enclose certificate of recognition.

# Enclose notification of MHRD and UGC for all courses / programmes / campus/campuses.

^ Enclose certificate of recognition by any other national agency/agencies, if any.

All the certificates will be shown to the peer team during the visit.

**8. Has the university been recognized**

**a. By UGC as a University with Potential for Excellence?**

Yes  No

If yes, date of recognition : ..... (dd/mm/yyyy)

**b. For its performance by any other governmental agency?**

Yes  No

If yes, Name of the agency .....and date of recognition: ..... (dd/mm/yyyy)

**9. Does the university have off-campus centres?**

Yes  No

If yes, date of establishment:(dd/mm/yyyy) date of recognition : (dd/mm/yyyy)

**10. Does the university have off-shore campuses?**

Yes  No

If yes, date of establishment:(dd/mm/yyyy) date of recognition: (dd/mm/yyyy)

**11. Location of the campus and area:**

	Location *	Campus area in acres	Built up area in sq. mts.
<b>i. Main campus area</b>	RURAL	171.34	246858
<b>ii. Other campuses in the country</b>	-	-	-
<b>iii. Campuses abroad</b>	-	-	-

(\* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify)

If the university has more than one campus, it may submit a consolidated self study report reflecting the activities of all the campuses.

**12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.**

• **Auditorium/seminar complex with infrastructural facilities:**

University has an Auditorium of 2394.24 sqm with seating capacity of 700. Moreover every building has its own conference room with generally seating facility of 100 plus.

• **Sports facilities - Yes**

\* Playground – University has a big play ground for organizing inter university sports meet like kabaddi, hockey, volleyball court, basket ball court, handball court, cricket (turf wicket), handball court, race etc with total area of 7500sqm, 400 meter track.

Tennis Court and International Stadium are under construction

\* Swimming pool – No

\* Gymnasium – One in Sports Complex as well as minigym in each hostel

• **Hostel**

\* **Boys' hostel**

i. Number of hostels- 04 and 02 Hostels are likely to be handed over by Agencies, Samaj Kalyan Vibhag and Uttar Pradesh State Construction & Infrastructure Development Corporation Ltd. very soon.

- ii. Number of inmates- 994 total capacity and presently 468 students are residing.
- iii. Facilities- Internet facility 24x7 (internet ports in each room), central computer lab in each hostel having 10 sets of computer with internet connection available round the clock, Mess cum cafeteria with dining hall, generator 24x7 backup, Gym facility- multi functional manual trade mill, manual trade mill, spine bike, home gym 15 exerciser, hexagonal dumbbell, situp bench, skipping rope, pushup bar with twister, spral push up bar, box pack, triceps rope, yoga bricks, cattle bells etc recreation room (TV) and indoor sports facility like table tennis, carom, chess, badminton etc. newspaper and magazines.

\* **Girls' hostel**

- i. Number of hostels- 02 and Number of inmates- total capacity 287 and presently 183 students are residing
- ii. Facilities- Internet facility 24x7 (internet ports in each room), central computer lab in each hostel having 10 sets of computer with internet connection available round the clock, Mess cum cafeteria with dining hall, generator 24x7 backup, Gym facility- multi functional manual trade mill, manual trade mill, spine bike, home gym 15 exerciser, hexagonal dumbbell, situp bench, skipping rope, pushup bar with twister, spral push up bar, box pack, triceps rope, yoga bricks, cattle bells etc recreation room (TV) and indoor sports facility like badminton, table tennis, carom, chess, etc. newspaper and magazines.

\* **Working women's hostel-** Yes (Transit Hostel for working men and women)

- i. Number of hostels-01 (No. of flats 32) Number of inmates- 30
- ii. Facilities- two room set with kitchen and fully furnished
- iii. 01 hostel, Yamnotri has been inagurated by Padma Shree Dr. Prem Shankar Goel, ISRO, Bengaluru on February 13, 2016 having 06 Flats, capacity 12 teacher/research scholar and 02 halls, capacity 60.
- iv. 01 hostel Gangotri has been has been inagurated by Padma Shree Dr. Prem

Shankar Goel, ISRO, Bengaluru on February 13, 2016 having 10 Flats twin rooms

*Please refer section 4.1.6 for details of the hostel*

- **Residential facilities for faculty and non-teaching:**

Category	Number of Quarters
Teaching Staff	Type IV-20 (each flat 150 sqm.) Type III- 38 (each flat 95 sqm.)
Non-Teaching Staff	Type II-72 (each flat 72 sqm., 8 flats under construction) Type I- 45 (each flat 52sqm.)
Total	163

- **Cafeteria-** Yes
- **Health centre** – two health center
  - one health center in campus managed by the University and has part- time doctor and staff for OPD facility.
  - second is a primary health center of UP govt. in the campus block.
  - Ambulance services for emergency (24x7), UP Government dial 108 service is available along with Gypsy van
  - empanelment of medical doctors
  - yoga & acupressure workshop
- **Facilities like banking, post office, book shops, etc.-** 02 Nationalized Bank (Oriental Bank of Commerce & Punjab National Bank) with 02 No. of state-of-art ATM installed; Modernized Post Office with speed post facility; Photocopy facility in each academic block.
- **Transport facilities to cater to the needs of the students and staff-** 01bus, soon one bus will ply especially for girls students.
- **Facilities for persons with disabilities-** Ramp facility in all buildings is in progress
- **Animal house-** 01 in Pharmacy.
- **Incinerator for laboratories-** 01
- **Powerhouse-** 01 substation with 1100 KV managed by UPPCL
- **Waste management facility-**  
Yes, garbage containers of different colors placed separately for dry and organic wastes. Waste from Laboratory is disposed separately



**13. Number of institutions affiliated to the university**

Type of colleges	Total
Total No. of affiliated colleges	693
Arts	632
Science	178
Commerce	53
B.Ed	258
Law	07
Medicine (BAMS & BUMS, BDS)	01 each
B.Sc Nursing	01
Agriculture	03
B. P.Ed.	57
Engineering	6
Education	106
Management (BBA)	06
Computer Application (BCA)	12
Colleges with PG Departments	131
College with Research Facilities	37

**14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University**

Yes  No  Number

(01 Handia PG College, Allahabad)-

**15. Furnish the following information:**

Particulars	Number	Number of Students
<b>a. University Departments</b>		
Undergraduate	07	1232
Post graduate	11	646
<b>Research centers on the campus</b>	-	<b>Total 1778</b> 01+1 under construction (RUSA)
<b>b. Constituent colleges</b>	-	-
<b>c. Affiliated colleges</b>	693	495035
<b>d. Colleges under 2(f)</b>	-	-
<b>d. Colleges under 2(f) and 12B</b>	63	-
<b>e. NAAC accredited colleges</b>	07	-
<b>f. Colleges with Potential for Excellence (UGC)</b>	-	-
<b>g. Autonomous colleges</b>	01	In process
<b>h. Colleges with Postgraduate Departments</b>	131	-
<b>i. Colleges with Research Departments</b>	37	-
<b>j. University recognized Research Institutes/Centres</b>	-	-

16. Does the university conform to the specification of Degrees as enlisted by the UGC?

Yes  No

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	Pharm., B. Tech. in Electrical Engg., Mechanical Electronics & Comm, Engg., Electronics & Inst. Engg., Computer Science & Engg., Information Technology
PG	M.B.A./M.B.A. (Agri.), M.B.A. (e-Comngg.), M.B.A. (H.R.D.), M.B.A. (Business Economics), M.B.A. (Financial Studies), M.H.R.D., Mass Communication, Applied Psychology, M. Sc. (Biotechnology, Microbiology, Biochemistry, Environmental Science) and MCA
Integrated Masters	in progress
M.Phil.	NIL
Ph.D.	Human Resource Development, Business Administration, Business Economics, Financial Studies, Mass Communication, Applied Psychology, Computer Applications, Biotechnology, Commerce, Education, (all courses of arts at PG level Colleges). Ph.D. in MCA is in progress
Integrated Ph.D..	NIL
Certificate	in progress
Diploma	in progress
PG Diploma	NIL
Any other (please specify)	NIL

18. Number of working days during the last academic year.

19. Number of teaching days during the past four academic years.

(‘Teaching days’ means days on which classes were engaged. Examination days are not to be included)

20. Does the university have a department of Teacher Education?

Yes  B.Ed., M.Ed, B.P.Ed are running in affiliated colleges

a. Year of establishment ..... (dd/mm/yyyy)

b. NCTE recognition details (if applicable)

Notification No.: ..... Date: ..... (dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately?

Yes  No

**21. Does the university have a teaching department of Physical Education?**

Yes  are running in affiliated colleges. No

If yes,

- a. Year of establishment ..... (dd/mm/yyyy)
- b. NCTE recognition details (if applicable)  
Notification No.: ..... Date: ..... (dd/mm/yyyy)
- c. Is the department opting for assessment and accreditation separately?  
Yes  No

**22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered? -NA-**

Yes  No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

**23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.**

The University is reviewed by the following regulatory authorities: UGC, PCI, AICTE. copy of report and action taken will be shown at the time of the peer team visit.

**24. Number of positions in the university (Teaching)**

Positions	Professor	Associate Professor	Assistant Professor	Total
Sanctioned by the UGC / University / State Government	11	22	39	72
<i>Recruited (against sanctioned post)</i>	02	04	27	33
<i>Yet to recruit (against sanctioned post)</i>	09	18	12	49
Post created by Executive Council (EC)	08	18	64	90
<i>Recruited (against post created by EC)</i>	01	01	74	76
Number of persons working on contract basis	01	01	34	37
Guest Faculty	-	-	56	56

**Number of positions in the university (Non-Teaching)**

REGULAR POSITIONS				
Position	Filled Position	Vacant Post	Total	Grand Total

Officers	05	07	012	271
Class III	178 (47 Technical)	23	178	
Class IV	73 (03 Technical)	08	081	
Post regularized by G.O. No.: 536/seventy-4-2004-46 (49)/2011 dated 01/09/2014				
Class III	70	-	70	109
Class IV	39	-	39	
				<b>380</b>
<b>ADHOC POSITIONS</b>				
Class III	48 (03 Technical)	-	48	<b>081</b>
Class IV	33		33	
<b>CONTRACTUAL POSITIONS</b>				
Class III	12	-	12	<b>030</b>
Class IV	18	-	18	
				<b>491</b>

## 25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent teachers</b>							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D..	02	-	09	02	18	01	32
M.Phil.	00	-	00	01	01	01	02
PG	02	-	09	02	18	01	32
<b>Temporary teachers (Contractual)</b>							
Ph.D..	-	-	01	-	12	02	15
M.Phil.	-	-	-	-	-	-	-
PG	01	-	01	-	30	04	36
<b>Part-time teachers (Guest Faculty)</b>							
<b>Ph.D..</b>							02
<b>M.Phil.</b>							-
<b>PG (M. Sc. &amp; M.Tech)</b>							54

## 26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
<b>Number</b>	--	--	223 Please refer section 2.3.5

## 27. Chairs instituted by the university:

	Chairs
<b>School / Department</b>	-

## 28. Students enrolled in the university departments during the current academic year, with the following details:

### Student's admitted in last academic year 2015-16 (Department Wise)

Deptt	2013-14		2014-15		2015-16		2016-17		Categ.
	M	F	M	F	M	F	M	F	
Biotech	1	5	1	2	2	2	1	4	Gen
	3	1	10	3	5	6	9	3	OBC

	6	1	1	0	3	1	2	1	SC
	0	0	0	0	0	0	0	0	ST
<b>Micro</b>	M	F	M	F	M	F	M	F	
	1	6	2	4	2	5	2	5	Gen
	3	6	5	4	4	5	6	5	OBC
	1	3	4	1	3	1	1	1	SC
	-	-	-	-	-	-	-	-	ST
<b>Biochem</b>	M	F	M	F	M	F	M	F	
	8	2	1	6	4	1	5	5	Gen
	5	1	7	1	3	7	5	4	OBC
	1	0	2	0	1	0	0	1	SC
	0	0	0	0	0	0	0	0	ST
<b>Env. Sc</b>	M	F	M	F	M	F	M	F	
	2	6	1	5	0	10	1	10	Gen
	3	6	5	5	3	6	1	6	OBC
	3	0	3	1	1	0	1	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MMC</b>	M	F	M	F	M	F	M	F	
	8	2	10	0	2	2	4	2	Gen
	12	1	5	1	6	1	6	2	OBC
	4	0	5	0	1	0	1	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MAP</b>	M	F	M	F	M	F	M	F	
	4	3	2	2	0	1	0	1	Gen
	2	0	1	3	2	1	1	0	OBC
	4	4	0	2	0	1	0	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MBA</b>	M	F	M	F	M	F	M	F	
	14	4	15	4	15	4	30	4	Gen
	20	5	24	2	14	5	19	3	OBC
	5	1	1	0	2	5	2	2	SC
	0	0	0	0	0	0	0	0	ST
<b>MBA (Agri)</b>	M	F	M	F	M	F	M	F	
	5	0	14	0	9	0	6	0	Gen
	4	0	6	0	4	1	8	0	OBC
	4	0	1	0	3	0	1	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MBA (e-Com)</b>	M	F	M	F	M	F	M	F	
	5	1	2	0	2	0	1	0	Gen
	5	0	1	0	0	0	2	0	OBC
	0	0	0	0	0	0	0	1	SC
	0	0	0	0	0	0	0	0	ST
<b>MBA (HR)</b>	M	F	M	F	M	F	M	F	
	6	4	9	4	6	10	7	8	Gen
	5	6	6	7	4	4	6	3	OBC
	1	2	0	3	0	0	0	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MHRD</b>	M	F	M	F	M	F	M	F	
	2	1	1	1	0	0	0	0	Gen
	2	0	1	0	0	0	0	0	OBC
	0	0	0	0	0	0	0	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MBA (BE)</b>	M	F	M	F	M	F	M	F	
	7	1	12	0	5	4	4	1	Gen
	12	0	11	1	4	0	5	0	OBC
	7	1	4	0	1	0	1	0	SC
	0	0	0	0	0	0	0	0	ST
<b>MBA (FC)</b>	M	F	M	F	M	F	M	F	
	6	3	22	3	10	6	15	3	Gen
	6	1	4	1	4	2	13	5	OBC
	1	0	2	0	1	0	2	2	SC
	0	0	0	0	0	0	0	0	ST
<b>B. Pharm</b>	M	F	M	F	M	F	M	F	
	12	6	9	7	3	5	26	8	Gen

	13	5	18	6	19	11	10	6	OBC
	6	3	6	5	11	4	8	2	SC
	1	0	0	0	0	0	0	0	ST
EE	M	F	M	F	M	F	M	F	
	8	3	16	4	15	0	19	5	Gen
	26	7	24	2	23	2	14	0	OBC
	10	4	8	4	13	2	10	0	SC
	1	0	1	2	0	0	0	0	ST
ECE	M	F	M	F	M	F	M	F	
	11	2	17	3	9	2	12	1	Gen
	25	4	24	1	21	1	4	1	OBC
	13	0	13	1	9	1	0	0	SC
	0	0	0	1	2	0	0	0	ST
EIE	M	F	M	F	M	F	M	F	
	8	5	7	0	2	0	1	0	Gen
	12	2	13	0	7	0	0	0	OBC
	5	1	5	3	7	0	0	0	SC
	0	0	0	3	0	1	0	0	ST
CSE	M	F	M	F	M	F	M	F	
	13	3	13	3	11	3	28	8	Gen
	22	5	21	8	17	4	5	5	OBC
	4	1	9	0	7	1	3	0	SC
	0	0	0	0	1	0	0	1	ST
IT	M	F	M	F	M	F	M	F	
	5	8	6	3	6	1	9	1	Gen
	9	5	6	2	8	1	0	1	OBC
	2	2	1	0	7	1	0	0	SC
	0	0	0	0	0	0	0	0	ST
MCA	M	F	M	F	M	F	M	F	
	9	3	14	1	15	4	5	1	Gen
	16	1	16	0	19	2	4	0	OBC
	1	0	2	0	0	0	0	0	SC
	0	0	0	0	0	0	0	0	ST
ME	M	F	M	F	M	F	M	F	
	15	1	13	3	15	-	30	2	Gen
	26	3	28	4	25	1	16	-	OBC
	14	-	10	1	15	-	5	-	SC
	-	-	1	-	1	-	-	-	ST

**29. 'Unit cost' of education (2015-16)**

*(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)*

**(a) including the salary component = Rs. 62,575.00**

**(b) excluding the salary component = Rs. 34,583.00**

**30. Academic Staff College-** a proposal regarding establishment of UGC-ASC has been sent to UGC

- **Year of establishment .....NA.....**
- **Number of programmes conducted (with duration)**
  - \* **UGC Orientation**
  - \* **UGC Refresher**
  - \* **University's own programmes**

**31. Does the university offer Distance Education Programmes (DEP)?**

Yes

(University is a center for providing education in distance mode through IGNOU)

**If yes, indicate the number of programmes offered:**

No. of programmes offered by IGNOU center in the University are:

Degree Course – 14 Nos.; PG Diploma-08 Nos.; Certificate-12 Nos.

**Are they recognized by the Distance Education Council: NA**

**32. Does the university have a provision for external registration of students?**

Yes  No   
(private students in colleges)

**If yes, how many students avail of this provision annually? 20278**

**33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.**

Accreditation: Cycle 1  Cycle 2  Cycle 3  Cycle 4   
: Re-Assessment

**34. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)**

**Cycle 1: 03.05.2004(dd/mm/yyyy), Accreditation outcome/Result :B**

Cycle 2: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

Cycle 3: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

Cycle 4: ..... (dd/mm/yyyy), Accreditation outcome/Result .....

\* The copy of accreditation certificate is enclosed and peer team report(s) along with action taken will be submitted separately.

**35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.**

The University provides information of accredited institutions on its website. The number of such colleges is 05.

**36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).**

**IQAC 08.07.2006 (dd/mm/yyyy)**  
**AQAR ...16/09/2016 (dd/mm/yyyy) uploaded on University web site**



## **C: CRITERIA WISE INPUT**

### **CRITERION I: CURRICULAR ASPECTS**

#### **1.1 CURRICULUM DESIGN AND DEVELOPMENT**

##### **1.1.1 How is the institutional vision and mission reflected in the academic programmes of the university?**

The University was established to contribute towards the development of people in the region by creating opportunities for higher education with professional intent. The vision and mission of the University are based on the pursuit of growth reflected in the academic programmes through a blend of curricular, experiential and research programs guided by the social realities. The five components of the vision are:

- a.** Developing University as excellent centre for learning
- b.** Promoting research
- c.** Creating an environment to motivate and support academia and research
- d.** Prepare graduates to meet global economic challenges
- e.** Provide trained manpower for development of Nation

The mission is enforced through operational objectives that are reflected in the academic activities of the University in following way:

- Introduction of professional courses aligned with the upcoming trend in higher education and progression of the students in the region. The University offers all professional and technical courses, viz. Engineering, Pharmacy, Management, Biotechnology, Applied Psychology, Mass Communication and Computer Applications. Change in examination structure and initiatives for CBSS are in progress.
- The curriculum of academic programmes is updated for improved learning and assessment. Incorporating new knowledge and introducing structural changes to the curriculum helps to keep pace with the developments in various streams of study and meet the demand of academia, industry and society.
- The academic and industry linkage is strengthened through fieldwork, projects, internships, study tours, institutional training and research. Workshops, special lectures and conclaves provide interface for student, faculty and corporate interaction.

- In response to the need of social and global requirement of skilled workforce, initiatives in designing of integrated B.Ed and M.Ed course, B.Voc offering certificate and degree at different levels is in process.
- ICT facilities and rich library undergoing digitalization strengthens research orientation. Adhering to the revised ordinance in tune with the UGC norms, University has enrolled students for research and course work.
- Holistic growth comprising of intellectual, academic, social and professional development through Sports, NCC, NSS, Rovers Rangers, Yoga and other Cultural programmes are regular feature.

**1.1.2 Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).**

The University follows a systematic and integrated process in the design and development of the curriculum. Integrated process here implies engaging with various sources that provide input for course development. Preparation of course curriculum is based on learning outcomes and need for cognitive, skill, and value learning by the student. The steps involved in the process are as follows:

- a) At the beginning of each session, the University issues letter to the departments to initiate the process. In case of opening a new course or department, University constitutes an expert committee. Initial process of these bodies is to assess the regional and contemporary needs of the discipline and society articulated through national bodies like UGC, AICTE, DST, DBT, national and international conferences, alumni, corporate, faculty input and current students' feedback.
- b) The input obtained through assessment is taken up for approval through a well defined structure for development of academic programme. These are Board of Studies (BOS at Department level), Dean of Faculty in the BOS (adds involvement of Faculty of Art/Science/Management/ Commerce/ Law etc. in the process), followed by Academic Council, the highest academic body of University with representatives from within and outside University, chaired by the Vice-Chancellor, which is the final approving body. In case of opening new courses, the proposal is further sent to Hon'ble Governor of Uttar Pradesh, The Chancellor of the University for Approval.

### **1.1.3 How are the following aspects ensured through curriculum design and development?**

#### **Employability:**

- The campus courses are professional in nature. Courses are designed to address the needs of the stakeholders in terms of knowledge, skill and attitude development; and structured to strengthen the job orientation of the industries and service organizations.
- Practical and field hands on-training have been made an integral part of the curriculum. The laboratories are well equipped to give exposure to the students and help learning of tools, techniques and skills.
- Communication skill, soft skill, computer skill and other technical skills as per the curricular requirement are provided through the courses, workshops, internships, and dissertation. All the courses give thrust on summer training to the students for developing an insight on the application aspects on-site and dissertation work gives them an opportunity towards research in a particular area.
- The syllabi are revised frequently by the departments to include the new knowledge and practices in the subject.

#### **Innovation:**

Curriculum design and development focuses on including different emerging issues in the subject. Course content and best practices of premier institutes are referred as source of inspiration for introducing new courses.

1. New courses on Vocational Education like, B.Voc in Food Technology, Computer & Multimedia, applied Management, and Art, Craft& Culture are in the process. The courses are being prepared with 60% skill development in the area and defining of job roles at every stage.
2. Two-year B. Ed and M.Ed course has been redesigned following the latest trends as elucidated by NCTE. Ours is the first University in the state to implement this revised course curriculum in session 2015-16.
3. Committee has been constituted to introduce integrated B.Ed/M.Ed course.
4. Courses like B.Sc. Nursing Science commenced from session 2014-15 and Bachelor of Aurvedic Medicine and Surgery (BAMS), and Bachelor of Unani Medicine and Surgery (BUMS) are in process (vide the Executive Council resolution dated. 16.12.2014).
5. New PG courses like Prosthodontics and Crown; Bridge and Pareodontology in the Faculty of Dental Sciences are approved by Executive Council (dated.

16.12.14). The faculty shall comprise of seventeen departments as per Dental Council of India.

6. Implementation of Choice Based Credit System/ Choice Based Semester System in stages is being worked out. Workshop was conducted for understanding and developing CBCS in the University departments.
7. The students are exposed to various real life settings in different areas through various eminent experts invited to interact with students on diverse issues, exhibitions are organized demonstrating creativity of students and for generating awareness, conduct of competitions like poster making, model making, essay and other literary events are also taken up.
8. The fact that our students are placed in various organizations and working as practitioners and researchers (in and out of country) proves that ours' is a relevant curriculum in conformity with to national/global trends.

**Research:**

- The University is conscious of its duty towards contributing to the arena of new knowledge through quality research. The course curricula are thus attuned to develop research acumen among the students.
- The Post Graduation programmes offered by all faculties consist of paper on Research and Statistics. Research training through practical in science is an essential part of the curriculum.
- The Ph. D programmes in the University follows the UGC guidelines and offers a well developed course work. New PhD Ordinance 2014 has been implemented for session 2015- 2016 and onwards.
- The professional courses at PG level have summer training that gives students exposure on work place and dissertation work in their final semester. The students take up mini research under the guidance of faculty/industry, especially in the courses related to science, social sciences and management at PG level. The students are encouraged to enhance their research knowledge through empirical data collection and analysis, and field based research.

**1.1.4 To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?**

- The recommendations of the regulatory bodies like University Grants Commission (UGC), All India Council of Technical University (AICTE), Medical Council of India (MCI), Dental Council of India (DCI), National Council of Teacher Education (NCTE), Bar Council of India (BCI), and Pharmacy Council of India (PCI), are followed for curriculum development.
- The campus courses, LLB/LLM, and Agriculture follow semester system. Implementation of Choice Based Credit System/ Choice Based Semester System is in progress.
- The curriculum of two year- semester based B.Ed and M.Ed has been recently reframed as per NCTE guidelines; Ours' is the first University in the State to design and implement (B.Ed, M.Ed in progress) the programme in session 2015-16.
- UGC guidelines on B.Voc have triggered the process of curriculum development in the University relevant to skill development in the region.
- The content of National Eligibility Test (NET) of UGC is incorporated in the PG syllabus. In technical courses, like Engineering and Pharmacy standard of GATE/GPET etc. syllabus is followed, AICTE and UPSEE syllabus contents are implemented.
- The MBA Program offers specialization in various areas following UGC nomenclature.

**1.1.5 Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?**

The university interacts with its stakeholders like industry, research bodies, national level government agencies and civil society in the curriculum revision process.

- Feedback is received from the employers, usually through corporate executives during discussions, meetings, invited talks, seminars and conferences. Industry Institute Interface and Alumni Association in the campus helps to bridge the gap between academia and Industry.
- Eminent persons from different walks of life are invited by the departments on different occasions; feedback on the academic and professional relevance is obtained and later considered during review of syllabi. Important bodies of the university have representatives from the community such as Academic

Council and Executive Council. Their views on curricula development and delivery often prove a good source of inspiration.

- Academic peers are invited as outside experts in different bodies of the University such as Board of Studies (BOS), Academic Council (AC) and Executive Council (EC). They are also invited to deliver special lectures, workshops and seminars/ conclaves/conferences. Their feedback is of much value and is incorporated in developing the course content. Feedback from the students on the syllabus also is considered in review of syllabus.

**1.1.6 Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.**

The University centrally organizes the meeting of Board of Studies (BOS) for different subjects running in colleges. Eminent outside experts participate in the process of finalization of both existing and emerging areas of studies. Recommendations of BOS are placed before the Academic Council (AC) for approval. For implementation of new programmes the recommendations of BOS and the decision of Academic Council are reported in the Executive Council (EC) for approval and afterwards are sent to the Hon'ble Governor, Chancellor of the University for final approval and permission to implement the course.

**1.1.7 Does the university encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).**

The University runs various skill-oriented courses like BCA, BBA, BEd, BPed, MEd in the colleges. The main thrust of the curriculum of these courses is to train the students in the respective field. These courses are opened to cater to the needs of the region by providing trained workforce. University supports other skill development activities through various programmes conducted by NSS/NCC/ Rovers Rangers especially for students in colleges. University provides infrastructure and facilitates their activities. Sports training, workshops for personality development, and computer training facilities enhance skill of the students.

## 1.2 ACADEMIC FLEXIBILITY

### 1.2.1 Furnish the inventory for the following:

- **Programmes taught on campus:** There are 14 programmes of study offered at PG level and seven at UG level, with elective papers in the programme. The university offers Ph.D. programmes in seven disciplines. The List of programs is given below:

Faculty of Science		
Department	Course offered	Ph.D..
Biotechnology	M. Sc.	Yes
Biochemistry	M. Sc.	-
Microbiology	M. Sc.	-
Environmental Sciences	M. Sc.	-
Faculty of Management Studies		
Business Economics	M.B.A.	Yes
Finance & Control	M.B.A.	Yes
Human Resource Development	M.B.A. & M.A.	Yes
Business Administration	M.B.A.	Yes
e-Commerce	M.B.A.	-
Agri Business Management	M.B.A.	-
Faculty of Applied Social Sciences		
Applied Psychology	M.A.	Yes
Mass Communication	M.A.	Yes
Faculty of Engineering & Technology		
Computer Application	MCA	Yes
Mechanical Engineering	B.Tech.	-
Information Technology	B.Tech.	-
Electrical Engineering	B.Tech.	-
Electronics & Communication Engg.	B.Tech.	-
Electronics & Instrumentation Engg.	B.Tech.	-
Computer Science & Engineering	B.Tech.	-
Faculty of Medicine		
Pharmacy	B. Pharm	-

- **Overseas programmes offered on campus:** All undergraduate, postgraduate, and Ph.D. programmes in various faculties of the University are open to the foreign students
- **Programmes available for colleges to choose from academic programmes allowed to be run in the affiliated colleges.**

#### List of Programme approved for affiliated colleges session 2015-16:

- ✓ UG Courses: B.A. (all subjects), B.Sc., B. Sc. (Ag.), B. Sc. (Microbiology), B. Sc. (Biotechnology), B. Com., B.B.A., B.C.A., B. Ed., B. P. Ed., BDS, B. Sc. Nursing Science, BAMS, BUMS, LL.B,
- ✓ PG Courses: M. Sc. (Zoology, Botany, Physics, Chemistry, Math. Environmental Sciences), M. Com., M. Ed., M. Sc. (Ag.), MDS, M. A. (all courses), LLM

### 1.2.2 Give details on the following provisions with reference to academic flexibility



**a) Core/ elective options:** The programmes offer core papers and elective options. University is in process of developing Choice Based Credit System/ Choice Based Semester System to provide more elective options to the students through complete restructuring of the programme. The courses in campus and some professional courses in colleges follow semester system. Each academic year is divided into two semesters.

**b) Enrichment courses:**

- Faculty of Vocational Studies will comprise of four departments- Food Technology; Applied Management Science; Art, Craft and Culture; and Computer and Multimedia. These programmes are chosen as per the recommendations of National Skill Qualification Framework to award certificate, diploma, advanced diploma and degree. Such courses will help students of other programmes to receive enrichment courses along with their regular course.
- Template course curriculum for introducing National Service Scheme (NSS) as an elective subject in higher education has been proposed in the Academic Council as per the guidelines of Ministry of Youth Affairs and Sports, Government of India.

**c) Courses offered in modular form:** Semester system is followed in Campus courses. Credit Based Semester System is in process.

**d) Credit accumulation and transfer facility:** Credit Based Semester System is being adopted by the University; it is in process and will cater to the credit accumulation and transfer facility.

**e) Lateral and Vertical mobility within and across programmes, courses and disciplines:**

- B.Tech and B. Pharma offer lateral entry in second year.
- Four year integrated B.Ed. / M.Ed. has been introduced w.e.f. from current session

**1.2.3 Does the university have an explicit policy and strategy for attracting international students?**

The existing programmes in the university are available for international students as well.

**1.2.4. Have any courses been developed targeting international students? If so, how Successful have they been? If 'no', explain the impediments.**

The University has organized International Conference in association with University of Virginia. This is an initial step to open the doors to international students. The gradual response and feedback from this would help us initiate courses targeting international students.

**1.2.5 Does the university facilitate dual degree and twinning programmes? If yes, give details:** No

**1.2.6 Does the university offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?**

The University offers few self-financing programmes in the campus. The policies regarding admission, fee structure, faculty qualification etc. are at par with the aided programmes.

**LIST OF PROGRAM/COURSES OFFERED IN THE UNIVERSITY**

Sl.N	Programme	Admission Fee (Rs.)	Faculty Qualification Salary
1	M.Sc.in Biotechnology	PUCAT 50,000	As per eligibility criteria of regular faculty/ UGC scale Rs. 30,000/- fixed/ month for (Contractual) Asst. Professor Rs. 42,000/- fixed/ month for (Contractual) Associate Professor Rs.400/- per lecture for Guest Faculty (max. Rs.20,000/-)
2	M.Sc.in Biochemistry	PUCAT	
3	M.Sc. in Microbiology	35,000	
4	M.Sc. in Environmental science		
5	MBA in Business Economics	UPSEE	
6	MBA in Financial Studies	PUCAT	
7	MBA in HRD	50,000	
8	Master of Business Administration		
9	MBA in e-Commerce		
10	MBA in Agri Business		
11	MA in Applied Psychology	PUCAT	
12	MA in Mass Communication	20,000	
13	Master in Computer Applications	UPSEE 60,000	
14	Master in Human Resource Development	PUCAT 30,000	
15	Bachelor of Pharmacy	UPSEE 60,000	
16	B.Tech in Mechanical Engineering	UPSEE 60,000	
17	B.Tech in Information Technology		
18	B.Tech in Electrical Engineering		
19	B.Tech in Electronics & Communication Engineering		
20	B.Tech in Electronics & Instrumentation Engineering.		
21	B.Tech in Computer Science & Engineering		

Purvanchal University Common Admission Test (PUCAT), Uttar Pradesh State Entrance Examination (UPSEE) (few of the above programmes are partly self finance, list to be submitted before peer team)

**1.2.7 Does the university provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to**

**choose and combine the courses they are interested in? If ‘yes’, give operational details.**

The academic programmes in the University Teaching Departments are offered on conventional face-to-face mode. The University has a center of IGNOU (Study Centre, 2745) which offers through distance mode of education to the students. The operation of the center is as per the guidelines of IGNOU. Courses Offered at the Centre are-

**\*Bachelor’s Programme**

- Bachelor of Commerce (BCom)
- Bachelor of Arts (BA)
- Bachelors Preparatory Programme (BPP)
- Bachelor of Commerce (BCom) - Finance and Taxation

**\*Master’s Programme**

- Master of Arts - Hindi (MHD)
- Master of Arts - Political Science (MPS)
- Master of Arts - Sociology (MSO)
- Master of Business Administration (MBA)
- Master of Arts - Public Administration (MPA)
- Master of Arts - Rural Development (MARD)
- Master of Commerce (MCom)
- Master of Arts - English (MEG)
- Master of Arts - History (MAH)
- Master Of Science in Counseling and Familytherapy(MSCCFT)

**\*PG Diploma**

- Postgraduate Diploma in Operations Management (PGDOM)
- Postgraduate Diploma in Disaster Management (PGDDM)
- Postgraduate Diploma in Financial Management (PGDFM)
- Postgraduate Diploma in Rural Development (PGDRD)
- Postgraduate Diploma in International Business Operation (PGDIBO)
- Postgraduate Diploma in Journalism and Mass Communication (PGJMC)
- Postgraduate Diploma in Marketing Management (PGDMM)
- Postgraduate Diploma in Human Resource Management (PGDHRM)

**\*Certificate Programmes in**

- |   |  |
|---|--|
| -Disaster Management (CDM)              | -Rural Development (CRD)                 |
| -Environmental Studies (CES)            | -Water Harvesting and Management (CWHM)  |
| -NGO Management (CNM)                   | -Human Rights (CHR)                      |
| -Business Skills (CBS)                  | -Guidance (CIG)                          |
| -Functional English (Basic Level) (CFE) | -Energy Technology and Management (CETM) |
| -HIV and Family Education (CAFE)        | -Tourism Studies (CTS)                   |

**1.2.8 Has the university adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university to encourage the introduction of CBCS in its affiliated colleges?**

To provide its students more choice in selecting courses and adhering to UGC guidelines the University is moving forward to introduce CBCS in phased manner. Process to adopt CBCS in professional courses in campus is in progress.

**1.2.9 What percentage of programmes offered by the university follows:**

- **Annual system in Campus :** 0%
- **Semester system in Campus:** PG and UG courses:100%
- **Annual system in Colleges:** UG courses: All courses, except BBA, BCA, BDS, PG courses:All courses
- **Semester system in Colleges:** UG courses: BBA, BCA, BDS, LLB, B. Sc. Nursing Science, BAMS, BUMS
- **Trimester system:** No

**1.2.10 How does the university promote inter-disciplinary programmes? Name a few programmes and comment on their outcome.**

The University promotes multidisciplinary collaboration across Departments and Faculty. Interdisciplinary natures of programmes involve faculty and students from different departments come together as per need of the course and pedagogy.

- Faculty from different Management Departments teach to students in First semester of all Management Departments.
- Faculty from Department of Biotechnology takes specialized classes in Microbiology.
- Practical work of Bioinformatics course in Department of Biotechnology, Microbiology, and Biochemistry is conducted in the lab of Department of Engineering.
- Faculty from Management Studies and Social Sciences takes care of the courses of Industrial Psychology, Engineering and Manegerial Economics, and Industrial Management in the B. Tech. programme.
- B. Tech. programmes in 06 disciplines have devised interdisciplinary subjects spanned over various semesters of the programme

### **1.3 CURRICULUM ENRICHMENT**

**1.3.1 How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented/ knowledge intensive and meeting the emerging needs of students and other stakeholders?**

The review of course curriculum is undertaken annually. Change in curriculum goes through review mechanism, which consists of Board of Studies and Academic Council. To make students competitive and increase employability, effort is made to the development in knowledge and skill.

Step 1: Feedback on the curriculum from the faculty, students and views of corporate and alumni collected through interaction during different activities such as Industry Institute Interface, workshop, special lecture, alumni meet, etc. is included during the Board of Studies meeting. The area expert in the meeting identifies the necessary changes that are socially relevant and job oriented. During revision the obsolescence is removed and new direction is given as per the emerging needs. The modifications are made keeping in view the guidelines of regulatory authorities of concerned courses.

Step 2: The recommendations of Board of Studies are forwarded to the Dean of the Faculty.

Step3: The recommendations are put before the Academic Council, which comprises of Deans of all Faculties, Head of Departments, and senior faculty members, Principals of Colleges, external experts and the Vice-Chancellor as the Chairperson, for the approval of the changes.

Step 4: University is in process of adopting Choice Based Semester System to cater to the needs of stakeholders.

**1.3.2 During the last four years, how many new programmes at UG and PG levels were introduced? Give details.**

To address the need of professional education in the region, four new programmes at UG level and one at PG level were introduced. The courses are BEd., MEd. as two year semester based course as per the new recommendations of NCTE, B.Sc. Nursing, BAMS , BUMS, and MDS. Introduction of new courses have to pass through various stages. Initial approval by the Academic Council on the proposal to develop new course is followed by development of curriculum by expert committee. The curriculum is then recommended by Board of Studies, and sent to Academic Council. The final approval to introduce the new course is given by the Chancellor, Governor of Uttar Pradesh.

**1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?**

A systematic process is followed for revision of the programmes. Feedback on curriculum from the faculty, students and views of corporate and alumni collected through interaction in different activities such as Industry Institute Interface, workshop, special lecture, alumni meet, etc. are discussed during the Board of Studies meeting. The recommendations of Board of Studies are forwarded by Dean of the faculty and are presented before the Academic Council for approval.

The curriculum is periodically revised to incorporate the change in knowledge and employability requirements as per the job market. Minor revisions are done every year in the Board of Studies and major revisions are done in a specific timeframe. The approximate changes in syllabi range from 10 per cent to 30 per cent depending on the need to include contemporary issues.

**1.3.4 What are the value-added courses offered by the university and how does the University ensure that all the students have access to them?**

The academic courses in the University, especially offered in the campus are professional courses, structured with an orientation to develop knowledge and skill related to the profession.

Departments conduct workshops and special lectures on Soft skill development, Communication, Environmental Education, Computer Applications, Research Methodology, and Personality Development. Courses are mandatory and are part of curriculum adding value to the programme. Courses like BEd., MEd. are as two year semester based course as per the new recommendations of NCTE. Others include B.Sc. Nursing, BAMS, BUMS, MDS, BCA, MCA, BBA, MBA, etc. The University runs IGNOU courses open to all students based on minimum eligibility in UG, PG, and Diploma.

**1.3.5 Has the university introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?**

The University offers courses like Masters in Computer Applications and Mass Communication. Four departments under Faculty of Vocational Studies in Food Technology; Applied Management Sciences; Art, Craft, and Culture; Computer and Multimedia are in the process of getting approval for introduction in the session 2016-17.

**1.4 FEEDBACK SYSTEM**

**1.4.1 Does the university have a formal mechanism to obtain feedback from students regarding curriculum and how is it made use of?**

The feedback from the students on course content and teaching methodology is taken by the Department periodically. For this purpose a standardized format is used.

**1.4.2 Does the university elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.**

The revision is done through the statutory bodies of the University and eminent academicians from national institutes of repute. Members in these bodies discuss on enrichment of the course content where in the suggestions made by the students, alumni, and corporate are included. Discussions during national and international conferences, special lectures and talks also provide guidelines for updating the curriculum as per the regional, national and international requirement. These methods help in increasing the learning outcomes and employability.

#### **1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.**

Board of Studies, Academic Council and Executive Council have representatives from the affiliated institutions, their members contribute enormously towards the curriculum design by giving feedback.

#### **1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the university in ensuring the effective development of the curricula?**

The university is conscious about quality sustenance and quality enhancement. The following measures have been taken to ensure effective development of curricula:

- Course curricula are regularly assessed by analyzing feedback from faculty and students.
- Regular meetings of Board of Studies and Academic Councils aim at developing need –based curricula.
- Curriculum changes are in tune with norms and standards recommended by the UGC/AICTE/PCI/UPSEE/NCTE.
- Mandatory presence of external members (experts) in research degree committees, board of studies and academic council ensures quality enhancement.
- Semester system of exams has been introduced in all the courses.
- To facilitate continuous evaluation and involvement of students in learning process, internal assessment system has been implemented in the departments. It constitutes of tutorials, tests, presentations, assignments and regularity of attendance.
- Sessional exams are conducted during each semester to keep track of quality in teaching, learning, and feedback.
- To promote quality of research, the revised norms of UGC are implemented in selection of guides, research scholars and course work.



- The university emphasizes information accessibility to its faculties and students. For this purpose internet facility is available in all the academic buildings and hostels in the campus.
- University has a rich central library and it is being digitalized.
- Accesses to e-journals, inflibnet, UGC-e-pathshala are some measures that add diversity to the resources available for enrichment and quality learning.
- Book Bank facility provides text books to the students for a complete semester through a single issueance.

## CRITERION: II

### TEACHING- LEARNING AND EVALUATION

#### 2.1 STUDENT ENROLMENT AND PROFILE

##### 2.1.1 How does the university ensure publicity and transparency in the admission process?

The university ensures wide publicity for admission to its courses of study by:

- Advertising admission related information in regional/national newspaper, displaying on University web-site <http://www.vbspu.ac.in> and fixing posters on the notice boards of various colleges in the region for campus courses. The colleges also display their admission related information on their websites, news papers and notice boards.
- Admission brochure is available on-line in the University web-site, as well as in hard copy that can be obtained from the Admission Cell in the University/ Colleges.
- The prospectus provides information for the courses in Departments, fees, eligibility criteria, intake, mode of admission, provisions of lateral entry in Pharmacy and B.Tech, and important dates related to application submission, entrance test, result declaration, and counseling, admission and commencement of classes etc.

The University ensures transparency in the admission process by the following ways:

- Admission Committee of the University with Vice-Chancellor as Chairperson and members comprising of Principals, Deans of Faculty and representatives from various categories functions as center for planning, implementing and controlling admission process in all the colleges and University campus.
- The steps in admission process and other information are well outlined in the brochure posted in the web-site and available in hard copy for campus courses in the University. In colleges the information is laid down in their we-sites and notice board.
- For admissions through joint entrance tests like UPSEE for B.Tech, Pharmacy, MBA are mentioned in the brochure.

- Reservation policy and eligibility for different categories are given as per UP Government norms.
- The entrance result and merit is declared on-line along with weightage before counseling.
- On-line counseling facility with real time display of vacant seat available is applicable in B.Ed, B.Tech and MBA counseling.
- Any query /complaint is attended promptly and on spot.

**2.1.2 Explain in detail the process of admission put in place by the university. List the criteria for admission: (e.g.:(i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies, (v) other criteria followed by the university (please specify).**

The admission process involves the following steps:

- a. Students are admitted in various UG courses (Pharmacy and Engineering through UPSEE conducted by APTU) and PG courses (Management and MCA through UPSEE conducted by APTU) and other courses such as Science and Applied Social Sciences through PUCAT. The University also provisioned for lateral entry in various courses.
- b. Call for applications by the University via multiple advertisements in National news papers, poster and the University web site.
- c. Submission of filled application form along with draft of application fee
- d. Scrutiny of application form, preparing of data sheet, and dispatch of admit card with roll number allotted for entrance along with display on the University web-site.
- e. Question paper setting and answer key preparation for entrance in some of the courses.
- f. Conducting entrance exam (objective type).
- g. Correction of answer sheets, preparation of merit, declaration of complete result with scores on web-site, along with the merit list.
- h. Admitting students by counseling.

The criterion for admission varies for different courses in the University.

<b>Faculty of Science</b>	
<b>Course</b>	<b>Eligibility</b>
<b>M.Sc. (Biotechnology)</b>	4 semesters, 20 seats, Admission through Purvanchal University Combined Admission Test (PUCAT), graduate in bio group with minimum 50% marks is eligible, and a gap of more than two years is not allowed, Fee-Rs.25,000 per semester
<b>M.Sc. (Microbiology), M.Sc. (Biochemistry) &amp; M.Sc. (Environmental Sciences)</b>	(4 semesters),20 seats in each course, Admission through PUCAT, graduate in science with minimum 50% marks is eligible, chemistry is essential at graduate level for admission in Biochemistry, Fee-Rs.17,500 per semester
<b>Faculty of Management Studies</b>	
<b>M.B.A.,M.B.A.(HRD), M.B.A. (Finance &amp; Control), M.B.A.(Business Economics),</b>	4 semesters, 60 seats in each course graduate in any discipline with minimum 45% marks is eligible, Admission through UPSEE , Fee-Rs.25,000 per semester
<b>M.B.A.(Agri-Business), M.B.A.(E-Commerce)</b>	4 semesters, 30 seats in each course, graduate in any discipline with minimum 45% marks is eligible. Admission through UPSEE, Fee-Rs.25,000 per semester
<b>Masters in HRD (MHRD)</b>	4 semesters, 30 seats, graduate in any discipline with minimum 45% marks is eligible., Admission through PUCAT , Fee-Rs.15,000 per semester
<b>Faculty of Engineering &amp; Technology</b>	
<b>B.Tech in Electronics &amp; Communication Engineering, B.Tech in Electrical Engineering, B.Tech in Computer Sciences &amp; Engineering, B.Tech in Information Technology, B.Tech in Mechanical Engineering, B.Tech in Electronics &amp; Instrumentation Engineering</b>	8 semesters, , 60 seats in each course, 10+2 / Intermediate/ Higher Secondary or equivalent examination with science subjects (PCM group) and minimum 45% of marks in aggregate Admission through UPSEE, Fee-Rs.60,000 per annum. <b>Lateral Entry:</b> Candidates who have passed Polytechnic Diploma/ B.Sc. in First Division from recognized institution may apply for direct admission to 2 <sup>nd</sup> year (IIIrd semester) of B.Tech Course.
<b>MCA</b>	6 semesters, 60 seats Graduate in any discipline with 45% in mathematics at intermediate level / PGDCA/BCA, Admission through UPSEE, Fee-Rs.60,000 per annum
<b>Faculty of Applied Social Sciences</b>	
<b>M.A. (Applied Psychology), M.A. ( Mass Communication):</b>	4 semesters, 30 seats in each course, graduate in any discipline with minimum 45% marks is eligible. Admission through PUCAT, Fee-Rs.10,000 per semester

<b>Faculty of Medicine</b>	
<b>B.Pharm</b> (8 semesters/ four year), 10+2 / Intermediate/ Higher Secondary or equivalent examination with science subjects (Biology and/or Mathematics) and minimum 45% of marks in aggregate in PCM/PCB group	8 semesters, 60 seats, 10+2 / Intermediate/ Higher Secondary or equivalent examination with science subjects (Biology and/or Mathematics) and minimum 45% of marks in aggregate in PCM/PCB group, Admission through UPSEE, Fee-Rs.60,000 per annum <b>Lateral Entry:</b> Candidates who have passed D.Pharm in First Division from PCI recognized institution may apply for direct admission to 2 <sup>nd</sup> year (IIIrd semester) B.Pharm Course.

**2.1.3 Provide details of admission process in the affiliated colleges and the university's role in monitoring the same.**

There are 693 colleges affiliated to the University. The colleges are broadly categorized into Government, Aided Colleges, and Self Financing Colleges. Admission committee constituted at the University level comprises of Vice-Chancellor as Chairperson and Principals, Deans of Faculty and representatives from various categories as members. They functions as center for planning, implementing and controlling admission process in all these colleges. The colleges are required to follow the rules / regulations of the Government, University and guidelines issued by the Admission committee from time to time.

For UG and PG Program: Admissions are based on Common Entrance Test / merit depending on the programme. The colleges flash advertisement in news papers, and website of the college. The criterion for admission and related decisions are taken by the Admission Committee. The merit is prepared on the basis of scores in the entrance examination and fulfillment of eligibility conditions followed by counseling.

Admissions to B.Ed course is conducted through State level entrance test, candidates are admitted to M.Ed., B.P.Ed. Courses by the University level entrance test.

The Admission Committee monitors' the admission process, lays down the norms and addresses the grievances related to it. University has B. Ed.Cell to regulate the admission process and conduct entrance examination of courses like B. Ed., M. Ed. and B. P. Ed.

**2.1.4 Does the university have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?**

Admission Committee is a statutory body which formulates the policies and criteria regarding admission and reviews the same from time to time in its periodic meetings.

The admission criteria for the program are provisioned in the ordinance prepared by the Board of Studies. The decisions and issues regarding admission are taken by the committee. The admission process is reviewed periodically based upon the past year's experience and feedback. The recommendations of the committee are further deliberated in the Academic council before taking any policy decisions. It is a continuous process and has significantly contributed in improvement of the system.

### **2.1.5 What are the strategies adopted to increase/ improve access for students belonging to the different categories?**

The University has initiated many steps for the benefit of differently-abled students. SC/ST Cell, Remedial Cell, and Women Cell constituted in the University take various initiatives for overall development of such students. The strategies adopted to increase/ improve access for students belonging to different categories in the campus courses are as follows:

- **SC/ST, OBC and Economically weaker sections:** The University strictly adheres to reservation policy laid out by the Central and State Government. Fee reimbursement policy of the State government is strictly adhered and implemented by the University encouraging them for higher and professional education. Minimum eligibility criteria are relaxed for students admitted under the SC and ST quota. Cost for application forms etc. are also subsidized for such students.
- **Women:** The University takes care to provide equal opportunities to women students and provide them a safe environment for holistic growth. Two girls hostel accommodate students from rural and far places. Bus facility is provided by the University for girls students to move to city.
- **Persons with varied disabilities:** Reservation in the department as per Government regulations are followed. Ramps are in to be constructed at the entrance of buildings to facilitate their movement.
- **Economically weaker section: Tuition Fee** is reimbursed from the Department Social Welfare, UP Government through the University.
- **Sports:** Sports is an essential activity of the University. The University organizes events at college, state and national level. It has a well equipped infrastructure, expert team

of coach and staff to facilitate the events and provide practice and guidance to the students on a regular basis followed through sports an annual sports calendar.

▪ **Outstanding achievers in sports and other extracurricular activities:**

**All India Inter University competition (eastern Region) events organized by All India University Association, New Delhi Hosted by VBS Purvanchal University, Jaunpur**

Session	Event Hosted
2011-12	Inter University (eastern region) Basket Ball- Female; Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; All India Inter University Hockey-Female
2012-13	Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Hockey- Male ; All India Inter University Hockey-Male
2013-14	Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Kabbaddi- Male; Inter University (eastern region) Kho-Kho- Male; Inter University (eastern region) Kho-Kho- Female; All India Inter University Cricket-Female
2014-15	Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Hand Ball- Male; Inter University (eastern region) Hand Ball- Female; All India Inter University Hockey-Feamle; All India Inter University Cricket-Male
2015-16	Inter University (eastern region) Hand Ball-Male; All India Inter University Hand Ball –Male; Inter University (eastern region) Hand Ball-Female; All India Inter University Hand Ball – Female; All India Inter University Criket- Female; Inter University (eastern region) Cricket-Male; Inter University (eastern region) Cricket Female; Inter University (eastern region) Boly ball–Female; Inter University (eastern region) Kabaddy- Male; Inter University (eastern region) Hockey-Male; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Badminton Male and Female; Inter University (eastern region) Tennis-Female; Inter University (eastern region) Kho-Kho-Female.

**Inter Collegiate events organized by the University for affiliating Colleges**

Session	Event Hosted
2011-12	Basket Ball, Archery, Boxing, Judo, Lawn Tennis (male), Lawn Tennis (Female), Wrestling (male), Wrestling (female), Athlete (male), athlete (female), Sword competition, fancing, Taekwondo (male), Taekwondo (female),
2012-13	Basket Ball, Football (male), Judo, Lawn Tennis (male), Lawn Tennis, Wrestling (female), Athlete (male), Hockey (female), fancing, Shooting
2013-14	Lawn Tennis (male), handball (female), Shooting, Cricket (male), Cricket (female), Basketball (male), Wrestling (male), Wrestling (female), Boxing, Hockey (female), fancing, Weight lifting (male), Weight lifting (male)
2014-15	Handball ( male), Handball (female), Shooting, Cricket (male), Basketball (male), Basketball (female), Wrestling (male), Wrestling (female), Boxing, Hockey (female), fancing, Weight lifting (male), Weight lifting (male)

**Achievements (Individual Round) in Eastern Region and All India Inter University events**

Session	S N	Name of Individual	College Name	Events	Medal/ Position
2011-12	1	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve 90 mtr)	Gold
	2	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve 50 mtr)	Gold

	3	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve Indian O. round)	Gold
	4	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve 30 mtr)	Gold
	5	Harvendra Singh Dangar	TD PG College, Jaunpur	Hammer throw (with new record)	Gold
	6	Aarti Maurya	TD PG College, Jaunpur	Javelin throw	Silver
	7	Rekha Patel	Raja Harpal Singh PG College, Jaunpur	Athletic (5000 mtr)	Silver
	8	Jagveer	Raja Harpal Singh PG College, Jaunpur	Shotput	Bronze
	9	Sonam	Raja Harpal Singh PG College, Jaunpur	Hammer throw	Bronze
	10	Vikas Kumar Singh	Raja Harpal Singh PG College, Jaunpur	Janvelin throw	Bronze
	11	Yadvendra Yadav	TD PG College, Jaunpur	Triple jump	4 <sup>th</sup> Position
	12	Rajesh Pandey	TD PG College, Jaunpur	High Jump	5 <sup>th</sup> position
	13	Mamta Rai	TD PG College, Jaunpur	Athletic (1000 mtr)	5 <sup>th</sup> position
	14	Chandra Bhusan Yadav	Sant Lakhnan das College, Ghazipur	Wrestling (74 Kg)	5 <sup>th</sup> position

Sessi on	S N	Name of Individual	College Name	Events	Medal/ Position
2012 -13	1	Avinash Kumar	Hindu PG College, Ghazipur	Archery	Gold
	2	Rajendra Bind	Handia PG Collge, Allhabad	Athletic (5000 mtr)	Gold
	3	Kailash Nath Yadav	TD PG College, Jaunpur	Athletic (15000 mtr)	
	4	Rajendra Bind	Handia PG Collge, Allhabad	Athletic (1000 mtr)	Gold
	5	Arjun Yadav	Rajdeo Krishak College, Azamgarh	Wrestling (60 Kg)	Gold
	6	Munna Yadav	Baba Ramtahal Das College, Azamgarh	Wrestling (66 Kg)	Silver
	7	Daya Shankar Patel	PG Collge, Ghazipur	Athletic (walk)	Bronze
	8	Ravindra Kumar	TD PG College, Jaunpur	Athletic (1000 mtr)	4 <sup>th</sup> position
	9	Avdhesh Kumar	SHDCL, Jaunpur	Javelin throw	4 <sup>th</sup> position
	10	Virendra Kumar	TD PG College,	Javelin throw	5 <sup>th</sup> position
	11	Ashok Yadav	Rajdeo Krishak College, Azamgarh	Wrestling (55 Kg)	5 <sup>th</sup> position
	12	Chandni Sachdeva	Suryabali College, Jaunpur	Wrestling (72 Kg)	5 <sup>th</sup> position
	13	Rajendra Bind	Handia PG Collge, Allhabad	Crosscountry	6 <sup>th</sup> position

Sessi on	S N	Name of Individual	College Name	Events	Medal/ Position
2013 -14	1	Deepak Yadav	TD PG College, Jaunpur	Weight Lifting (85 Kg)	Gold
	2	Sumit Makariya	PG Collge, Ghazipur	Gymnastic	Bronze
	3	Virendra Pal	Handia PG College, Allhabad	Athletic (1000 mtr)	Bronze
	4	Ravi Lathar	Md. Hassan PG College, Jaunpur	Boxing (91 Kg)	Bronze
	5	Arjun Yadav	Rajdeo Krishak College, Azamgarh	Wrestling (66 Kg)	Bronze
	6	Dharmveer Yadv	Suryabali College, Jaunpur	Wrestling (60 Kg)	Bronze
	7	Neeraj Yadav	Suryabali College, Jaunpur	Wrestling (55 Kg)	5 <sup>th</sup> position
	8	Shushama Yadav	Ramraji College, Azamgarh	Wrestling (51 Kg)	5 <sup>th</sup> position
	9	Heena Yadav	Ramraji College, Azamgarh	Wrestling (55 Kg)	5 <sup>th</sup> position
	10	Shalu Yadav	Kisan PG College, Ghazipur	Wrestling (67 Kg)	6 <sup>th</sup> position

Sessi on	S N	Name of Individual	College Name	Events	Medal/ Position
2014	1	Bharat Bhusan	Sant Lakhnan Das College,	Weight Lifting (62 Kg)	Gold



<b>-15</b>		Tiwari	Ghazipur		
	2	Virendra Kumar Pal	Handia PG College, Allahabad	Crosscountry	Gold
	3	Siddharth Verma	BBJDC, Azamgrh	Gymnastic	Gold
	4	Parul Chaudhary	PG College, Ghazipur	Staple chase	Gold
	5	Daya Shankar Patel	PG College, Ghazipur	20 Km walk	2 <sup>nd</sup> position
	6	Manoj Kumar Yadav	Sant Lakhn Das College, Ghazipur	Weight Lifting (95 Kg)	Bronze
	7	Saurabh Sharma	BBJDC, Azamgarh	Gymnastic	Bronze
	8	Subhas Yadav	Harishchandra College, Ghazipur	Judo	Bronze
	9	Shailesh Yadav	Harishchandra College, Ghazipur	Judo	Bronze
	10	Ajay Yadav	Suryabali College, Jaunpur	Judo	Bronze
	11	Anil Kumar Singh	Handia PG College, Allahabad	Crosscountry	6 <sup>th</sup> position

<b>Sessi on</b>	<b>S N</b>	<b>Name of Individual</b>	<b>College Name</b>	<b>Events</b>	<b>Medal/ Position</b>
<b>2015 -16</b>	1	Purnima pandey	Suryabali college, Jaunpur	Weight lifting	Silver medal
	2	Surya pratap yadav	Hindu P.G College, Gajipur	Archery	Silver medal
	3	Anees yadav	S.R.B.G.D.C, Gajipur	Archery	Silver medal
	4	Omkar rai	Hindu P.G College, Gajipur	Archery	Silver medal
	5	Pramod singh	S.B.N.A.D.C.B.N Gajipur	Archery	Silver medal
	6	Mulayam singh yadav	Raja harpal singh college, singramau ,jaunpur	Athletic (Hammer throw)	Silver medal
	7	Ajay yadav	D.A.V PG College, jaunpur	Judo	Silver medal
	8	Jyoti singh	Handiya PG College Allahabad	Athletic (half marathan)	Bronze
	9	Anil kumar singh	Handiya PG College Allahabad	Athletic (10000 mtr)	Bronze
	10	Sujeet yadav	D.D.C.V, Jaunpur	Wrestling	Bronze
	11	Ram janam Yadav	Kisan PG College, Gajipur	Wrestling	Bronze
	12	Ruby Yadav	Ramraji Devi college, Azamgardh	Wrestling	Bronze

### **Achievements (Team Round) in Eastern Region and All India Inter University events**

<b>Sessi on</b>	<b>S N</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2011 -12</b>	1	Hockey- Female	Eastern region Inter University competition	1 <sup>st</sup> position
	2	Hockey- Female	All India Inter University competition participation	1 <sup>st</sup> position
	3	Cricket- Female	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	4	Badminton- Male	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position
	5	Badminton- Female	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	6	Volleyball- Male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	7	Hockey- Male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	8	Basketball- Male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position

	9	Cricket- Male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	10	Basketball- Female	Eastern region Inter University competition All India inter University competition participation	4 <sup>th</sup> position

<b>Sessi on</b>	<b>S N</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2012 -13</b>	1	Hockey- Female	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	2	Cricket- Male	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	3	Wrestling- Male	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position
	4	Cricket- female	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position
	5	Hockey- Female	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position
	6	Handball- male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	7	Handball- Female	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	8	Volleyball- Male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	9	Basketball- Male	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	10	Badminton- Female	Eastern region Inter University competition All India inter University competition participation	4 <sup>th</sup> position

<b>Sessi on</b>	<b>S N</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2013 -14</b>	1	Cricket- Female	All India inter University competition	1 <sup>st</sup> position
	2	Hockey- Male	All India inter University competition	2 <sup>nd</sup> position
	3	Hockey- Female	Eastern region Inter University competition	1 <sup>st</sup> position
	4	Kho-kho- female	Eastern region Inter University competition	1 <sup>st</sup> position
	5	Kabaddi- Male	Eastern region Inter University competition	1 <sup>st</sup> position
	6	Kho-kho- Male	Eastern region Inter University competition	2 <sup>nd</sup> position
	7	Handball- Male	Eastern region Inter University competition	2 <sup>nd</sup> position
	8	Basketball- female	Eastern region Inter University competition	3 <sup>rd</sup> position

<b>Sessi on</b>	<b>S N</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2014 -15</b>	1	Cricket- Male	All India inter University competition participation	1 <sup>st</sup> position
	2	Cricket- Female	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	3	Hockey- Female	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	4	Volleyball- Female	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	5	Handball- male	Eastern region Inter University competition All India inter University competition participation	1 <sup>st</sup> position
	6	Hockey- Male	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position
	7	Volleyball- Male	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position
	8	Lawn Tennis- Female	Eastern region Inter University competition All India inter University competition participation	2 <sup>nd</sup> position

	9	Badminton- Male & Female	Eastern region Inter University competition All India inter University competition participation	3 <sup>rd</sup> position
	10	Kho-kho- Male	Eastern region Inter University competition All India inter University competition participation	4 <sup>th</sup> position
	11	Kho-kho- Female	Eastern region Inter University competition All India inter University competition participation	4 <sup>th</sup> position
	12	Handball- Female	Eastern region Inter University competition All India inter University competition participation	4 <sup>th</sup> position
	13	Basketball- male	Eastern region Inter University competition All India inter University competition participation	4 <sup>th</sup> position

Sessi on	S N	Event	Competition	Position
2015 -16	1	Hand ball- Male	Eastern region Inter University competition	1 <sup>st</sup> position
	2	Hand Ball-Male	All India inter University competition	1 <sup>st</sup> position
	3	Hand Ball - Female	Eastern region Inter University competition	1 <sup>st</sup> position
	4	Hand Ball - Female	All India inter University competition	2 <sup>nd</sup> position
	5	Handball- male	All India inter University competition	4 <sup>th</sup> position
	6	Cricket- Female	Eastern region Inter University competition	1 <sup>st</sup> position
	7	Cricket - Male	Eastern region Inter University competition	1 <sup>st</sup> position
	8	Cricket -Female	Eastern region Inter University competition	1 <sup>st</sup> position
	9	Bolly-Ball Female	Eastern region Inter University competition	1 <sup>st</sup> position
	10	Kabaddi- Male	Eastern region Inter University competition	2 <sup>nd</sup> position
	11	Hockey- Male	Eastern region Inter University competition	3 <sup>rd</sup> position
	12	Hockey- Female	Eastern region Inter University competition	3 <sup>rd</sup> position
	13	Bdmilton- Male and Female	Eastern region Inter University competition	3 <sup>rd</sup> position
		14	Kho-Kho-Female	Eastern region Inter University competition

The felicitation programme for medal winners at national level for the session 2015-16 was organized at the Hon'ble Chancellor's office in RAJBHAVAN, Lucknow, September 15, 2016. Hon'able Governor Sri Ram Naik Jee felicitated the winners of above events. The ceremony was unique in the sense that Hon'ble Governor gave the Awards to the University third times in a row.

- The University provides the following to the students who participate in interuniversity tournaments and secure positions

#### Team Competition/Sport

S. No.	Event/ Competition	Position	Sanctioned Amount in Rupees (For 2014-2015)
1	All India Inter University	first	Blazer cloth, monogram, gold medal and Rupees 8,000/-
2	All India Inter University	Second	Blazer cloth, monogram, gold medal and Rupees 7,000/-
3	All India Inter University	Third	Blazer cloth, monogram, gold medal and Rupees 6,000/-

#### Individual competition/Sport

S. No.	Event/ Competition	Position	Sanctioned Amount in Rupees (For 2014-2015)
1	All India Inter University	First	Blazer cloth, monogram, gold medal and Rupees 30,000/-
2	All India Inter University	Second	Blazer cloth, monogram, gold medal and Rupees 20,000/-
3	All India Inter University	Third	Blazer cloth, monogram, gold medal and Rupees 15,000/-
4	All India Inter University	Fourth	Blazer cloth, monogram, and Rupees 7,000/-
5	All India Inter University	Fifth	Blazer cloth, monogram, and Rupees 5,000/-
6	All India Inter University	Sixth	Blazer cloth, monogram, and Rupees 4,000/-

#### Team Competition/Sport

S. No.	Event/ Competition	Position	Sanctioned Amount in Rupees (For 2014-2015)
1	East Zone Inter University	First	Blazer cloth, monogram, and Rupees 3,500/-
2	East Zone Inter University	Second	Blazer cloth, monogram, and Rupees 2,200/-
3	East Zone Inter University	Third	Blazer cloth, monogram, and Rupees 2,200/-
4	East Zone Inter University	Fourth	Blazer cloth, monogram, and Rupees 2,200/-

▪ **Seat distribution criteria as per reservation**

Admission in a teaching department on the basis of sports achievement

- i. A student, who represents University in Zone or state team is directly admitted to B. A., B. Sc., B. Com. and B. Sc. (agriculture).
- ii. In post graduate course, a maximum of one seat is reserved for a student, who is a team member of state team or represented the University in All India inter university tournaments.

Remedial courses are also conducted for these students.

**2.1.6 Number of students admitted in university departments in the last four academic years:**

Department	Session							
	2013-2014		2014-2015		2015-2016		2016-2017	
	M	F	M	F	M	F	M	F
Biotechnology	10	7	12	5	10	9	12	8
Microbiology	5	15	11	9	9	11	9	11
Biochemistry	14	3	10	7	8	8	10	10
Environment Science	8	12	9	11	16	3	3	16
MMC	24	3	20	1	9	3	11	4
MAP	10	7	3	7	2	3	1	1
MBA	29	10	40	6	31	14	51	9
Agri Business	13	0	21	0	16	1	15	0
E-Commerce	10	1	3	0	2	0	3	1
HRD	12	12	15	14	10	14	13	11
MHRD	4	1	2	1	0	0	0	0
Business Economics	26	2	27	1	10	4	10	1
Finance & Control	13	4	28	4	15	8	30	10
B.Pharm	32	14	33	18	33	20	44	16
EE	45	6	54	6	31	4	16	2
EIE	25	8	25	3	16	1	1	0
CS	39	6	43	11	36	8	36	13
IT	16	15	13	5	21	3	9	12
MCA	26	4	32	1	34	6	9	1
ME	56	4	52	8	56	1	51	2
EC	49	6	54	6	41	4	16	2

**2.1.7 Has the university conducted any analysis of demand ratio for the various programmes of the university departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase/ decrease.**

Admission to the courses in Faculty of Science, Social Science and Master in HRD is through Purvanchal University Common Admission Test (PUCAT) and to other courses such as engineering, Pharmacy, MCA and MBA is through Uttar Pradesh

State Entrance Examination (UPSEE). The table given below shows the details of students admitted to various courses in the session 2016-17.

Programme	No. of Applications	No. of Students admitted	Total Seats
<b>Faculty of Science</b>			
Biotechnology	107	20	20
Biochemistry	29	20	20
Microbiology	114	20	20
Environmental Sciences	10	18	20
<b>Faculty of Management Studies*</b>			
Business Economics	18	11	60
Finance & Control	48	40	60
Human Resource Development & MHRD	45 & 04	26 & 00	60 & 30
Business Administration	163	60	60
e-Commerce	01	04	60
Agri Business Management	16	15	
<b>Faculty of Applied Social Sciences</b>			
Applied Psychology	11	02	30
Mass Communication	26	15	30
<b>Faculty of Engineering &amp; Technology*</b>			
Computer Application	37	10	60
Mechanical Engineering	-	53	60
Information Technology	-	11	60
Electrical Engineering	-	48	60
Electronics & Communication Engg.	-	18	60
Electronics & Instrumentation Engg.	-	01	60
Computer Science & Engineering	-	50	60
<b>Faculty of Medicine*</b>			
Pharmacy	-	60	60

\*Number of applications received does not include applications for courses in which admission is through State level entrance tests/ counseling e.g. B.Tech. (ECE, ME, CE, Civil Engg.), B.Pharma., MCA and MBA. The seats remaining vacant in these courses are filled through PUCAT.

**2.1.8 Were any programmes discontinued/ staggered by the university in the last four years? If yes, please specify the reasons.**

None of the programme has been discontinued/ staggered by the University in the last four years.

**2.2 Catering to Student diversity**

**2.2.1 Does the university organize orientation/ induction programme for fresher? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.**

An orientation/ induction program is organized by the University for UG and PG students to make them aware on the objectives, policies and facilities available with

the departments. It is a day long activity organized after the admission of students. An eminent person from academia/industry/social figure is invited to address the students on the occasion and motivate them. Hon'ble Chancellor Mr Ram Naik, Governor UP; Prof. PC Patanjali (Former Vice Chancellor, VBSPU Jaunpur); Prof. Anuj Jain (Professor, MNIT, Allahabad); Prof. Prakash Singh (IIM, Lucknow) have graced the occasion earlier and addressed the students.

At the department level orientation of students is carried out to acquaint them with the activities of the department and expectations from them.

- The fresher are introduced to the faculty and staff.
- They are appraised by the timings, time-table, library, internet facilities, and evaluation system.
- They are informed about student welfare schemes such as scholarship, fee refund, etc.
- Information about annual calendar and department activities are displayed.
- They are particularly made aware of the anti-ragging rules, norms against harassment of women, hostel rules, other discipline issues etc.
- A visit to the Central Library is conducted to provide the new students awareness regarding the different type of reading and learning materials like books, journals, magazines, etc. and e-resources. They are also demonstrated the ways to access information from e-resources and other web based information sources. The students are accompanied by a faculty from the department.
- The fresher are addressed by the Head of the Department, at times speakers from industry are invited to speak on the opportunities and challenges in the field. This helps the students to develop a deeper faith in the new system and to adjust the new environment.

**2.2.2 Does the university have a mechanism through which the “differential requirements of the student population” are analyzed after admission and before commencement of classes? If so, how are the key issues identified and addressed?**

After admission of the students, in the introductory session the faculty members interact with the students that help in understanding and assessing their knowledge base and skills. The process of counseling also helps to assess the differential requirements of the students taking admission depending on the education background and interaction with them.

The key issues that have been identified most often are lack of communication skill, computer skills, self-confidence, and low quantitative aptitude. To address these

issues University has computer labs in all the faculties and it is part of the course in first semester. The departments organize personality development workshops/exercises time to time. The faculty also try to identify the academic level of the students and accordingly use different teaching methodologies to develop the students keeping in mind the individual differences in learning.

### 2.2.3 Does the university offer bridge/remedial/add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Various remedial courses are conducted free of cost by the University. Details of the courses offered and the time-table is given below:

**Time Table - 1  
Remedial Coaching  
(Period 16.03.2015 – 24.06.2015)**

SN	Course	Subject/Paper	Name of Teacher	Time	Starting Date
1.	B. Tech.	Mathematics -I	Dr. Raj Kumar & Dr. U R Prajapati	5-7 PM	29.04.2015
2.	B. Tech.	Mathematics - II	Dr. Raj Kumar & Dr. U. R.Prajapati	5-7 PM	16.03.2015
3.	B. Tech.	Mathematics - III	Dr. Raj Kumar, Dr. U. R.PrajapatiDr. M. K. Singh	5-7 PM	07.04.2015
4.	B. Tech.	Basic Electrical Engineering	Mr. RajnishBhaskar	7-9 AM	19.03.2015
5.	B. Tech.	CCP - I	Mr. Prashant Kumar	5-7 PM	23.03.2015
6.	B. Tech.	Engineering Mechanics	Mr. Deep Praksh Singh	5-7 PM	19.05.2015
7.	B. Tech.	Electronics Engineering	Mr. Tusar Srivastava	5-7 PM	27.05.2015
8.	B. Tech.	Manufacturing Process	Mrs. Aparna Singh Gaur	5-7 PM	14.05.2015
9.	B. Tech.	Engineering Chemistry	Dr.Amrendra Kr.Singh	5-7 PM	01.05.2015
10.	B. Tech.	Nano Science	Dr. Santosh Kumar	5-7 PM	17.04.2015
11.	B. Tech.	Physics -I	Dr. Santosh Kr. & Mr. Arun Kr. Srivastava	5-7 PM	05.06.2015
12.	B. Tech.	Physics -II	Dr. Santosh Kr. & Mr. Arun Kr. Srivastava	7-9 AM	28.04.2015
13.	B. Tech.	Operation Research	Dr. U. R.Prajapati	7-9 AM	01.06.2015
14.	B. Tech.	ECMC - I	Mr. Satyam Upadhyay	5-7 PM	07.04.2015
15.	B. Tech.	Power System Analysis	Mr. Satyam Upadhyay	5-7 PM	16.03.2015
16.	B. Tech.	PCA	Mr. Satyam Upadhyay	5-7 PM	05.05.2015
17.	B. Tech.	Human values & Professional Ethics	Dr.Sarita Singh	5-7 PM	28.04.2015
18.	B. Tech.	Industrial Sociology	Dr.Sarita Singh	5-7 PM	05.05.2015
19.	B. Tech.	Professional Communication	Dr.Sarita Singh	5-7 PM	16.05.2015
20.	B. Tech.	Remedial English (Class + Assignment)	Dr.Sarita Singh	7-9 AM	21.05.2015
21.	B. Tech.	Analog Digital Electronics	Dr.ShaileshPrajapati	7-9 AM	30.05.2015
22.	B. Tech.	Applied Thermodynamics	Mr. Deep Praksh Singh	5-7 PM	28.04.2015
23.	B. Tech.	Thermodynamics	Mr. Deep Prakash Singh	5-7 PM	27.05.2015
24.	B. Tech.	Strength of Materials	Mrs. Aparna Singh Gaur	5-7 PM	14.05.2015
25.	B. Tech.	Data Structure	Mr. Prashant Yadav	5-7 PM	23.04.2015
26.	M.Sc.(EVS)	Water Pollution	Dr.SudhirUpadhyay	7-9 AM	19.03.2015
27.	M.Sc.(EVS)	Soil Pollution Management	Dr.Vivek K. Pandey	7-9 AM	20.04.2015

28.	B. Tech.	Mobile Computing	Mrs. Alka Pandey	5-7 PM	16.04.2015
29.	B. Tech.	Integrated Circuit Technology	Mr. RiteshBaranwal	5-7 PM	16.04.2015
30.	B. Tech.	Wireless & Mobile Communication	Mr. RiteshBaranwal&Mr. Sudhir Singh	5-7 PM	16.04.2015
31.	B. Tech.	Basic system Analysis	Miss Huma Anwar, Mr. J.P. Lal, Mr. J. Sharma	5-7 PM	17.04.2015
32.	B. Tech.	Cryptography Network Security	Mr. Dilip Kr. Yadav	7-9 AM	17.04.2015
33.	B. Tech.	Electronics & Switching Theory	Mr. Shailesh Kr. Prajapati& Mr.Sudhir Singh	5-7 PM	17.04.2015
34.	B. Tech.	Non-Conventional Energy Resources	Mr. Dilip K Yadav	7-9 AM	17.04.2015
35.	B. Tech.	Artificial Intelligence	Mrs. Alka Pandey	7-9 AM	17.04.2015
36.	B. Tech.	High Voltage Engineering	Ms. Huma Anwar	5-7 PM	21.04.2015
37.	B. Tech.	Introduction to Biotechnology	Mr. Shailesh P &Sudhir	5-7 PM	22.04.2015
38.	B. Tech.	Microprocessor	Mr. Ajay Maurya& Mr. Shailesh Kr. Prajapati	5-7 AM	22.04.2015
39.	B. Tech.	CCP (Lab)	Mr. Dilip Yadav & Mr. Prashant Kr. Yadav	10-12.30 pm	22.04.2015
40.	B. Tech.	Fundamentals of IT	Mr. Ravi Yadav	7-9 AM	29.04.2015
41.	B. Tech.	Information Theory& Coding	Mr. Praveen Kr. Singh	5-7 PM	29.04.2015
42.	B. Tech.	Fundamentals of Computer Communication System	Mr. Ravi Yadav (Assignment)	5-7 PM	29.04.2015
43.	B. Tech.	Managerial Economics	Mr. Ajay Maurya	7-9 AM	01.05.2015
44.	B. Tech.	Immunology	Dr. Rishi Srivastava	5-7 PM	01.05.2015
45.	B. Tech.	Discrete Mathematical Structure	Mr. Ravi Yadav (Assignment)	5-7 PM	15.05.2015
46.	B. Tech.	Electronics Instrumentation & Measurement	Mr. Shailesh Kr. Prajapati (class + Assignment)	5-7 PM	18.05.2015
47.	B. Tech.	Optical Communication	Mr. Praveen Kr. Singh	7-9 AM	27.05.2015
48.	B. Tech.	Power Electronics	Miss Huma Anwar & Mr. Janmejay Sharma	7-9 AM	27.05.2015
49.	B.Pharma.	Organic Chemistry	Mr. Alok Dash	5-7 PM	27.05.2015
50.	B. Tech.	Control System	Mr. J. P. Lal	5-7 PM	28.05.2015
51.	B. Tech.	Electronic circuit system	Mr. RiteshBarnwal&Mr. Shailesh Kr. Prajapati	5-7 PM	29.05.2015
52.	B. Tech.	Communication Theory	Mr. Praveen K Singh	5-7 PM	29.05.2015
53.	B. Tech.	Communication System	Mr. RiteshBaranwal	5-7 PM	29.05.2015
54.	B. Tech.	Communication System	Mr. Praveen K Singh	5-7 PM	05.06.2015
55.	B. Tech.	Solid State Devices	Mr. Sudhir Singh	7-9 AM	29.05.2015
56.	B. Tech.	Fund. Of Electronic Devices	Mr. Vishal Yadav	7-9 AM	30.05.2015
57.	B. Tech.	Digital Signal Processing	Mr. Vishal Yadav	5-7 PM	30.05.2015
58.	B. Tech.	Advance Microprocessor	Mr. Ajay Maurya	7-9 AM	30.05.2015
59.	B. Tech.	Electrical Machine –I	Mr. Satyam Upadhyay	5-7 PM	04.06.2015
60.	B. Tech.	Signals Systems	Mr. Sudhir Singh	5-7 PM	05.06.2015
61.	B. Tech.	Digital Electronics	Mr. Shailesh Kr. Prajapati& Mr. Sudhir Singh	5-7 PM	05.06.2015
62.	B. Tech.	Distributed System	Mr. Prashant K yadav	5-7 PM	10.06.2015
63.	B. Tech.	Object Oriented System (Assign)	Mr. Prashant K yadav	7-9 AM	10.06.2015
64.	B. Tech.	Digital Communication	Mr. Praveen K Singh	5-7 PM	11.06.2015
65.	B. Tech.	Principles of Communication	Mr. Praveen K Singh	7-9 AM	11.06.2015
66.	B. Tech.	Telemetry Principles	Mr. Sudhir Singh	5-7 PM	12.06.2015



67.	B. Tech.	Communication Engineering	Mr. Praveen K Singh	5-7 PM	13.06.2015
68.	B. Tech.	Antenna & Wave Propagation	Mr. Ajay K Maurya	5-7 PM	18.06.2015
69.	B. Tech.	Microprocessor (Lab)	Mr. Ajay K Maurya	10.30-1.0PM	18.06.2015
70.	B. Tech.	EM Field Theory (Assignment)	Mr. Vishal Yadav	7-9 AM	19.06.2015
71.	B. Tech.	Engineering Drawing (Lab)	Mr. Pramod K Agrahari	10.30-1.0PM	19.06.2015
72.	B. Tech.	FNAS	Mr. J P Lal	5-7 PM	24.06.2015
73.	B. Tech.	Microwave & Measurement	Mr. Tusar Srivastava	5-7 PM	09.06.2015

**Time Table - 2**  
**Remedial Coaching**  
**(Period 21.09.2015 – 09.12.2015)**

Sl. No.	Course	Subject	Teacher	Time	Starting Date
1.	B. Tech.	Mathematics - I	Dr. Raj Kumar	7-9 AM	21.09.2015
2.	B. Tech.	CCP - I	Mr. Prashant Kumar	7-9 AM	21.09.2015
3.	B. Tech.	ECMC - II	Mr. Kamlesh Kumar	7-9 AM	07.10.2015
4.	M.Sc.(EVS)	Ecosystem Dynamics	Dr.SudhirUpadhyay	7-9 AM	30.10.2015
5.	B. Tech.	Professional Communication	Dr.Sarita Singh	4-6 PM	03.11.2015
6.	B. Tech.	Thermodynamics	Mrs. Aparna Singh Gaur	7-9 AM	10.11.2015
7.	B. Tech.	Mathematics - III	Dr. Raj Kumar, Dr. U.R. Prajapati&Dr.M.K. Singh	7-9 AM	11.10.2015
8.	B. Tech.	Electrical Engineering	Mr. RajnishBhaskar	7-9 AM	11.10.2015
9.	B. Tech.	Engineering Mechanics	Mr. Deep Prakash Singh	7-9 AM	11.10.2015
10.	B. Tech.	Engineering Chemistry	Dr.Amrendra Kr. Singh	4-5 PM	11.10.2015
11.	B. Pharma	Remedial Mathematics	Dr. U.R.Prajapati	4-6 PM	11.10.2015
12.	B. Tech.	Polymer Science & Tech.	Dr.Amrendra Kr.Singh	5-6 PM	11.10.2015
13.	B. Tech.	Manufacturing Process	Mr. Deep Prakash Singh	7-9 AM	18.11.2015
14.	B. Tech.	Physics - I	Dr. Santosh Kumar	4-6 PM	19.11.2015
15.	B. Tech.	Electronics Engineering	Mr. Praveen K Singh	4-6 PM	21.11.2015
16.	B. Pharma	Parma Prejudics& Ethics	Dr. A. K. Srivastava	7-9 AM	22.11.2015
17.	B. Pharma	Medicinal / org. Chemistry	Mr. Alok Kumar Dash	4-6 PM	22.11.2015
18.	B. Tech.	Operation Research	Dr. Raj Kumar	7-9 AM	23.11.2015
19.	B. Tech.	Design Analysis Algorithms	Mr. DilipYadav	5-6 PM	23.11.2015
20.	B. Tech.	Digital Logic Design	Dr.Shailesh Kr. Prajapati	7-8 AM	24.11.2015
21.	B. Tech.	Thermal Hydraulic Machine	Mr. Deep Prakash Singh	Assignm ent	24.11.2015
22.	B. Tech.	Strength of Materials	Mrs. Aparna Singh Gaur	7-9 AM	24.11.2015
23.	B. Tech.	Discrete Mathematical Structure	Dr. Manoj Kumar Singh	7-9 AM	24.11.2015
24.	M.Sc.(EVS)	Geoscience	Dr.SudhirUpadhyay	7-9 AM	24.11.2015
25.	M.Sc.(EVS)	Instrumentation	Dr.VivekPandey	4-6 PM	24.11.2015
26.	B. Tech.	Operating System	Mr. DilipYadav	4-5 PM	26.11.2015
27.	B. Tech.	Control System -I	Mr. Sudhir Singh	7-8 AM	27.11.2015
28.	B. Tech.	Industrial Instrumentation	Dr.Shailesh Kr Prajapati	Assignm ent	27.11.2015
29.	B. Tech.	E M Field Theory	Dr.ShaileshPrajapati	8-9 AM	27.11.2015
30.	B. Tech.	Integrated Circuits	Dr.ShaileshPrajapati	9-10 AM	27.11.2015
31.	B. Tech.	Digital Logic Design (Lab.)	Dr.ShaileshPrajapati	1-3 PM	27.11.2015
32.	B. Tech.	Control System -II	Mr. Sudhir Singh	8-9 AM	27.11.2015

**Time Table - 3**  
**Remedial Coaching**  
**(Period 28.01. 2016 – 04.02. 2016)**

Sl. No.	Course	Subject	Teacher	Time	Starting Date
1.	B.Pharma.	Pharmaceutical Analysis-I	Mr. Darmendra Singh	7-8 AM	28.01.2016
2.	B.Pharma.	Pharmaceutical Analysis-I	Mr. Darmendra Singh	8-9 AM	28.01.2016
3.	B. Pharma.	Pharmaceutical Technology	Mr. Vijay B.Maurya	7-8 AM	28.01.2016
4.	B. Pharma.	Community Pharmacy	Mr. Vijay B.Maurya	8-9 AM	28.01.2016
5.	B. Tech.	VLSI Design	Mrs. Priti Sharma	4-5 PM	28.01.2016
6.	B. Tech.	IC	Mrs. Priti Sharma	5-6 PM	28.01.2016
7.	B. Pharma.	Pharmacognocny-I	Mr. Vinay K. Verma	4-5 PM	28.01.2016
8.	B. Pharma.	Pharmacognosy-IV	Mr. Vinay K. Verma	5-6 PM	28.01.2016
9.	B. Pharma.	Pharmaceutics -I	Mr. Nirpendra Singh	4-5 PM	28.01.2016
10.	B. Pharma.	Bio-pharmaceutics	Mr. Nirpendra Singh	5-6 PM	28.01.2016
11.	B. Pharma.	Anatomy physiology & phys.	Mr. Surendra K Singh	4-6 PM	28.01.2016
12.	B. Tech.	Microprocessor (EC)	Mr. RiteshBaranwal	7-8 AM	28.01.2016
13.	B. Tech.	Microprocessor (EI)	Mr. RiteshBaranwal	8-9 AM	28.01.2016
14.	B. Tech.	Mathematics -I	Dr. Raj Kumar	7-8 AM	28.01.2016
15.	B. Tech.	DSM	Dr. Raj Kumar	8-9 AM	28.01.2016
16.	B. Tech.	Operation Research	Dr. Raj Kumar	9-10 AM	28.01.2016
17.	B. Tech.	Basic system analysis	Mr. J. P. Lal	4-5 PM	28.01.2016
18.	B. Tech.	Control System	Mr. J. P. Lal	5-6 PM	28.01.2016
19.	B. Tech.	EMEC -II	Mr. Kamlesh Bharti	7-8 AM	28.01.2016
20.	B. Tech.	Electric Drive	Mr. Kamlesh Bharti	8-9 AM	28.01.2016
21.	M.C.A.	Professional Communication	Dr.NoopurGoel	4-6 PM	28.01.2016
22.	B. Tech.	EIPC	Mr. Umesh Pandey	7-8 AM	28.01.2016
23.	B. Tech.	PSOC	Mr. Umesh Pandey	8-9 AM	28.01.2016
24.	B. Tech.	FNAS (EC)	Mr. Gulab Chand Yadav	4-5 PM	28.01.2016
25.	B. Tech.	Control System II	Mr. Gulab Chand Yadav	5-6 PM	28.01.2016
26.	B. Tech.	PSP	Miss. Jaya Shukla	4-5 PM	28.01.2016
27.	B. Tech.	FNAS	Miss. Jaya Shukla	5-6 PM	28.01.2016
28.	B. Tech.	EMMI	Mr. AvinashMaurya	4-6 PM	28.01.2016
29.	M.C.A.	Accounting of Fin. Mgmt.	Mr. Munindra Kr. Singh	4-5 PM	28.01.2016
30.	M.C.A.	Internet & Java Programming	Mr. Munindra Kr. Singh	5-6 PM	28.01.2016
31.	B. Tech.	Elements of Power System	Mr. Satyam Upadhyay	7-8 AM	28.01.2016
32.	B. Tech.	Switchgear Protection	Mr. Satyam Upadhyay	8-9 AM	28.01.2016
33.	B. Tech.	Operating System	Mr. Sanjeev Gangwar	4-5 PM	28.01.2016
34.	B. Tech.	Discrete Mathematics	Mr. Sanjeev Gangwar	5-6 PM	28.01.2016
35.	B. Pharma.	Physical Pharmacy	Mr. Ashish K Gupta	7-8 AM	28.01.2016
36.	B. Pharma.	Inorganic Pharmaceut. Chem.	Mr. Ashish K Gupta	8-9 AM	28.01.2016
37.	B. Pharma.	Organic Chemistry	Mr. Alok Kr. Dash	7-8 AM	28.01.2016
38.	B. Pharma.	Medicinal Chemistry	Mr. Alok Kr. Dash	8-9 AM	28.01.2016
39.	B. Pharma.	Biochemistry	Mrs. Jhansi Mishra	4-5 PM	28.01.2016
40.	B. Pharma.	Medicinal Chemistry	Mrs. Jhansi Mishra	5-6 PM	28.01.2016
41.	B. Tech.	Fluid Mechanics	Mr. Sudhir Singh	7-8 AM	28.01.2016
42.	B. Tech.	PowerPlant Instrumentation	Mr. Sudhir Singh	8-9 AM	28.01.2016
43.	B. Tech.	Data Comm. Network	Mr. Prabhat Shukla	4-6 PM	28.01.2016
44.	B. Tech.	Telemetry Principles	Mr. Vishal Yadav	4-5 PM	28.01.2016
45.	B. Tech.	Total Quality Management	Mr. Vishal Yadav	5-6 PM	28.01.2016
46.	B. Tech.	Control System -I	Mr. AtulPrajapati	7-8 AM	28.01.2016
47.	B. Tech.	EM Field Theory	Mr. AtulPrajapati	8-9 AM	28.01.2016
48.	B. Tech.	Industrial Instrumentation	Miss Poonam Sonkar	4-6 PM	28.01.2016
49.	B. Tech.	Graph Theory	Mr. Ashok K. Yadav	4-6 PM	28.01.2016
50.	B. Tech.	TAFL	Mr. JaychandVishwakarma	7-9 AM	28.01.2016
51.	B. Tech.	Quality Management (IT)	Mr. Shravan Yadav	7-8 AM	28.01.2016
52.	B. Tech.	Quality Management (CSE)	Mr. Shravan Yadav	8-9 AM	28.01.2016
53.	B. Tech.	Distributed System	Mr. Gyanendra Pal	4-6 PM	28.01.2016

54.	B. Tech.	Electronic Engineering	Mr. Tusar Srivastava	4-5 PM	28.01.2016
55.	B. Tech.	Principles of Communication	Mr. Tusar Srivastava	5-6 PM	28.01.2016
56.	B. Tech.	EM Field Theory (EC)	Mr. Praveen Kr. Singh	4-5 PM	28.01.2016
57.	B. Tech.	Analog Digital Electronics	Mr. Praveen Kr. Singh	5-6 PM	28.01.2016
58.	B. Tech.	Electronics Engineering (EE)	Miss. VartikaSarkari	4-5 PM	28.01.2016
59.	B. Tech.	OFC (EC)	Miss. VartikaSarkari	5-6 PM	28.01.2016
60.	B. Tech.	FED (EC)	Mr. Ajay K Maurya	4-5 PM	28.01.2016
61.	B. Tech.	FED (EI)	Mr. Ajay K Maurya	5-6 PM	28.01.2016
62.	B. Tech.	Digital Electronics (EC)	Dr.Shailesh Kr. Prajapati	7-8 AM	28.01.2016
63.	B. Tech.	Digital Electronics (EI)	Dr.Shailesh Kr. Prajapati	8-9 AM	28.01.2016
64.	B. Tech.	CNS	Mr. Dilip Yadav	7-8 AM	28.01.2016
65.	B. Tech.	DMW	Mr. Dilip Yadav	8-9 AM	28.01.2016
66.	B. Tech.	Operating System	Mr. AtifMahmood	7-8 AM	28.01.2016
67.	B. Tech.	Pattern Recognition	Mr. AtifMahmood	8-9 AM	28.01.2016
68.	B. Tech.	DMW (CSE & IT)	Mr. Sarnam Singh	7-8 AM	28.01.2016
69.	B. Tech.	ISCL (CSE & IT)	Mr. Sarnam Singh	8-9 AM	28.01.2016
70.	B. Tech.	DAA	Mr. Santosh Yadav	7-8 AM	28.01.2016
71.	B. Tech.	DATA Structure	Mr. Santosh Yadav	8-9 AM	28.01.2016
72.	B. Tech.	Object Oriented Technology	Mr. Shakil Ahmad Ansari	4-6 PM	28.01.2016
73.	B. Tech.	CCP	Mr. Prasant Yadav	7-9 AM	28.01.2016
74.	B. Tech.	ITIM (CSE)	Miss Dipty Pandey	4-5 PM	28.01.2016
75.	B. Tech.	ITIM (IT)	MissDipty Pandey	5-6 PM	28.01.2016
76.	B. Tech.	Computer Graphics (CSE)	Mr. BalbirKashyap	4-5 PM	28.01.2016
77.	B. Tech.	Computer Graphics (IT)	Mr. BalbirKashyap	5-6 PM	28.01.2016
78.	B. Tech.	CAD	Mr. Deep P Singh	7-8 AM	28.01.2016
79.	B. Tech.	Thermodynamics	Mr. Deep P Singh	8-9 AM	28.01.2016
80.	M.C.A	CCP	Dr. Saurabh Pal	4-6 PM	29.01.2016
81.	M.B.A. (HRD)	Managing Organizational conflicts &Stress	Dr.Avinash D.Pathardikar	7-9 AM	29.01.2016
82.	B. Tech.	Physics -I	Dr. Santosh Kumar	4-6 PM	29.01.2016
83.	MBA(HRD)	Career performance mgmt.	Dr.Rashikesh	4-6 PM	29.01.2016
84.	MBA(HRD)	HRM	Mr. Abhinav Srivastava	8-9 AM	29.01.2016
85.	MBA(HRD)	HRA	Mr. Abhinav Srivastava	9-10 AM	29.01.2016
86.	MBA(HRD)	Ethical Issues in Mgt.	Mr. Abhinav Srivastava	7-8 AM	29.01.2016
87.	B. Tech.	Antenna&wave propagation	Mr. Anand P. Singh	4-5 PM	29.01.2016
88.	B. Tech.	DMT	Mr. Anand P. Singh	5-6 PM	29.01.2016
89.	B. Pharma.	Pharmacology –IV	Mrs. Puja	7-8 AM	30.01.2016
90.	B. Pharma.	APP -III	Mrs. Puja	8-9 AM	30.01.2016
91.	MBA(HRD)	Training & Development	Dr.SangitaSahu	7-9 AM	31.01.2016
92.	B. Tech.	Heat & Mass Transfer	Mrs. Aparna Singh Gaur	7-8 AM	28.01.2016
93.	B. Tech.	Entrepreneurial Development	Mrs. Aparna Singh Gaur	8-9 AM	28.01.2016
94.	B. Tech.	Strength of materials	Mrs. Aparna Singh Gaur	9-10 AM	28.01.2016
95.	B. Tech.	Machine design –I	Mr. Awadhesh Kumar	4-5 PM	28.01.2016
96.	B. Tech.	Total Quality Management	Mr. Awadhesh Kumar	5-6 PM	28.01.2016
97.	B. Tech.	Fluid Mechanics	Mr. Awadhesh Kumar	Assign.	28.01.2016
98.	B. Tech.	Theory of Machine	Mr. Arvind Kumar	4-5 PM	28.01.2016
99.	B. Tech.	Automobile Engineering	Mr. Arvind Kumar	5-6 PM	28.01.2016
100.	B. Tech.	IC Engine	Mr. Pramod Kumar	4-5 PM	28.01.2016
101.	B. Tech.	Material Science	Mr. Pramod Kumar	5-6 PM	28.01.2016
102.	B. Tech.	Manufacturing Science	Mr. Pramod Kumar	Assinme nt	28.01.2016
103.	B. Tech.	Environment & Ecology	Dr.Amrendra Kr. Singh	4-6 PM	01.02.2016
104.	B. Tech.	TQM	Mr. Prashant Singh	7-8 AM	02.02.2016
105.	B. Tech.	Satellite Communication	Mr. Prashant Singh	8-9 AM	02.02.2016
106.	B. Tech.	Mathematics -III	Dr. U. R.Prajapati	7-9 AM	29.01.2016
107.	B. Pharma.	Pharmaceutics	Mr. Rajeev Kumar	7-8 AM	01.02.2016
108.	B. Pharma.	Pharmaceutics -II	Mr. Rajeev Kumar	8-9 AM	01.02.2016
109.	M.Sc.	Cell Biology	Dr. Ram Narayan	4-6 PM	28.01.2016

	(BioTech.)				
110.	M.Sc. (BioTech.)	Biochemistry	Dr.SumailaIqwal Siddiqui	7-8 AM	28.01.2016
111.	M.Sc. (BioTech.)	Cell Biology	Dr.SumailaIqwal Siddiqui	8-9 AM	28.01.2016
112.	M.Sc. (BioTech.)	Genetics & mol. Biology	Dr.SumailaIqwal Siddiqui	9-10 AM	28.01.2016
113.	M.Sc. (BioTech.)	Biophysics –IV paper	Dr. Pradeep Kumar	4-6 PM	28.01.2016

**Time Table – 4**  
**Remedial Coaching**  
**(Period 25.02.2016 – 20.04.2016)**

Sl. No.	Course	Subject	Teacher	Time	Starting Date
1.	B. Tech.	Mathematics - II	Dr. Raj Kumar	7-9 Am	25.02.2016
2.	B. Tech.	Multimedia Systems	Mr. Sanjeev Gangwar	4-6 PM	25.02.2016
3.	B. Tech.	Energy Management	Mr. RajnishBhaskar	7-9 AM	28.02.2016
4.	B. Tech.	Electrical Engineering	Mr. KamleshBhartiya	7-9 AM	28.02.2016
5.	B. Tech.	Special Electrical Machine	Mr. Satyam Upadhyay	7-9 AM	28.02.2016
6.	B. Tech.	Power Electronics	Mr. AvinashMaurya	4-6 AM	28.02.2016
7.	B. Tech.	Digital Electronics	Mr. Shailesh Kr. Prajapati	7-9 AM	28.02.2016
8.	B. Tech.	CCP	Mr. Atif Mahmood	7-9 AM	29.02.2016
9.	B. Tech.	Electronic Circuits	Miss. VartikaSarkari	4-6 PM	03.03.2016
10.	MSc. (EVS)	Water Pollution	Dr.SudhirUpadhyay	7-9 AM	16.03.2016
11.	B. Tech.	Mathematics - III	DR. U. R. Prajapati	7-9 AM	17.03.2016
12.	B. Tech.	Industrial Management	Mr. Vishal Yadav	4-6 PM	18.03.2016
13.	B. Tech.	Basic Electrical Lab	Miss Jaya Shukla	1-3 PM	29.03.2016
14.	B. Tech.	Engineering Mechanics	Mr. Rahul Singh	4-6 PM	31.03.2016
15.	B. Tech.	Electronics Engineering	Mr. Tusar Srivastava	4-6 PM	31.03.2016
16.	B. Tech.	Electro Magnet Field Theory	Mr.AtulPrajapati	4-6 PM	01.04.2016
17.	B. Tech.	Physics - II	Dr. Santosh Kumar	4-6 PM	02.04.2016
18.	B. Tech.	Optimal Control System	Mr. Umesh Pandey	7-9 AM	02.04.2016
19.	B. Tech.	EMAC	Mr. Gulab Ch. Maurya	4-6 PM	02.04.2016
20.	B. Tech.	Distributed Systems	Mr. JaychandVishwakarma	4-6 PM	02.04.2016
21.	B. Tech.	Machine Design –I	Mr. Pramod Kumar	4-6 PM	02.04.2016
22.	B. Tech.	Theory of Machine –I	Mr. Arvind Kumar	7-9 AM	02.04.2016
23.	B. Tech.	Engineering Chemistry	Dr.Amrendra Kr. Singh	4-6 PM	02.04.2016
24.	B. Tech.	Digital Electronics	Mr. RiteshBaranwal	7-9 AM	04.03.2016
25.	B. Tech.	Electrical Machine	Miss Jaya Shukla	4-5 PM	04.04.2016
26.	B. Tech.	PSP	Miss Jaya Shukla	5-6 PM	04.04.2016
27.	B. Tech.	Microprocessor	Mr. Ajay Maurya	4-6 PM	04.04.2016
28.	B. Tech.	Industrial Psychology	Miss. Vandana Singh	4-6 PM	04.04.2016
29.	B. Tech.	ECMC - II	Mr. Satyam Upadhyay	7-9 AM	07.04.2016
30.	B. Tech.	PSOC	Mr. UmeshPandey	8-9 AM	07.04.2016
31.	B. Pharma.	Clinical Pharmacy	Mr. Surendra K Singh	4-6 PM	08.04.2016
32.	MBA	Industrial Management	Dr.Alok Singh	7-9 AM	14.04.2016
33.	MBA	Industrial Management	Dr. Sushil K. Singh	7-9 AM	14.04.2016
34.	MSc. (EVS)	Air & Noise Pollution	Dr.SudhirUpadhyay	7-9 AM	15.04.2016
35.	B. Tech.	ISCL	Mr. Shakil Ahmad Ansari	4-6 PM	16.04.2016
36.	B. Tech.	Computer Graphics	Mr. BalbirKashyap	4-6 PM	18.04.2016

**Time Table – 5**  
**Remedial Coaching**  
**(Period 16.07.2016 – 21.07.2016)**

Sl. No.	Course	Subject	Teacher	Time	Starting Date
1.	B. Tech.	Mathematics - II	Dr. U. R.Prajapati	8-9 AM	16.07.2016
2.	B. Tech.	Mathematics - III	Dr. U. R.Prajapati	9-10 AM	16.07.2016
3.	B. Tech.	Electrical Engineering	Mr. KamleshBhartiya	9-10 AM	16.07.2016
4.	B. Tech.	Power Electronics	Mr. KamleshBhartiya	8-9 AM	16.07.2016
5.	B. Tech.	PPB	Mr. Deep Prakash Singh	9-10 AM	16.07.2016
6.	B. Tech.	Engineering Mechanics	Mr. Deep Prakash Singh	8-9 AM	16.07.2016
7.	B. Tech.	OR	Mr. Deep Prakash Singh	9-10 AM	16.07.2016
8.	B. Tech.	ECMC - I	Mr. Satyam Upadhyay	7-8 AM	16.07.2016
9.	B. Tech.	Special Electrical Machine	Mr. Satyam Upadhyay	8-9 AM	16.07.2016
10.	B. Tech.	Energy Efficiency Conservation	Mr. Gulab Chand Yadav	8-10 AM	16.07.2016
11.	B. Tech.	Microcontroller	Mr. ShaileshPrajapati	8-10 AM	16.07.2016
12.	B.Pharma.	Pharmaceut & Indust. Mgmt.	Prof. A.K. Srivastava	8-10 AM	16.07.2016
13.	B. Tech.	Physical Chemistry (Lab)	Prof. A.K. Srivastava	4-6 PM	16.07.2016
14.	B. Tech.	DSP	Mr. PrabhatShukla	7-8 AM	16.07.2016
15.	B. Tech.	EIM	Mr. PrabhatShukla	8-9 AM	16.07.2016
16.	B. Tech.	ESS	Mr. PrabhatShukla	9-10 AM	16.07.2016
17.	B. Tech.	Signals & Systems (EC)	Mr. Atul K. Prajapati	8-9 AM	16.07.2016
18.	B. Tech.	Signals & Systems (EI)	Mr. Atul K. Prajapati	9-10 AM	16.07.2016
19.	B. Tech.	Analytical Instrumentation	Mr. Sudhir Singh	8-10 AM	16.07.2016
20.	B. Tech.	ASD	Mrs. Preeti Sharma	8-9 AM	16.07.2016
21.	B. Tech.	CAO	Mrs. Preeti Sharma	9-10 AM	16.07.2016
22.	B. Tech.	EEEM	Mr. AvinashMaurya	8-9 AM	16.07.2016
23.	B. Tech.	PCA	Mr. AvinashMaurya	9-10 AM	16.07.2016
24.	B. Tech.	PSA	Mr. Umesh K Pandey	8-10 Am	16.07.2016
25.	B. Tech.	AI	Miss Jaya Shukla	8-10 AM	16.07.2016
26.	B. Tech.	Multimedia Systems	Mr. SanjeevGangwar	9-10 AM	16.07.2016
27.	B. Tech.	CO	Mr. SanjeevGangwar	8-9 AM	16.07.2016
28.	B. Tech.	Computer Organization	Mr. Ashok Kr. Yadav	8-9 AM	16.07.2016
29.	B. Tech.	Web Technology	Mr. Ashok Kr. Yadav	9-10 AM	16.07.2016
30.	B. Tech.	Computer Network	Mr. Shravan Kr. Yadav	8-9 Am	16.07.2016
31.	B. Tech.	Mobile Computing	Mr. Shravan Kr. Yadav	9-10 AM	16.07.2016
32.	B. Tech.	Environment & Ecology	Dr.Amrendra Kr. Singh	7-8 AM	16.07.2016
33.	B. Tech.	Polymer Science & Technol.	Dr.Amrendra Kr. Singh	8-9 AM	16.07.2016
34.	B. Tech.	Chemistry -II	Dr.AmrendraKr.Singh	9-10 AM	16.07.2016
35.	B. Tech.	Distributed Systems	Miss AnkitaSrivastava	9-10 Am	16.07.2016
36.	B. Tech.	SPM	Miss AnkitaSrivastava	5-6 PM	16.07.2016
37.	B. Tech.	Database Mgt. System	Mr. Dilip Kr. Yadav	4-5 PM	16.07.2016
38.	B. Tech.	Cryptography & Network Security	Mr. Dilip Kr. Yadav	5-6 PM	16.07.2016
39.	B. Tech.	SIW (IT)	Mr. Gyanendra Kr. Pal	4-5 Pm	16.07.2016
40.	B. Tech.	SIW (CSE)	Mr. Gyanendra Kr. Pal	5-6 PM	16.07.2016
41.	B. Tech.	Computer Network	Mr. Santosh Kr. Yadav	4-5 PM	16.07.2016
42.	B. Tech.	NCER	Mr. Santosh Kr. Yadav	5-6 PM	16.07.2016
43.	B. Tech.	Web Technology	Miss. Dipti Pandey	4-5 PM	16.07.2016
44.	B. Tech.	Software Testing	Miss. Dipti Pandey	9-10 AM	16.07.2016
45.	B. Tech.	ISCL (CSE) 6th sem.	Mr. Shakil Ahmad Ansari	7-8 AM	16.07.2016
46.	B. Tech.	AI (CSE) 8 <sup>th</sup> sem.	Mr. Shakil Ahmad Ansari	8-9 AM	16.07.2016
47.	B. Tech.	Mobile Computing	Mr. Prashant Kr. Yadav	9-10 AM	16.07.2016
48.	B. Tech.	TAFL	Mr. Prashant Kr. Yadav	8-9 AM	16.07.2016
49.	B.Pharma.	Physical Chemistry 2 <sup>nd</sup> sem.	Mr. Ashish K Gupta	5-6 PM	16.07.2016
50.	B. Tech.	Applied Thermodynamics	Mr. Pramod Kumar	4-5 PM	16.07.2016
51.	B. Tech.	POM	Mr. Pramod Kumar	5-6 PM	16.07.2016

52.	B. Tech.	MS –I	Mr. Arvind Kumar	4-5 PM	16.07.2016
53.	B. Tech.	MD –II	Mr. Arvind Kumar	4-5 PM	16.07.2016
54.	B. Tech.	TOM	Mr. Arvind Kumar	5-6 PM	16.07.2016
55.	B. Tech.	IM	Mr. Ajay Kumar Maurya	5-6 PM	16.07.2016
56.	B. Tech.	Microprocessor	Mr. Ajay Kumar Maurya	4-5 PM	16.07.2016
57.	B. Tech.	Wireless Communication	Mr. RiteshBaranwal	5-6 PM	16.07.2016
58.	B. Tech.	Digital Communication	Mr. RiteshBaranwal	7-8 AM	16.07.2016
59.	B. Tech.	DSP	Mr. Praveen Kr. Singh	4-5 PM	16.07.2016
60.	B. Tech.	IM (EC) 4 <sup>th</sup> sem.	Mr. TusarSrivastava	9-10 AM	16.07.2016
61.	B. Tech.	EIM (EI) 6 <sup>th</sup> sem.	Mr. TusarSrivastava	8-9 AM	16.07.2016
62.	B. Tech.	GT (CSE) 4 <sup>th</sup> 6 <sup>th</sup> sem.	Mr. AtifMahmood	8-9 AM	16.07.2016
63.	B. Tech.	CD (CSE) 6 <sup>th</sup> sem.	Mr. AtifMahmood	5-6 PM	16.07.2016
64.	B. Tech.	Enterprise Resource Planning	Mr. JaychandVishwakarma	7-8 AM	16.07.2016
65.	B. Tech.	DBMS	Mr. JaychandVishwakarma	8-9 AM	16.07.2016
66.	B. Tech.	Communication Engineering	Mr. AnandPrakash Singh	8-10 AM	16.07.2016
67.	B. Tech.	VHDL (EC) 8 <sup>th</sup> sem.	Mr. Vishal Yadav	4-5 PM	16.07.2016
68.	B. Tech.	TAS (EI) 4 <sup>th</sup> sem.	Mr. Vishal Yadav	5-6 PM	16.07.2016
69.	B. Tech.	Electronic Circuits	Miss. PoonamSonkar	4-5 PM	16.07.2016
70.	B. Tech.	BMI	Miss. PoonamSonkar	5-6 PM	16.07.2016
71.	B. Tech.	RAC	Mrs. Aparna Singh Gaur	7-8 AM	16.07.2016
72.	B. Tech.	NCER	Mrs. Aparna Singh Gaur	8-9 AM	16.07.2016
73.	B. Tech.	Micro wave	Miss. VartikaSarkari	4-5 PM	16.07.2016
74.	B. Tech.	Optoelectronics	Miss. VartikaSarkari	5-6 PM	16.07.2016
75.	B. Tech.	ICI	Miss. VartikaSarkari	Assignment	16.07.2016
76.	B. Tech.	Manufacturing process	Mr. Rahul Singh	4-5 PM	16.07.2016
77.	B. Tech.	RBE	Mr. Rahul Singh	5-6 PM	16.07.2016

### Current Status of Coaching

Three main sessions and two short sessions\* have been organised with following details:

Sl.	Session	Duration		No. of Subjects	No. of registered / Benefitted students	Details is given in
		From	To			
1	First	16-03-2015	24-06-2015	73	308	Time Table -1
2	Second	21-09-2015	09-12-2015	32	451	Time Table -2
3	<b>Third*</b>	28-01-2016	04-02-2016	113	575	Time Table -3
4	Fourth	25-02-2016	20-04-2016	37	686	Time Table -4
5	<b>Fifth*</b>	16-07-2016	21-07-2016	77	173	Time Table -5

\*These sessions were run to make up the short attendance of the students whose results were withheld.

These classes do not interfere with the academic time-table.

- Faculties bridge the knowledge gap of the students through tutorial classes.
- Weak students are given remedial classes.
- Specialized Resource Persons are invited to give lectures and share their expertise and skills with the students.
- Several workshops/ conferences/ seminars are conducted to which academicians/corporate people/alumni from different fields are invited so that

the students can make maximum utilization of the theoretical knowledge imparted to them and get an insight as to how they can apply their learning in the real world.

The University is working towards introducing vocational courses to provide diploma and advanced diploma as add-on courses.

**2.2.4 Has the university conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?**

The University ensures that the students of the disadvantaged categories get equal and every benefit at each step, particularly in academics.

SC/ST Cell, Remedial Cell, Women Cell, and Grievance Redressal Cell constituted in the University take various initiatives for their development.

Implementation of reservation policies, scholarships, fee reimbursement is provided for such students.

**2.2.5 How does the university identify and respond to the learning needs of advanced learners?**

- The advanced learners are identified through their academic performance. The faculties identify such students through class participation, interaction, presentation, assessment and assignments.
- These students are encouraged to participate in different activities like quiz and are sent to reputed industries/ research laboratories for summer training and project. Departments extend help and guidance to provide them better opportunities through alumni.
- They are encouraged to participate in conferences/workshops/projects conducted by other departments in the University or by other Universities.
- They are given opportunity through campus placement.

**2.3 TEACHING-LEARNING PROCESS**

**2.3.1 How does the university plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?**

- The University academic calendar is prepared by the committee constituted by the Vice Chancellor well before before the beginning of the academic session. It constitutes of Deans from all the faculties of the University. The calendar thus

prepared, after the approval of the Admission Committee of the University is uploaded on the website of the University and circulated to all the Departments.

- It covers the teaching-learning and evaluation schedules to be followed by all the University departments and colleges. It includes details of academic session and examinations.
- At the department level, a detailed course schedule aligned to the academic calendar of the University is prepared and followed. It consists of time-table, sessional exam, viva-voce/practical, presentations, academic tours, seminars, invited lectures, workshops and other such information specific to the department.
- The allotment of courses to the faculties in the academic programme is defined before commencement of the semester. The schedule of lectures and detailed syllabus are drawn precisely during curriculum development.

Academic Calendar comprises of Payment of fee (Odd Semester), Payment of fee (with late fee), Commencement of classes (2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, 8<sup>th</sup> semester), Commencement of classes (1<sup>st</sup> Semester), Orientation Programme for Newly admitted PG students, Orientation Programme for Newly admitted UG students, Sessional Test I, Showing Answers sheets to the students (Sessional Test I), Sessional Test II, Showing Answers sheets to the students (Sessional Test II), Last date for Submission of Sessional Marks with Technical Cell, On line Examination forms submission and Payment of Exam Fee, Mark- up Classes/ Examination, Practical and Viva Voce Examinations, Semester Class ends, Last date for Submission of Practical/ Viva Voce Marks with Technical cell, Commencement of Semester Examination, Final Chart verification and Declaration of Result, Winter Break, Payment of Fee (Even Semester), Payment of fee (with late fee), and Commencement of Even Semester Classes. Academic Calendar for Colleges also follows same pattern but is prepared keeping in view the period of annual exams.

**2.3.2 Does the university provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?**

The course outlines and schedules are provided prior to the commencement of the academic session in the University website [www.vbspu.ac.in](http://www.vbspu.ac.in) . Course outline (syllabus), course schedule and scheme of examination are provided to the admitted



students in the beginning of the session. The allocation of faculties and courses for specific academic programme is defined before commencement of the semester.

The classes and assessments are conducted as per the time-table to ensure effectiveness by timely completion of the course and other academic activities like sessionals, presentations, internal assessments, assignments, practical and viva-voce.

**2.3.3 Does the university face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.**

The University does not face any challenges in completing the curriculum within the stipulated time frame and calendar. In case of any contingencies, concerned Faculty members take extra class. To teach advanced topics external experts are invited for lecture. Continuous track on timely completion of syllabus is monitored and discussed on a regular in the Departmental meetings.

**2.3.4 How learning is made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.**

To make learning student- centric, the faculty uses different participatory activities contributing to holistic development and life-long learning. It is ensured through interactive and experiential learning. These are as follows:

- Classroom discussion on case studies, role play, business games encourages student involvement, ability to analyze and problem solving.
- Presentations organized and delivered by students help develop their communication skill, organizing skill and raise confidence.
- Industrial visits/ academic tours to industries and research laboratories give them an opportunity to closely watch the activities in real workplace/world.
- Assignments given to the students in semester improve their writing and quantitative skills and tutorials give an opportunity of interaction.
- Dissertation/projects/summer training develops student ability to work independently under a mentor on specific topic.
- Activities like quiz, debate and such contests arranged and organized in University are learning exercises.
- Practical, and demonstrations encourage participation and learning by doing.

- Special Guest lectures and workshops organized by the departments improve student learning in specialized area.
- Extra-curricular activities like Sports/NCC/NSS/Rover Rangers, Blood Donation Camps, Environmental awareness campaign,
- Co-curricular activities organized by departments such as workshops/seminars/conclave/competitions (debate/quiz) in the University.
- Opportunity to participate in live project gives an opportunity to experience the social issues and governance.
- Cultural activities organized by the University namely JHANKAR to develop their performing arts through painting, modeling, dance, drama, songs, play, mimicry, mime etc..
- Learning through involvement is further encouraged through sports, and volunteering various activities.
- ICT at the campus and e-resources connect them towards globalization.  
These processes make the teaching, learning method participative and student-centric.

### **2.3.5 What is the University's policy on inviting experts /people of eminence to deliver lectures and/or organize seminars for students?**

The university encourages inviting experts /persons of eminence to deliver lectures and/or organize seminars for students. Seminars are also partly funded by agencies like ICSSR, Department of Higher Education, and UGC unassigned research grant.

- The University Departments organize guest lectures / workshops/ seminars and visits of eminent people from industry and academia to share their expertise and rich experience.
- The University follows the UGC guidelines in inviting eminent personalities for talk proposed at the Department level and approved by the Vice-Chancellor. They are reimbursed as per norms.
- Special events like Orientation, Industry Institute Interface, Alumni Conclave, and National & International Seminar are organized by the University giving a platform for student interaction.

#### **List of visiting /emeritus/adjunct/guest faculty (total 223)**

##### **DEPARTMENT OF BIOTECHNOLOGY**

Dr. Lalji Singh

Bhatnagar Fellow (CSIR) and former Director, CCMB, Hyderabad

Genetic diversity in Indian populations and its health implications.

Prof Rajiva Raman	Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi	Geographically Restricted distribution of Sickle Cell Disease in India: Geographical Barrier or Genetic Heterogeneity
Dr Rakesh K Mishra	Center for Cellular and Molecular Biology, Uppal Road, Hyderabad	Genomic packaging, chromatin domain boundaries and epigenetic regulation of genes
Prof Saroj Mishra	Department of Biochemical Engineering and Biotechnology Indian Institute of Technology Delhi, Hauz-Khas, New-Delhi	Degradation of reactive dyes by engineered laccase from <i>Cyathobulleri</i>
Prof Shubh Rao Phadke	Department of Urology and Renal Transplantation, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Raebareli Road, Lucknow	Prenatal Diagnosis
Prof S Ganesh	Indian Institute of Technology, Kanpur	Molecular basis of locus heterogeneity in Lafora disease
Dr Dwaipayan Bharadwaj	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Type 2 Diabetes susceptibility and the 'Cursed' genes
Dr Kar Chowdhuri	CSIR-Indian Institute of Toxicology Research, Mahatma Gandhi Marg Lucknow	Smaller organisms, bigger roles: Relevance to environmental and human health
Prof Gopeshwar Narayan	Cancer Genetics Laboratory, Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi	Role of CXCR4 signaling in cervical cancer progression and metastases
Dr Bhupendra N Singh.	Principal Scientist, Division of Microbiology, CSIR-Central Drug Research Institute, Lucknow	Decoding transcriptional regulatory circuits of FAS-II elongation pathway in mycobacteria
Dr Shantanu Sengupta	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Identification of potential markers for coronary heart disease (CAD): Integrating proteomics and metabolomics approach
Prof Santosh Kumar Dubey	Department of Microbiology, Goa University Taleigao Plateau, Goa	Fate of Organotin Biocide, TBTCI in Marine Environment
Prof Kavita Shah	Institute of Environment and Sustainable Development Banaras Hindu University Varanasi	Understanding enigmas in adaptation biology using bioinformatics tools
Dr U. D. Gupta	Deputy Director (SG) NJIL&OMD, Tajganj, Agra	Efficacy of Moxifloxacin and Econazole against MDR-TB strains in murine model
Prof Dinesh Yadav	Department of Biotechnology D.D.U Gorakhpur University, Gorakhpur	Genomics and bioinformatics perspectives of DOF (DNA binding with one finger transcription factor gene family)
Prof S. Mehrotra	Department of Biochemistry, University of Lucknow, Lucknow	Intellectual Property Rights (IPR): a Tool for Industrial and technological development
Prof Mithilesh Kumar	Director Research Rajendra Agricultural University	Challenges in Crop Improvement : Biotechnological interventions

Pusa, Samastipur, Bihar

GopalNath	Institute of Medical Sciences, Banaras Hindu University, Varanasi	Phage Therapy
DeepankarPratap Singh	FMI, Basel, Switzerland	Genome-defence small RNAs exapted for epigenetic mating-type inheritance

### **(Experts from abroad)**

- Dr. Maqsood Ahamed, King Abdullah Institute for Nanotechnology, King Saud University, BOX 2454, Riyadh 11451, Kingdom of Saudi Arabia. August 13, 2016.
- Dr Vijay Kumar Singh, NHL-BFM Study Centre, Deptt of Pediatric Hematology/oncology, Justus-Liebig. University Giessen, Germany, Feulgenstrabe12,35392 Giessen, Germany
- Mr Rahul Mishra, Section-Genoique Fonctionnelle, Department de Biologie, Ecole normale superieure, Paris-75005
- Dr Gyaneshwer Chaubey, Senior Scientist, Estonia Biocentre, Tartu, Estonia
- Dr Prashant Kumar Singh, Department of Pharmacology & Therapeutics, Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY14263.
- Prof. Narsingh Bahdur Singh, Deptt of Chemistry& Biochemistry, University of Maryland, Baltimore, USA
- Prof. Saroj K. Mishra, University of Houston Clear Lake, Houston, Texas. Email – [profskmishra@yahoo.com](mailto:profskmishra@yahoo.com) , Phone- 0018328601394.

### **2012 (Experts from India)**

- Prof Jagat Kumar Roy, Department of Zoology, Banaras Hindu University, Varanasi
- Dr Depratim Kar Chowdhari, Chief Scientists (Sci. G), Indian Institute of Toxicological Research, Lucknow
- Dr Anand K Tiwari, Assistant Professor, Developmental biology Laboratory, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba, Advanced Gandhinagar, Gujarat
- Mr Anuj Kumar Maurya, Executive Quality Assurance, Zeidus Cadila Health Care Limited, Vadodara, Gujarat
- Dr. Kirti Singh, Ex-VC, NDUAT, Kuamrganj, Faizabad & HPAU, Palampur, Near T.D. College, Jaunpur.
- Prof. Rajeev Raman, Department of Zoology, BHU, Varanasi
- Prof. D.P. Singh, Department of Environmental Science, BBA University Lucknow.
- Dr. U.D. Gupta, Deputy Director, Institute of Leprosy, JALMA, Agra.
- Prof. NandLal, Department of Life Science, CSJM University, Kanpur

### **DEPARTMENT OF MICROBIOLOGY**

- \* Prof. Gopal Nath, Head Deptt. Of Microbiology, IMS BHU (03)
- \* Dr. UD Gupta, Deputy Director, JALMA Institute, Agra (02)
- \* Dr. Rajeev Gaur, Head Deptt. Of Microbiology, RML Awadh Univ. Faizabad (02)
- \* Prof. H. Kumar, RAU, Samastipur, PUSA, Bihar (01)
- \* Prof Jai Raj, Gulberga University, Karnataka (01)
- \* Dr. Sunil Ojha, Scientist C Inter University Accelerator Centre, N Delhi
- \* Dr. O. P. Tiwari, Principal, Pharmacy College, Varanasi
- \* Prof. (Mrs) K Shah, IESD, BHU, Varanasi

### **DEPARTMENT OF ENVIRONMENTAL SCIENCES**

Prof. D. P. Singh	School of Environmental Science BBAU Lucknow	Stress physiology
Prof. Kavita Sah	<i>Institute of Environment and Sustainable Development, Varanasi</i>	<i>Environmental awareness and Proteomics</i>
Dr. U. N. Rai	NBRI, Lucknow	Bioremediation of arsenic
Prof. S.B. Agrawal	CAS, Dept. of Botany BHU Varanasi	Ozone depletion
Prof. Ashok Kumar	Dept of Biotechnology, BHU Varanasi	Role of Biotechnology in

		Conservation
Prof. Bechan Sharma	Dept of Biochemistry, University of Allahabad	Waste management
Prof. Jaswant Singh	Dept of Environmental Science, RML Awadh University faizabad	Climate change and Antarctica with special reference
Dr. Rajiv Gaur	Dept of Microbiology, RML Awadh University Faizabad	Bioremediation
Dr. Anil K Dwivedi	Dept of Botany, DDU Gorakhpur University	Water pollution and its effect on human life
Dr. P.C Abhilash	<i>Institute of Environment and Sustainable Development, BHU, Varanasi</i>	<i>Info- chemical and Environmental signaling</i>
Dr.Tirthankaer Benergee	<i>Institute of Environment and Sustainable Development, BHU, Varanasi</i>	<i>Sustainable Development for natural resources</i>
Dr. Rajesh Singh	Indian Institute of Geomagnetisms, Allahabad	Earth magnetism
Prof. Surendra Singh	Dept of Botany, BHU Varanasi	Ecological interaction of algae
Dr. Jitendra Sahi	Dept. of Env.Science, Sampurnanand University, Varanasi	Environment and Ethics
Prof D.K. Chakarvarti	Dept. of Plant pathology, NDUAT KumarGanj Faizabad	Importance of bio pesticides in current scenario
Prof. S.K. Dwivedi	School of Environmental Science BBAU Lucknow	Ecology and Environment
Prof M P Singh	Centre of biotechnology Allahabad University Allahabad	Role of fungus in remediation
Prof. P K Mishra	Department of Chemical Engineering IIT. BHU	Ozone layer depletion and modern life style
Dr. Vivek K. Pandey	Centre of K. Banarji Atmospheric and Oceanic science	Stratospheric ozone and ozone depletion

#### **DEPARTMENT OF BIOCHEMISTRY**

- \* Prof. R.S. Dubey, Vice chancellor Tilka manghi Bhagalpur Bihar & Ex Head Department Biochemistry BHU, Varanasi.
- \* Prof. Bechan Sharma, Ex Head Department Biochemistry, Allahabad University.

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#### **DEPARTMENT OF BUSINESS ADMINISTRATION (AGRIBUSINESS AND E-COMMERCE)**

- Prof.Krishna Kumar, Former Director,IIM Kozhikode
- Prof. S.K.Chakraborty, IIM Kolkata
- Prof.Shailendra Singh, IIM Lucknow
- Prof.Ram Kumar Kakani, XLRI, Jamshedpur
- Prof B.Venkat Rathnam, Ex Vice-Chancellor, Kakatiya University, Warrangal
- Prof.R.C.Sharma, Ex Pro Vice-Chancellor, MG Kashi Vidyapith, Varanasi
- Prof.R.S.Dwivedi, Kuruskshetra University,Kurukshetra
- Prof.Ramendu Roy,MONIRBA,University of Allahabad
- Prof. R.S.Singh,MONIRBA, University of Allahabad
- Prof.C.Lal, Ex Dean, FMS, BHU, Varanasi
- Prof.H.K.Singh,BHU, Varanasi
- Prof.H.P.Mathur,FMS, BHU,Varanasi
- Prof.R.S.Srivastava, CSJM University, Kanpur
- Dr.Rajesh Shastri,MNNIT,Allahabad
- Dr.Himanshu Sekhar Singh, RML Avadh University, Faizabad
- Dr.Ajai Prakash,LUMBA, University of Lucknow,Lucknow

#### **DEPARTMENT OF HUMAN RESOURCE DEVELOPMENT & MHRD**

18/03/2013		Mr. P. N. Singh	
22/03/2013	Job Search Skill for success	Prof. Manoj Patwardhan	IITM, Gwalior
25/04/2013	Two days workshop	Dr. Ajay Wagh	IGNTU, Amarkantak M.P.
24/10/2013	Latest tools in Statistics	Dr. Steve Baiber	
08/02/2014		Prof. Raj kumar	BHU, Varanasi
01/03/2014	Creativity and Management	Prof. S. K. Singh	BHU, Varanasi
09/04/2014		Mr. Hemant Kumar	Indorama Group, Mumbai
11/11/2014	Global Competiveness and Industry Requirement	Prof. R. K. Lodhwal	FMS, BHU, Varanasi
20/02/2015	HR Conclave	Prof. S. Rangnekar Mr. V. K. Dhawan Mr. Hemant Kumar	IIT, Roorkee SAIL, Delhi Indorama Group, Mumbai
		Mr. Pramod Chaturvedi Mr. M. M. Khan Prof. Ajay Singh	ISTD, Lucknow Hindalco, Renukoot University of Delhi
04/04/2015	Employability Skill	Dr. Santosh Tripathi	BIT, Gorkhpur
15/04/2015	Self Discipline	Brigadier B. S. Thakur	
12/09/2015	Career Management	Prof. Ajay Singh	University of Delhi
12/09/2015	Do's & Don'ts in Report Writing	Prof. R. K. Lodhwal	FMS, BHU, Varanasi

#### **DEPARTMENT OF BUSINESS ECONOMICS**

- Prof B.P.Singh, Formerly Professor of Delhi School of Economics, Delhi University, Delhi
- Prof K S Jaiswal, Faculty of Commerce and Mgmt Studies, MGKVP, Varanasi
- Prof K N Bandani, IIM Kashipur
- Prof A K Mukherjee, MONIRBA, Allahabad
- Prof S K Sharma, Dayalbagh Educational Institution, Agra
- Prof. Sanjay Srivastava, Head, Deptt. Of MANAgement, CSJM University, Kanpur
- Prof. Ashish Bajpai, Faculty of Management, BHU, Varanasi
- Prof. Guru Charan Singh, School of Management, Punjabi University, Patiala
- Prof. Ran Singh Dhaliwal, School of Management, Punjabi University, Patiala
- Prof. Manjit Singh, School of Applied Management, Punjabi University, Patiala
- Prof. P.N. Mishra, Department of Management, Devi Ahilya University, Indore
- Prof. Rajiv Dubey, Deptt. Of Business Economics, APS University, Rewa

#### **DEPARTMENT OF FINANCIAL STUDIES**

- Prof. G.C.R. Jaiswal, Vice-chancellor, Dr. RML Avadh University, Faizabad
- Prof. Vanita Tripathi, Delhi School of Economics
- Prof. Somesh Shukla, University of Lucknow
- Prof. H.K. Singh, Banaras Hindu University
- Prof. Rajkumar, Banaras Hindu University
- Prof. K.M. Badani, IIM Kashipur
- Dr. Rakesh Sahni, Delhi University
- Prof. H.P. Mathur, Banaras Hindu University
- Dr. Shashi Srivastava, Banaras Hindu University
- Prof. K.K. Agrawal, MG Kashi Vidyapeeth
- Prof. R.S. Meena, Banaras Hindu University
- Prof. Ravindra Vinayak, MDU Rohtak

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

- Prof. S.P. Tiwari
- Dr. Tarique

- Dr.U.C Verma

#### **DEPARTMENT OF ELECTRICAL ENGINEERING**

- Prof. SP Singh IIT BHU, Varanasi
- Prof. SK Nagar IIT BHU, Varanasi
- Dr. R. Mahanti IIT BHU, Varanasi
- Dr. RS Gorayan IIT BHU, Varanasi
- Dr. Devendra Singh IIT BHU, Varanasi
- Dr. RK Srivastava IIT BHU, Varanasi
- Dr. MK Verma IIT BHU, Varanasi
- Dr. Ashish Kumar Singh MNNIT, Allahabad
- Dr. Anirudha Narayan MNNIT, Allahabad
- Dr. Nitin Singh MNNIT, Allahabad
- Dr. Navneet Kumar MNNIT, Allahabad
- Prof. TN Shukla KNIT, Sultanpur
- Prof. SK Sinha KNIT, Sultanpur
- Prof. KS Verma KNIT, Sultanpur
- Dr. Dipendra Singh KNIT, Sultanpur
- Dr. SP Singh KNIT, Sultanpur
- Dr. Bindeshwar Singh KNIT, Sultanpur
- Dr. Kuldeep Sahai IET, Lucknow
- Dr. Satyendra Singh IET, Lucknow
- Dr. KP Singh MMMREC, Gorakhpur
- Dr. Sanjay Kumar Maurya GLA University Mathura

#### **DEPARTMENT OF INFORMATION TECHNOLOGY**

Prof. Satya Singh	Deptt. Of Computer Application, MGK Vidyapith University, Varanasi	8005434558
Prof P.K. Mishra	Deptt. Of CSE, IIT BHU, Varanasi	9451227115
Prof. R.B. Mishra	Deptt. Of CSE, IIT, B.H.U., Varanasi	9455825265
Dr. Rajeev Srivastava	Deptt. Of CSE, IIT, B.H.U., Varanasi	9450051964
Dr. S.K. Singh	Deptt. Of CSE, IIT BHU, Varanasi	9554321133
Dr. D.K. Yadav	Deptt. Of CSE, MNNIT, Allahabad	8004486303
Dr. B.P. Chaurasia	Deptt. Of CSE, KNIT, Sultanpur	9415068565
Dr. Abdhesh Kumar	Deptt. Of CSE, KNIT, Sultanpur	9450051964
Dr. R.S. Singh	Deptt. Of CSE, IIT BHU, Varanasi	9935883500
Dr. Akhtar Hussain	Deptt. Of CS & IT, MJP Rohilkhand University	9319760019

#### **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Prof. Satya Singh	Deptt. Of Computer Application, MGK Vidyapith University, Varanasi	8005434558
Prof P.K. Mishra	Deptt. of CSE, IIT BHU, Varanasi	9451227115
Prof. R.B. Mishra	Deptt. of CSE, IIT, B.H.U., Varanasi	9455825265
Dr. Rajeev Srivastava	Deptt. of CSE, IIT, B.H.U., Varanasi	9450051964
Dr. S.K. Singh	Deptt. of CSE, IIT BHU, Varanasi	9554321133
Dr. D.K. Yadav	Deptt. of CSE, MNNIT, Allahabad	8004486303
Dr. B.P. Chaurasia	Deptt. of CSE, KNIT, Sultanpur	9415068565
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Dr. R.S. Singh	Deptt. of CSE, IIT BHU, Varanasi	9935883500
Dr. Akhtar Hussain	Deptt. of CS & IT, MJP Rohilkhand University	9319760019

#### **DEPARTMENT OF PHYSICS**

- Prof. B.K.Ghosh, Professor (Rtd.) and Former Head, Department of Physics, University of Allahabad , Allahabad
- Prof. Ram Gopal, Professor in the Department of Physics, University of Allahabad , Allahabad,
- Prof. Raghav Varma, Professor in the Department of Physics, I.I.T.Mumbai
- Prof. V.K.Tripathi, Ex. Professor in the Department of Physics, I.I.T. Delhi

#### **DEPARTMENT OF CHEMISTRY**

- Prof. Baliram, Professor and Head, Department of Chemistry, BHU, Varanasi
- Prof. N.D. Pandey, Professor in the Department of Chemistry, MNIIT, Allahabad
- Prof. Hadi Hashan, Department of Chemistry, IIT BHU

#### **DEPARTMENT OF MATHEMATICS**

- Prof. S.N. Pandey, Formally, Professor and Head, Department of Applied, sciences,MMM Engineering College, Gorakhpur-273010, India, M-9415386954, E .mail: [pandey SNP@yahoo.co.in](mailto:pandey SNP@yahoo.co.in)
- Prof. T. Som, Professor in the Department of Mathematical Sciences, IIT BHU, Varansi, M-9807506555, E .mail: [som\\_tanmoy@yahoo.co.in](mailto:som_tanmoy@yahoo.co.in)
- Late Prof. O.P. Singh, Ex. Professor and Head, Department of Mathematical, Engg,IIT BHU, Varansi.
- Prof. H.S. Shukla, Professor in Mathematics & Ex. Dean Faculty of Science, Deen Dayal Upadhyay University, Gorakhpur, Address: 743G, Professor lane, Ramjanki Nagar, Basartpur Gorakhpur, 0551-2502538, M-9451678201
- Dr. S.N. Pandey, Associate Professor and Ex. Head, Department of Mathematics, Motilal National Institute of Technology Allahabad, India, M-9451179741
- Dr. S.U. Siddique, Associate Professor and Head, Department of Mathematics, HBTI Kanpur, India
- Dr. Sarvesh Kumar, Associate Professor, Department of Mathematics, Indian Institute of Space Science and Technology (Department of Atomic Energy), Thiruvanthapuram, Keral, India
- Dr. Sushil Kumar, Assistant Professor, Department of Humanities and Mathematics Sardar Vallabh Bhai National Institute of Technology, Surat, India
- Prof. G.C. Sharma, Ex.Professor and Head, Department of Mathematics, Kandari Campus, B.R. Ambedkar University University Agra U.P.

#### **DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES**

- Prof. M. K. Das, Ex Dean & Head, Professor and Head, Faculty of Education, MGK Vidyapitha . Varansi M-9818876254
- Prof. P.K. Singh, Ex Head, Deptt. of English, Ex. Dean, Faculty of Arts, MGK Vidyapitha Varansi. M-9450871331
- Prof. L. U. B. Pandey

#### **DEPARTMENT OF COMPUTER APPLICATION**

- Prof. Satya Singh, MGKVP Univ. Varanasi
- Prof. R.B. Mishra, B.H.U. Varanasi
- Prof. Udai Shankar, M.M.M Technological Univ. Gorakhpur
- Dr. S.S. Mishra, Dr. R.M.L.A. Univ. Faizabad
- Dr. Himanshu Pandey Pt. D.D.U Univ. Gorakhpur
- Prof. R.A. Khan, B.B.A Univ. Lucknow

#### **DEPARTMENT OF PHARMACY**

- Counterfeit Drugs By Prof. Pradeep Kumar HCPG College,Varanasi
- Intellectual Property Rights By Dr. C H V Rao, Principal Scientist, NBRI, Lucknow.
- Pharmacognostical Screening of Herbal Drugs by Dr. Sharad Srivastava, Principal Scientist, NBRI, Lucknow.
- Laboratory care of Animals by Dr. U D Gupta, JALMA, Agra

#### **DEPARTMENT OF APPLIED PSYCHOLOGY**

- Special lecture by Prof. CB Dwevedi BHUVaranasi, on “Qualitative research methods in psychoogy” on 18/02/2016.
- Special lecture by Prof.PC Mishra on topic“Stress and Health”on 22/09/2015.
- Special lecture by Prof. NS Tung on “Multiple regression analysis and discriminant functional analysis” on 11/09/2015.
- Special lecture by Prof. CB Dwevedi BHUVaranasi, on “Indian Psychology” on 14/03/2015.



- Special lecture by Dr. Anjali Gata ,Noormanzil Psychiatric Centre,on “Training programs in Clinical Psychology” on 05/02/2015.
- Special lecture by Dr. AvneeshAgrawal ,Lucknow ,on “Communication skills and personality development” on 06/02/2015.
- International Workshop on Counselling Skills in Health Profession and Schools 23-26 October 201
- International Meet on Collaboration with American Universities and International Conference onCounselling and Community Psychology 17-19 December, 2011

#### **DEPARTMENT OF MASS COMMUNICATION**

- Seminar on Patrakarita K samaksh Chunautiya 16.03.2011 Speaker Dr PC Patanjali Delhi.
- Guest Lecture delivered by Mr DK Verma Lucknow 29.04.2011.
- Guest Lecture delivered by Mr Manoj Kumar Srivastava Delhi on 14-24.04.2011
- Guest Lecture delivered by Mr H A Azmi Varanasi on 25-28.04.2011.
- Guest Lecture delivered by Dr D Chopra Allahabad 07.05.2011.  
Experts- Mr Anand Dubey India Tv Noida  
Mr Pranav Yadav India News Noida  
Mrs Ashima S Gureja Delhi.
- UGC Workshop on Radio Programme Production 30 Nov -1 Dec 2011  
Experts- Mrs Anamika Srivastava Lucknow.  
Mr BB Sharma AIR Varanasi  
Mr MP Pathak AIR Lucknow.
- Workshop on sanskritik aayojanon ke madyam, se vigyan sanchar. 25- 28 Feb 2012
- Seminar on blog aur samajikta. 2 June 2012,
- Discussion on samajik media ki upyogita evam durupayog. 21 August 2012
- Seminar on hindi diwas. 14 Sep 2012
- Seminar on media aam admi aur mudde. 12 Oct 2012
- Seminar on Hindi patrakarita aur chunawtiyan. 13 Oct 2012
- Seminar on nari asmita aur media. 13 Feb 2013
- Seven days special lecture on Radio & TV programme production 28 november to 06 December 2013, delivered by Ex-Director, Doordarshan, Varanasi- N.K. Acharya.
- Workshop on Television programme production by M, Rehman & Ponam Chaurasia from 06-09 December 2013.
- Special Lecture on print media by Dr. Arunendra C. Tripathi, Lucknow on 5 May 2014.
- Seven Days special lecture on Radio & Television programme production by B.B. Sharma Ex-Director, AIR & DD, Varanasi 18 to 26 November 2014.
- Special Lecture on Problems and issues of print media by Prof. R.S. Joshi, New Delhi on 17 February 2015.
- One day lecture on NEWS writing and editing by Prof. R.M. Pathak, M.G. K.V.P. Varanasi, On 12 March 2015.
- Special Lecture on Video Production by Ram Kinkar Singh special correspondent AAJ TAK on 04 September 2015.
- One day sangosthi on “Media prabandhan avsar aur chunautian” on 3 September 2016.
- Invited lecture on “TV ke karyakram aur vartman chunautian” by Santosh Mishra on 12.1.2016

### **2.3.6 Does the University formally encourage blended learning by using e-learning resources?**

The University encourages blending of classroom teaching with e-learning. All the academic buildings, Administrative Block, Central Library, Hostels are well connected with internet facility.

All the faculty members are provided with personal computer and internet facility in their rooms. Computer labs and class rooms in all the academic buildings are provided with internet connections.

The University formally encourages blended learning by using e-learning resources in the following ways:

- All the Faculty Buildings have Computer Lab under the supervision of Computer Programmer.
- The Computer Center of the University provides assistance to educate the students in acquiring skills and works as a Data Management Center.
- The Central Library of the University (Vivekanand Central Library) provides e-resources (e-books, e-journals, e-databases, e-theses from Sodhganga), online Journals, CDs and data bases through INFLIBNET. UGC e-pathshala connects the students to resources outside the University premises. The digitalization process of the library is in process.
- Faculty members provide references to printed books, the links of web tutorials, web resources and e-books to the students as e-learning resources. It provides opportunity for interdisciplinary learning and research, open source learning materials, online educative resources and special purpose software.
- The University provides access to internet connection in class rooms, library, computer labs, and hostel rooms for the students and encourages e-learning.

### **2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?**

The University encourages use of technologies and facilitates the process of learning with following means:

- The Central Library facilitates the e-resources (e-books, e-journals, e-databases, e-theses from Sodhganga), online Journals, CDs and data bases through INFLIBNET, UGC e-pathshala. University receives different educational programmes like EDUSAT, gyandarshan etc which are also shown to the students in different departments.
- A Virtual Class Room (VCR) has been establishment and Video Conferencing facility in the Central Library is in process for effective learning.

- There are 13 (Faculty building- 02, IBM- 02, Pharmacy- 02, Engineering-02, Central Library- 01, Sangosthi Bhavan-01, Meeting Hall of IBM-01, ECE-01, Vice-Chancellor conference Hall-01) smart classes with e-podium and related accessories recently added to the tune Rs.1, 58, 84, 844/-
- The students are given orientation programme on the resources available and its use by the library staff in the beginning of every academic session. The sensitization process also involves training arranged for research scholars and faculties for optimal use of e-resources, INFLIBNET and e-pathsahala facilities.
- The Department is provided with necessary number of computers and peripherals including printers, scanners, LCD Projectors, etc. for supporting academic and co-curricular activities, community outreach, and administrative activities connected through internet.
- The Computer Center provides centralized facility to the Data Services, updates and uploads the day to day University information like circulars/notices related to admission, examination, tenders, results, seminars, workshops, conferences, course syllabi ([www.vbspu.ac.in](http://www.vbspu.ac.in)).

**2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the University's educational processes?**

The University has established a committee for planning and commencing virtual classroom facility in all the faculty of the University. The committee shall also be responsible to monitor the developments in Open Source Community and integrate its benefits in the University's educational processes. Several trials and presentations have been made by potential vendors in this regard. The Central Library has an EDUSAT system facilitating programmes telecast by UGC, AICTE, IGNOU.

**2.3.9 What steps has the University taken to convert traditional classrooms into 24x7 learning places?**

- The University is making efforts to convert the traditional classrooms into 24X7 learning process. Traditional class rooms are utilized for running remedial classes, coaching to disadvantaged category students, practices and rehearsal for cultural and related activities. Class rooms are also provided with internet connectivity from which students benefit in leisure time for computing

and access of e-resources. The University has a plan towards 24 hrs proxy for internet access from remote places.

- All the hostel/classroom/lab are provided with free internet services.

**2.3.10 Is there a provision for the services of counselors/mentors/advisors for each class/group of students for academic, personal and psychosocial guidance? If yes, give details of the process and the number of students who have benefitted.**

- The services of counselors/mentors/advisors are provided to students in different forms. In the Engineering Departments, Class Counselors are there to help the students. They directly approach with their concerned Counselors for guidance.
- Career Guidance programme have been organized from time to time by III Cell.
- The students approach their Faculty or Head of department for advice or guidance in academic and personal matters. They help the students to cope with the curriculum, advise them for participation in extra-curricular activities, and counsel them to enhance their potentials.
- The Coordinators of Training and Placement Cell in the departments provide guidance to the students for summer training, inform them on job opportunities and advice them on ways of improving on shortcomings.
- The offices of Dean, Students Welfare helps and guides the students on the issues related to scholarship, reimbursement of tuition fee by Department of Social Welfare and on any other issues surfacing upon time to time.
- The Wardens also counsel the boarders on personal and psychosocial issues during fixed hours and also when emergency arises.
- The Women Cell helps the girl students to share their problem and provides counseling.
- University runs a full time M.A. Applied Psychology.

**2.3.11 Were any innovative teaching approaches/methods/practices adopted/ put to use by the faculty during the last four years? If yes, did they improve learning? What are the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?**

- The faculties use innovative teaching practices along with the conventional method for effective learning. Educational tours and industrial visits give practical exposure to the students.
- Seminars, conferences, presentations, role play help better understanding of the conceptual knowledge.
- Assignments and projects given to group of students and individually helps them develop their competencies.
- Faculty is provided with multimedia, e-resources and internet facility to bring innovative ways in the class room and outside for improved learning and increasing experiential learning.
- The effectiveness of innovative teaching methods is assessed in class room participation, and performance in exams.
- Student feedback collected on the curriculum and teaching of the Faculty helps to understand the use of the innovative practices.

### **2.3.12 How does the University create a culture of installing and nurturing creativity and scientific temper among the learners?**

The University creates a culture of installing and nurturing creativity and scientific temper among the learners by giving them opportunities to exercise their imagination and learning.

- Departments encourage student participation in projects, dissertation, extension activities, field study and wall magazines.
- The University organizes various academic programmes like debates, quiz, extempore, essay writing, other activities include seminar, conference, making models and like activities to nurture creativity. Workshops are organized on Robotics, etc for developing insight of engineering students and scientific temper.
- Science exhibitions during National Science Day, Engineers' Day, poster and oral exhibition in conferences, quiz, debugging, extempore and such activities promote scientific temper among the students.

- **National Science Day celebrations**

- **Feb 27-28, 2015**

- 

- **Organizing committee:**

- 

- **Convener:** Prof. B.B. Tiwari
- **Co-Convener:** Dr. Pradeep Kumar
- Dr. Santosh Kumar

- **Members:** Dr. A.k. Shrivastava
- Dr. Rajesh Sharma
- Dr. S.P. Tiwari
- Dr. Digvijay Singh
- Dr. Awadh Bihari Singh
- Shri Rajeev Kumar
- Mr. Ravi Prakash

- Mr. Sandeep Singh
- Mr. Rajnish Bhaskar
- Mr. Raj kumar Soni
- Mr. Praveen Prakash
- Mr. Sanjeev Gangwar

- **Advisors:** Prof. D.D. Dubey
- Prof. V.K. Singh

- Prof. Ramji Lal
- Prof A.k. Shrivastava
- Dr. Vandana Rai
- Dr. A. P. Singh

▪ **Winners in Science Exhibition**

▪ **In**

▪ **National Science Day Celebration Year 2014**

▪ **First Prize:**

- 1. Piyush Kumar Mishra B.Tech III year Branch ECE
- 2. Brijesh Kumar Gupta B.Tech III year Branch ECE
- 3. Shivakant Yadav B.Tech III year Branch ECE

▪ **Second Prize:**

- 1. Harshjeet Singh B.Tech III year Branch EE
- 2. Shishir Kumar Yadav B.Tech III year Branch EE
- 3. Arpit Singh B.Tech III year Branch EE

▪ **Third Prize:**

- 1. Bhanu Pratap B.Tech II year Branch EI
- 2. Ram Niranjana B.Tech II year Branch EI
- 3. Abhinav Nagar B.Tech III year Branch EI

- Various cultural and sports activities are also conducted for their holistic development. Fresher and farewell functions, celebration of foundation day, hostel functions and many such activities throughout the year give the students platform to express their potentials and creativity.
- Research activities are promoted in the PG curriculum. The students in these courses are assigned research projects. Some projects are done in the campus and some in industries/other research laboratories.
- The faculties are encouraged to enroll for Ph.D. The University has initiated the process of providing funds for minor research projects proposed by the Faculty.
- Senior Scientists and academicians from different streams of Science & Technology are regularly invited to deliver lecture and interact with student.

**1.3.13 Does the University consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?**

All the Departments in the University offer professional courses. These Departments in Faculty of Sciences, Management Studies, Social Sciences, Engineering & Technology, Computer Applications, and Pharmacy have projects/summer training mandatory for completion of the course. These projects are for 2-6 months, the duration varies as per the curriculum.

The project reports are evaluated and the marks are added as part of the internal/external assessment.

- Number of projects executed within the University

<b>Faculty of Science</b>		
<b>Department</b>	<b>In house Project (%)</b>	<b>Outside Inst./ Univ (%)</b>
Biotechnology	15	85
Biochemistry	< 10	>90
Microbiology	<50	>50
Environmental Sciences	30	70
<b>Faculty of Management Studies</b>		
Business Economics	100	-
Finance & Control	-	100
Human Resource Development	-	100
Business Administration	-	100
e-Commerce	100	-
Agri Business Management	100	-
<b>Faculty of Applied Social Sciences</b>		
Applied Psychology	-	-
Mass Communication	-	-
<b>Faculty of Engineering &amp; Technology</b>		
Computer Application	-	100
Mechanical Engineering	100	-
Information Technology	100	-
Electrical Engineering	100	-
Electronics & Communication Engg.	100	-
Electronics & Instrumentation Engg.	100	-
Computer Science & Engineering	100	-
<b>Faculty of Medicine</b>		
Pharmacy	100	-

- Names of external institutions associated with the University for student project work: Most of the science students complete their project in various institution of CSIR, ICMR, ICAR, IITs, AIIMS, and biosciences departments of various University in India. Similarly management students complete their projects in various industries

like; IFFCO, HINDALO, BHEL, NMDC ICICI, Vodaphone, Reliance, etc. Mass Communication students do their project in different print media and TV channels.

- Role of faculty in facilitating such projects
  - a) To coordinate and collaborate with concerned industry/organization to identify and shortlist topics for projects
  - b) Faculty guides the student in designing the project/dissertation, collecting information, analysis, report preparation and presentation.

**2.3.14 Does the University have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?**

The university has well qualified pool of permanent faculty against sanctioned posts, to address the needs of the curriculum but faces shortfall in some of the departments. It is supplemented by visiting faculties, contractual faculties and guest faculties. Resources and faculty of other departments support interdisciplinary teaching to fulfill the needs of the curriculum.

**2.3.15 How are the faculty enabled to prepare computer- aided teaching /learning materials? What are the facilities available in the University for such efforts?**

The University encourages all teaching departments for use of computer-aided teaching/learning materials. The entire faculty has been provided with desktops and IP-based internet facility in their rooms. All departments are equipped with multimedia to enable computer-aided teaching/ learning (audio visual aids, microphone, LCD projector, high resolution cameras, and language speech lab. The faculty attended FDP, orientation and refresher courses that acclimatize them with preparation and use of these aids.

**2.3.16 Does the University have a mechanism for the evaluation of teachers by the students/alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning process?**

The University has adopted the format for evaluation of faculties by the students. The evaluation feedback based on course content and teaching methodology taken by faculty. The collected data is analyzed and discussed in the department meeting and improvements are made accordingly for improvement of teaching and learning



process. Apart from this, the faculties take feedback from the students and improve their teaching pedagogy and course contents in the Board of Studies.

The University has an Alumni Association that gives opportunity to bring together the old students. Feedback of the alumni is being collected now onwards. The department faculties are connected to the alumni and do take feedback from them especially on the ongoing practices in the industry and how the course content and department activities can be improved. Most of the departments have groups in social media like facebook and whats app, in which they share information. Alumni at times visit the department also.

## **2.4 TEACHER QUALITY**

### **2.4.1 How does the University plan and manage its human resources to meet the changing requirements of the curriculum?**

The University facilitates faculty members to attend specialized external training to meet the needs of changing requirements of the curriculum and provides infrastructure to support it. The following measures ensure the development of human resource as per the need:

- ITC enabled services in the University with personal computers and large internet bandwidth
- Subscription to e-resources and rich library
- Providing financial support to the faculty for attending orientation and refresher programmes organized by Academic Staff Colleges, Faculty Development Programmes in Institutions of repute, workshops for specialized skill development
- Supports research and consultancy services undertaken by the faculty
- Organize workshops by experts and practitioners for knowledge and skill enhancement
- Financial support for attending national and international seminars/workshops
- Collaborating with other department in the University and encouraging interdisciplinary learning
- Inviting Guest faculty
- Sabbatical leave upto 3 years for completing Ph.D. program in other institutions of repute.

## 2.4.2 Furnish details of the faculty

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent teachers</b>							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D..	02	-	09	02	18	01	32
M.Phil.	00	-	00	01	01	01	02
PG	02	-	09	02	18	01	32
<b>Temporary teachers (Contractual)</b>							
Ph.D..	-	-	01	-	12	02	15
M.Phil.	-	-	-	-	-	-	-
PG	01	-	01	-	30	04	36
Part-time teachers (Guest Faculty)							
<b>Ph.D..</b>	02						
<b>M.Phil.</b>	-						
<b>PG (M. Sc. &amp; M.Tech)</b>	54						

## 2.4.3 Does the University encourage diversity in its faculty recruitment? Provide the following details (department/school-wise).

The University encourages diversity in its faculty recruitment. The following table shows the position:

Sr.No.	Department	% faculty from the same University	% faculty from other Universities within the same state	% faculty from Universities outside the state	% faculty from other countries
01	Biotechnology	14	57	29	Nil
02	Environment Science	33.3	66.7	Nil	Nil
03	Biochemistry	66.7	Nil	33.3	Nil
04	Microbiology	66.7	Nil	33.3	Nil
05	Business Management	22.22	55.55	22.22	Nil
06	Business Economics	50	50	Nil	Nil
07	Financial Studies	40	40	20	Nil
08	HRD	25	Nil	75	Nil
09	Computer Applications	33	33	33	Nil
10	Applied Psychology	Nil	33.3	66.7	Nil
11	Mass Communication	20	80	Nil	Nil
12	Pharmacy	Nil	72.7	27.3	Nil
13	Mechanical Engineering	75	25	Nil	Nil
14	Information Technology	60	40	Nil	Nil
15	Electronics & Communication	45	55	Nil	Nil
16	Electronics & Instrumentation	66.7	33.3	Nil	Nil
17	Electrical Engineering	44.4	55.5	Nil	Nil
18	Computer Science & Engineering	60	40	Nil	Nil

**2.4.4 How does the University ensure those qualified faculties are appointed for new programmes/emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?**

Qualified faculties are appointed for new programmes/ emerging areas of study as per the UGC norms and API scores of the candidates. The following procedure is adopted for the appointments:

1. The required position is advertised in the leading national newspapers and hosted on the University website, indicating the number of vacancies, eligibility criteria, essential qualifications, experience and expertise.
2. The received applications are screened as per the norms of UGC/AICTE qualification requirements and API scores. The shortlisted candidates are called for interview.
3. Selection Committee consisting of Vice- Chancellor, Dean of concerned Faculty, Head of Department, Three Subject Experts and a Nominee of the Chancellor constitute the Panel for conducting the interview.
4. Selected candidates are appointed through a letter of appointment.
5. New courses are in the process of approval to be introduced in the next session. The University Administration is working on the process of recruitment of faculty on permanent/regular vacant positions in the Departments. Last appointments were made in 2010-11. Meanwhile, contractual faculties were appointed through a selection committee and following eligibility conditions as per the norms given by the regulatory bodies.

Faculty Strength as on September 30, 2016:

1	Total Number of sanctioned Post	72
2	Total number of filled up post on regular basis	33
3	Total number of filled up post on contract/guest faculty basis	94
4	Total number of vacant post (regular)	39

**2.4.5 How many Emeritus/Adjunct Faculty/Visiting Professors are on the rolls of the University?**

Emeritus = No

Adjunct = No

Visiting Professors from different field address the students regularly. Please refer to section 2.3.5 for the list of Professors visiting the University.

**2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (e.g. providing research grants, study leave, nomination to national/international conferences/seminars, in-service training, organizing national/international conferences etc.)?**

- The University encourages its faculties for academic development by attending orientation/ refresher/ faculty development programme/seminars/workshops organized by several academic institutions. The University also organizes such programs.
- The University facilitates faculties by sanctioning study leave with pay to complete their higher studies. As of now 04 faculty members availed the study leave for persuing Doctoral Degree namely: Ms. Noopor Goel, Asstt. Prof., Department of Computer Application, Mr. Sandeep Singh, Asstt. Prof., Department of Mechanical Engineering, Mr. Sachin Agrawal, Asstt. Prof., Department of Financial Studies, Dr. Rajneesh Bhaskar, Asstt. Prof., Department of Electrical Engineering, Dr. Raj Kumar Soni, Asstt. Prof., Department of Mathematics.
- It provides leave and financial support to attend national /international conferences, workshops and seminars.
- Budget is allocated to departments for organizing seminar, conference, workshops/ conclaves.
- The University encourages faculties to apply for major research projects in agencies like UGC, ICSSR, DST, DBT etc.it has initiated providing minor research grant to faculties in the departments.
- The University facilitates procurement of equipments and infrastructural facilities for establishing labs.
- The University has initiated steps for opening an Academic Staff College to cater to the need of fulfilling training requirement of faculties in its 693 affiliated colleges and in the region.

Under above mentioned policies, the number of faculty members who

a. Received research grants: Rs. 2.5 crores

- b. Availed study leave: 04
- c. Attended national/international conferences/seminars, training: 58
- d. Organized national/international conferences, Workshops etc.: 29

**2.4.7 How many faculty received awards/recognitions for excellence in teaching at the state, national and international level during the last four years?**

Prof. DDDubey

- John E Fogarty International Fellowship (1988-90)
- Visiting Fellow, JNCASR, Bangalore (1998-99)

Dr Manas Pandey

- Best Business Academic Award of the year 2008, Silver Medal by AICA
- Conferred Fellow of Indian Commerce Association (FICA)-2009

Dr. HC Purohit

- Prof Manubhai Shah best Research paper award by AICA -2011
- Falicitated by Lions Club

Dr. Sangeeta Sahu

- Best Paper Award in International Conference on Advances in Management and Technology: Mapping Strengths and Opportunities, Organized by MNNIT, Allahabad in January, 2005
- Best Business Academic of the Year-2014 (Silver Medal) in 67<sup>th</sup> All India Commerce Conference (AICA) held in December, 2014.
- Won second Best Paper Award-2012 of Indian Society for Training and Development (ISTD).
- Adjudged Second Best paper entitled as 'Career Commitment and Career satisfaction: Role of Ethics and Affective Commitment' by Delhi school of Professional studies and Research (DSPSR), New Delhi in 2012
- Prestigious Kamla Award for Best Paper by Indian Society for Training and Development (ISTD) in 2009.

Dr. Avinash D. Pathardikar

- Best Paper Award in International Conference on Advances in Management and Technology: Mapping Strengths and Opportunities, Organized by MNNIT, Allahabad in January, 2005
- Silver Medal- Best Business Academic of the Year-2014 in 67<sup>th</sup> All India Commerce Conference (AICA) held in December, 2014.

- Won second Best Paper Award-2012 of Indian Society for Training and Development (ISTD).
- Won Second Best Paper in XIII International Seminar on Ethics, Morality & Spirituality: Organized by Delhi School of Professional Studies and Research (DSPSR) in 2012

Dr. Pradeep Kumar

- Summer Teacher Fellowship of Indian Academy of Sciences (2002)

Dr. Manoj Mishra

- Science Communication For Agri -Innovation Award For Outstanding Contribution in the Field Of Mass-Communication in National Conference On Reinvigorating Agricultural Innovations For Farmers Empowerment and Development (RAINFED-2015), organized by GKV Society, Agra, India, at University Auditorium, PJTSAU, Hyderabad on 03<sup>rd</sup>-04<sup>th</sup>, May, ,2015

Mr. Dharmendra Singh

- First prize for outstanding presentation, in International Conference at KGMU, Lucknow on discovery of new drugs from natural sources-2008

#### **2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?**

The brief information of the faculty who has undergone various staff development programmes in last four years (2011-2015) are given below.

<b>Academic Staff Development Programme</b>	<b>No. of Faculty</b>
Refresher Courses/orientation	22
HRD Programmes	-
Staff Training conducted by the University	-
Staff Training conducted by other institutions	-
Summer/Winter Schools, Workshops	57

#### **2.4.9 What percentage of faculty has**

- **Been invited as resource persons in workshops/seminars/conferences organized by external professional agencies? 20%**
- **Participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies? 90%**
- **Presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? 80%**
- **Teaching experience in other universities/national institutions and other institutions? 10%**

- **Industrial engagement?** 0%
- **International experience in teaching?** 0%

The information will be provided to peer team during site visit.

**2.4.10 How often does the University organize academic development programmes (e.g.: curriculum development, teaching-learning methods, examination reforms, content/knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?**

**Curriculum development:**

The board of studies in each department meets once every year to discuss and incorporate changes in the curriculum related to course content, teaching-learning methods and examination reforms. The internal faculty and external experts have autonomy to propose changes as per the requirement of the changing environment of the subject. Faculty of Science has initiated the initial activities towards the implementation of Choice Based Credit System and awareness lectures have been organized eminent professors.

The University considers adopting Choice Based Credit System (CBCS). Two worksops for acquaintace with CBCS system has have been organized, the most recent one organized on September 20, 2016. The experts of the area Prof. Janak Pandey, Former Vice-Chancellor, Central University, Bihar, Patna and Prof. KP Srivastva, Banras Hindu University, Varanasi deliberated upon the issues. Participants from affiliated colleges, University Teaching Departments and the staff of Academic Section participated in large numbers. In this regard the Faculty of Science has initiated the initial activities towards the implementation of CBCS.

**Teaching-learning methods:**

Class room teaching is complemented with workshops, invited lectures, field trips and extension activities bringing diversity in teaching-learning methods. Use of ICT based learning and projects assigned to the students for experiential learning.

**Examination reforms:**

The Examination Committee constituting of Administrative members and Deans also recommends examination reforms in terms of question paper setting (including short and long answer questions with word limits) and related issues to ensure transparency and timely assessment and evaluation. Supplementary exams (Back paper) are also conducted along with regular exams in odd as well as even semesters of the campus courses and improvement examinations for the courses of affiliated colleges. It also

works on creation and management of student data base with help of online filling up of examination forms and auto generation of admit card. Regular meetings are held in group to suggest reform process.

**Content/knowledge management:**

The University encourages the departments to organize seminars/conferences, conclave, and workshops at national/international level. Leading experts are invited to deliver special lectures.

**2.4.11 Does the University have a mechanism to encourage**

- **Mobility of faculty between universities for teaching?**
- **Faculty exchange programmes with national and international bodies?**

**If yes, how have these schemes helped in enriching the quality of the faculty?**

The University encourages faculty to accept invitations and deliver special lectures in other Universities and institutions. Several faculty members have been granted extra ordinary leave to join other assignments also.

The University has initiated efforts for MOUs with other institutions/bodies for collaboration and exchange programmes to facilitate academic cooperation and initiatives in the areas of joint research, policy dialogue and capacity building.

**2.5 EVALUATION PROCESS AND REFORMS**

**2.5.1 How does the University ensure that all the stakeholders are aware of the evaluation processes that are operative?**

The University conducts Orientation/Induction session of newly admitted students to familiarize them teaching-learning system and other facilities of the University. Workshops have been organized in affiliated colleges under IQAC programme. An orientation is also organized by the Departments to aware them with the Academic and Assessment system. It includes teaching-learning process, laboratory and library facilities and the evaluation techniques.

Information regarding the semester curriculum, syllabi, details of examination, back paper, scrutiny of answer sheets, declaration of result through Academic Calendar, Prospectus, display on notice board and University website. Students are informed regarding pattern of exam and question types.

**2.5.2 What are the important examination reforms initiated by the University and to what extent have they been implemented in the University departments and**



**affiliated colleges? Cite a few examples which have positively impacted the examination management system.**

The University has initiated various reforms in the examination system.

a.) Examination pattern:

The question paper structure has been modified and standardized. Each paper consists of three sections, Section-A is compulsory with ten questions to be answered within 50 words; Section-B has five compulsory questions, each with an alternative and to be answered within 200 words; Section-C has five questions, out of which a student has to attempt any two, each in 500 words. A student is supplied with only one answer sheet. This step has made the examination very objective covering the entire syllabus and quality oriented. Moreover, the student is given a single answer booklet to write the answers within word limit objectively.

b.) Online process in submission of examination forms and declaration of result:

Online pre-examination process has been introduced. Around Five Lakh students submitted examination forms online and get their roll numbers and admit card online and access information regarding examination centers and results for various courses offered by the University. The admit card is generated only after online verification by the department/ college. The facility is extended to all PG and UG students in the campus and those studying in various affiliated colleges situated in remote area of the university. The official website includes details regarding the procedure of filling the form '<http://www.vbspuexams.com/>' and results are declared online '<http://vbspuonline.in/index.html>'. Mark sheets are generated in e-form on real time basis and issued hard copy of mark sheet/degree is protected with security features against counterfeit/forgery.

c.) Centralized evaluation:

The answer-sheets are centrally evaluated for campus courses and courses run in affiliated colleges. Before evaluation, coding technique is adopted for all answer-sheets to avoid biasness. Central evaluation curbs unfair practices and ensures correction of copies within time and declaration of results. There is separate Technical Cell to handle the post-examination work of campus courses. All annual courses results are declared before 30<sup>th</sup> June and semester courses results are declared by before 31<sup>st</sup> December and 30<sup>th</sup> June for odd and even semesters.

Transparency is maintained through supervision, coding and CCTV Cameras. Also the students are shown their internal examination copies and signed by them.

d.) Back paper exam:

Back paper exams are carried out along with the respective odd and even exams.

e.) Online result declaration:

The post-examination process has been made computerized, all the data is tabulated in computers. The results are displayed on University website. The entrance exams conducted in the campus are in form of Multiple Choice Questions and its form and results are also displayed in the website. These small steps of reform have positively impacted the examination management system.

f.) Conducting exam:

The semester exams of the campus courses are centrally conducted that brings more transparency to the system. The exams in the college are also conducted by the centralized paper setting, distribution, and center allotment process to reduce biasness. Proctorial board and team of observers keep a watch on the examination centers to evade malpractices.

g.) Grievance handling mechanism: Admission Complaints Redressal Committee, Anti-ragging Committee, Examination Committee, UFM Committee, Women Sexual Harassment Prevention Committee, SC/ST Advisory Committee, along with various sub committees to address different issues.

**2.5.3 What is the average time taken by the University for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode/media adopted by the University for publication of examination results (e.g. website, SMS, email, etc.).**

On an average the result of campus courses are declared within twenty days from the date of completion of semester examination. At times the results are delayed, in such cases, the technical cell takes follow-up and action is taken to get the results declared. The results of the entrance exams are declared within a week. Presently all the results of affiliating colleges are posted on University website within 20 days of completion of annual examination which was 24<sup>th</sup> June, 2016.

**2.5.4 How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the University to ensure confidentiality?**

The University ensures transparency through various means:

In case of internal examinations, the answer sheets are shown to the students after evaluation.

For evaluation of semester and annual exams, the appointment of evaluators are recommended by concerned Board of Studies and are duly approved by the Vice-Chancellor. The evaluation process is supervised in a centralized mechanism under the Examination Controller. The answer books are in coded and given to the evaluators for evaluation in the centralized arrangement. Five lakh students appear in the exams more than 31 lakh answer books are evaluated. Supervision of central evaluation with the help of CCTV Cameras adds to maintain transparency and sanctity in the process. Computerized CF, on line posting of result facilitates the transparent and quick of result for stake holders.

There are systemic structures in place such as the Academic and Administrative Committees to address any grievances in relation to teaching, learning and evaluation. There is full-fledged confidential section under Controller of Examination to carry out the paper setting, distribution of question papers and collection of answer sheet. The section maintains strict confidentiality. Paper setters, appointed by Board of Studies, set the question paper, sealed and signed on the envelope. Full confidentiality and secrecy is ensured with reference to examination. Coding and decoding process further ensures confidentiality in the process. There is a separate strong room section for the work.

#### **2.5.5 Does the University have an integrated examination platform for the following processes?**

- **Pre-examination processes- Time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.**
- **Examination process- Examination material management, logistics, etc.**
- **Post-examination process- Attendance capture, OMR-based exam result, auto processing, generic result processing, certification, etc.**

The University has an integrated examination platform; it makes an elaborate arrangement for the processes involved about more than 31 lakh copies are evaluated under the centralized process from departments in the University and colleges.

#### **Pre-examination processes**

- Online forms are displayed for examination (in November for annual exams scheduled March/ in November and March for Semester exams scheduled in December and May, respectively).

- Affiliated colleges are issued login password to verify students examination, the examination fee is deposited in University account. Their roll number and admit card is generated online and hard copy is collected by the student.
- Examination Committee frames the Time table and declares center for examination after consulting the Dean and the Examination Superintendent. This information is displayed on website. (exams of all courses are conducted together in the campus).
- Student list is generated from online form fill-up.
- Invigilators are allocated by the concerned examination center, whereas flying Squad and observers are allocated by the University (district-wise for affiliated colleges as these colleges are scattered in five districts viz. Jaunpur, Azamgarh, Mau, Ghazipur, Allahabad ).

### **Examination process**

All the examinations are held at examination centers identified by the University to check the malpractices, ensure transparency and sanctity. The centre schedule and other arrangements for students are well prepared and announced in advance. The examination materials related to conduct of examination and logistics are centrally provided by the office of the Controller of Examination involving secretarial staff whereas invigilation is taken care of by teaching in groups of flying squad and observers.

### **Post-examination process**

- Collection center is made in every district, where the copies are collected after exam and weekly these copies are sent to the University for Centralized Evaluation.
- OMR sheet is also used for the exams along with process of coding by blind folding the answer books, more than 31 lakh in number.
- Attendance is collected in a format along with checking of admit card.
- Central evaluation is followed for programmes in the University campus and colleges. The process is carried out in close inspection of CCTV camera.
- Computerized tabulation, result preparation and declaration of result on the website have fastened the process. Computerized certificate/degree printing with photo is also in place and security measures are taken in printing of the

mark sheets so that counterfeiting is prohibited. The answer sheets are stored for a period of six months.

- After declaration of result and corrections made in case of errors found, mark sheets and certificates are printed and issued to the colleges for distribution among the students after convening the Convocation chaired by Hon'ble Governor of Uttar Pradesh and Chancellor of the University.

#### **2.5.6 Has the University introduced any reforms in its Ph.D. evaluation process?**

The University has made certain reforms in its Ph. D. evaluation process on the framework of New Ph.D. Ordinance, 2014 (based on the UGC regulations, 2009). It includes;

- Comprehensive Ph.D.. Entrance Exam
- Course work as mandated by UGC regulations 2009 is introduced in all faculties.
- Compulsory paper on research methodology to improve quality of research.
- Assessment of research progress every 6 months by Research Development Committee (RDC).
- Two publications in journals with ISSN number in the topic of research are made compulsory before thesis submission.
- All the RDC Conveners are requested to send the Panel of Examiners. Evaluation of thesis is done by 3 examiners specializing in the area of research.
- At the time of submission of thesis the CD (soft copy) of the thesis is also obtained from the candidate. The thesis is uploaded on Shodhganga of UGC-INFLIBNET.

In case of Ph. D's registered before 2009, the thesis is evaluated by two external experts along with the Supervisor, one from the state and one outside the state . They are appointed by the Vice-Chancellor. Publication of two research paper in peer reviewed journal/ journal with ISSN number before thesis submission, video recording during viva-voce, etc. are some steps in the process of Ph. D. evaluation.

#### **2.5.7 Has the University created any provision for including the name of the college in the degree certificate?**

The name of college is mentioned in the degree certificate.

#### **2.5.8 What is the mechanism for redressal of grievances with reference to examinations?**

For redressal of grievances related to examination, the following provisions have been made by the University:

- The complaint is received by the office of the examination controller and the concerned office addresses the issue.
- There is provision of scrutiny, where the student wants the paper to be scrutinized.
- In case of unfair means, a UFM committee is constituted to look after the cases and resolve the issue within two months.
- Holding back paper/improvement examination.
- Individual representations are decided by examination committee and its sub committees.
- As per UGC guideline 2015 to address the grievances of the students related to examination and admission, the University has crated '*on line student grievances redressal portal*' on University web site in which after feeding student basic personal information can directly post their grievances. Grievances attended by a Nodal Officer promptly. Most of the grievances are sorted out by telephones or referred to the concerned competent authority of the University depending on type of the problem. Proper doucumentation of the on line grievances are maintained. The University has in place an email [vcpurvanchaluniversity@rediffmail.com](mailto:vcpurvanchaluniversity@rediffmail.com), the students can directly post their grievances to this email to the Vice Chancellor. The details of the nature of grievances reported are: related to mark sheets/degree certificates, result-related inquiry, re-evaluation, fee-related inquiry, corrections in examination form after online fill up, scholarship form fill up inquiry, etc. Theseare referred to the concerned grievance cell is referred the grievance for redressal.

**2.5.9 What efforts have been made by the University to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.**

To streamline the operations at the Office of the Controller of Examinations, the pre and post evaluation task has been separated. Also, the system for affiliated colleges and the campus courses are handled by two separate units.

Online generation of admit card along with allotment of roll number,automation in tabulation of marks, display of result and e-mark sheet on the website has streamlined the process.

## **2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES**

### **2.6.1 Has the University articulated its Graduate Attributes? If so, how does it facilitate and monitor its implementation and outcome?**

The Graduate Attributes form the core of any course. The basic qualities for a professional graduate are to adhere to the professional ethics of the discipline and contribute to the cause of goodness. The University articulates it through its mission, vision and objectives. The knowledge and skill imparted to the students prepare them to be a better person in life. Other than class room teaching, extension and volunteer activities, Sports/NCC/NSS/Rovers Rangers activities, field trips, training and other opportunities of experiential learning articulates its graduate attributes to a productive and meaningful path by inculcating a sense of self-confidence, courage and sincerity among the students. The University provides facilities for improving the soft skills and personality development to enhance their employability opportunities.

### **2.6.2 Does the University have clearly stated learning outcomes for its academic programmes? If yes, give details on how the students and staff are made aware of these?**

The learning outcomes are given in the form of objectives in the Admission and Placement Brochure of the course. In the orientation programme, the learning objective is explained to the students. The syllabus content and lecture schedules are designed to inculcate a complete understanding of the subject through theoretical and practical understanding. The professional programmes offered by the University Departments are focus on summer training/internship, dissertation, industry projects and seminars as part of the syllabi. Faculty guides, monitors and evaluates the student performance on these components. Thus it is through arranging weekly interaction sessions that the performance of the students is monitored by the faculty in their respective departments. The faculty in charge carefully monitors the regularity of attendance, participation in seminars and other activities and also the performance of students in internal tests/ semester examinations.

### **2.6.3 How are the University's teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?**

The University's teaching, learning and assessment strategies are framed through its structured bodies in form of Departmental Committees, Board of Studies, Academic Council, and Executive Council. The inputs from the stakeholders in the committees

are incorporated in curriculum development and performance evaluation criteria. The learning outcomes are achieved through planned teaching of course curriculum and regular updating the content, use of modern methods of learning such as e-learning, field visits, training, dissertation and assessment made objective through sessionals, assignment, presentation, projects, etc. Equal thrust is given on measures for developing faculty through their participation in seminars, FDPs, refresher courses, orientation programs and workshops.

**2.6.4 How does the University collect and analyze data on student learning outcomes and use it to overcome the barriers to learning?**

Learning outcomes are obtained at different stages of the process and is based on the curriculum and syllabi. The initial results are available from the scores in tests, presentations and classroom discussion. Final examination results and pass percentage indicate the learning outcomes. Remedial classes and assignments help to bring improvement.

**2.6.5 What are the new technologies deployed by the University in enhancing student learning and evaluation and how does it seek to meet fresh/future challenges?**

The University ensures that all the departments have a smart classroom with modern equipments like LCD projector, encourage use of internet facility, well equipped lab, and automated examination system to meet future challenges.

ICT enabled learning environment with e-resources and diverse teaching pedagogy further ensure student learning enhancement.



**CRITERION: III**  
**RESEARCH, CONSULTANCY AND EXTENSION**

**3.1 PROMOTION OF RESEARCH**

**3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.**

To improve research quality in the University, New Ph.D. Ordinance, 2014 has been framed as per guidelines given in UGC Regulations, 2009.

- For implementation of the provisions, a Ph.D. Admission Committee was constituted with Senior Professor from the University, Principal from College, two Faculties from University and College and an Assistant Registrar-Academics as convener to initiate the admission of candidates for Ph.D. in session 2015-16 continuing in 2016-17 also.
- The course work for doctoral degree is framed at the departmental level in Board of Studies (BOS) and approved by the Academic Council (AC) of the university.
- Research Degree Committee (RDC) constitutes of Vice-Chancellor as Chairman, Dean /Director of Faculty, Head of Department and two experts as members from outside the university/research institute. Each Department has a RDC to take up the research related issues of the Ph. D students in the department. This committee evaluates and approves faculty members' candidature to be Supervisor as per the eligibility criteria. It evaluates the synopsis submitted by Ph.D. students. RDCs consist of two subject experts from across the Country.
- Academic Council is the body consisting of Vice-Chancellor as the Chairperson, Deans, Principals, Head of Departments and senior faculties as its members representing the campus courses and the affiliating colleges. The recommendations are approved/ disapproved by this body related to research issues.

Some recommendations made by the Committees:

- ✓ Criteria for giving weightage to the candidates in short listing process, especially for all those who fall in the same category of eligibility.

Impact: This helped in objectively calculating total weightage points and

accordingly preparing the merit list.

- ✓ For transparency in the process, criteria for selection and weightage of candidates were hosted on the website ([www.vbspu.ac.in](http://www.vbspu.ac.in))

Impact: The candidates were clear about their position in the merit rank. Also, any grievance was immediately tracked and promptly responded during the counseling process.

- ✓ Constitution of a Cell to look after the Course work was recommended with details.

Impact: Steps have been initiated by the University to prepare a structure to address the issues related to providing course work in the Campus to a large number of Ph.D. scholars.

- ✓ Students who have registered for Ph. D before implementation of UGC 2009 regulation are in the process of submitting their report. In this regard the RDC and Academic Council is working towards solution befitting the situation and student future.

### **3.1.2 What is the policy of the university to promote research in its affiliated / constituent colleges?**

- The University has initiated admission of Ph. D students in 2015-16 session. It is working towards development of affiliated colleges that run PG courses, as research centers for course work in specific subject and capacity building.
- The University encourages the college faculties to actively involve themselves in research. The regular college faculties holding PhD degree with five year experience of teaching to post graduate classes are entitled for supervising PhD thesis. Many students have been awarded PhD degrees under the supervision of college faculties (before implementation of UGC regulation 2009).
- The college faculties can collaborate with the labs and other research groups of the University and carry on their research work. They can also access the Library and other e-resources in the campus of the University.
- The college faculties are invited to attend conferences/workshops/seminars organized by the University. They are also part of core members organizing research and learning workshops and conferences in the campus.

- There is a regular interaction going on to implement the course work centers and related activities.

### 3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/projects?

- \* **advancing funds for sanctioned projects**
- \* **providing seed money**
- \* **simplification of procedures related to sanctions / purchases to be made by the investigators**
- \* **autonomy to the principal investigator/coordinator for utilizing overhead charges**
- \* **timely release of grants**
- \* **timely auditing**
- \* **submission of utilization certificate to the funding authorities**
- The University extends full support while implementing the research projects by the individual researchers within the framework of rules and regulations. The university formed a purchase committee in supervision of Finance Officer (FO) for purchase of equipment, chemicals, glass wares, plastic wares and other consumables etc. Quotation and Tenders are also invited as per amount for qualifying suppliers to supply the specified items to supply the materials related to research in time.
- To protect the research interest of the teacher the University has initiated the start up grant and initially Rs. 6,50,000/- released-

S N	Principal Investigators	Co- investigator	Dura tion	Total amount		Title
				1 <sup>st</sup> yr	2 <sup>nd</sup> yr	
1	Dr. Santosh Kumar Deptt. Of Physics	Dr. Raj Kumar Deptt Of Mathematics	1.5 Yr	40,000/-	20,000 /-	Close form soluti Natural convection Rectangular Enclos Using Si Transformations Meth
2	Mr. Sanjeev Gangawar, Deptt. of ISE and IT	Mr. Prashant Kumar Yadav, Deptt. of ISE and IT	2 Yr	55,000/-	15,000 /-	IS PUBLIC- KEY CRYPTOGRAPHY POSSIBLE for highly secured connection- AnAnalysis.
3	Dr. Saurabh Pal, Department of MCA	Nil	2 Yr	50,000/-	15,000 /-	Application of data mining techniques with special

						reference to academic performance monitoring and evaluation in higher education.
4	Dr. Raj Kumar Deptt Of Mathematics	Dr. Mukesh Kumar, MNNIT, Allahabad	1 Yr	95,000/-	Nil	On exact solution of (3+1)- burgers equation using similarity transformation method.
5	Dr. Ashok Kumar Srivastava, Deptt. of applied chemistry	Dr. Amrendrakumar Singh, Deptt. of applied chemistry	1 Yr	95,000/-		To investigate the biological chemical and toxological parameter of water and soil pollution.
6	Dr. Ajay Pratap Singh, Deptt. of Applied Psychology	Nil	2 Yr	85,000/-	Nil	Leadership style organisational justice and organisational structure and its effects on organisational commitment and job satisfaction.
7	Dr. Rajesh Sharma, Deptt. of Biotechnology	Dr. S.P. Tiwari, Deptt. of Microbiology	1 Yr	90,000/-	Nil	Exploration of bacterial communities in the university surrounding for the production of alkaline proteases.
8	Dr. Noopur Goel, Deptt. of MCA	Nil	2 Yr	45,000/-	45,000 /-	Some observation on modernization and maintainability of legacy systems.
	<b>TOTAL</b>			<b>Rs. 6, 50, 000/-</b>		

The Principal Investigator of the project has the autonomy to spend the fund under contingency and in purchase of other equipments PI makes the specifications of the product.

- The university mobilizes the grant to principal Investigator (PI) in time and utilization certificates are submitted to different funding agencies regularly by Registrar of the university.

### 3.1.4 How is interdisciplinary research promoted?

- \* **between/among different departments /schools of the university and**
- \* **collaboration with national/international institutes / industries.**

Academic Council of the University has resolved to promote inter-disciplinary research and to collaborate with other institutions and work on MoU for it. An

MoU has been signed with IIT, Mumbai to impart training on Software training to students in the University departments and colleges.

### **3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus.**

The University gives full freedom to all its teaching departments for conducting workshops and other training programs, and also extends adequate financial and administrative support. In addition, the University also made provision to arrange the lectures of eminent personalities. The departments in the University organized several workshops/ conferences/ seminar/ training programs/ sensitization programs, which promoted research environment on the campus.

#### **List of recent workshops/conferences organized:**

1. Workshop on "User Awareness on Access for e-Resources", held on August 29, 2016.

Vivekanand Library along with Pearson India Education organized one day workshop in the university to aware the faculty members and Ph. D. students about the e-resources and plagiarism.

2. Three days workshop on "**Research Methodology and Computer Application-Workshop-I**" for Ph D students of MBE,HRD,MBA, Commerce, Applied Psychology, Economics, Psychology, Sociology departments, held on June 21-23,2016.

The University has organized series of four workshops w. e. f 21-6-2016 for Ph. D. students enrolled for course work, 2016 in different disciplines. Subjects experts from National Institutes, Research Laboratories, and Universities delivered lectures on different aspects related to Ph. D. like how to access e-resources for literature search, selection of problem, how to write review of literature, collection of data, importance sample size calculation, hypothesis testing, statistical analysis of collected data, tips for thesis writing and article publication and hands on training of computers. In all four workshops, experts demonstrated uses of SPSS in statistical analysis.

Total 69 students of departments of MBE, HRD, MBA, Commerce, Applied Psychology, Economics, Psychology, and Sociology have attended the workshop I.

#### **List of speakers delivered lectures in workshop I:**

<b>S. N</b>	<b>Name of Speaker</b>	<b>e-mail ID</b>	<b>Topic</b>
1.	Prof Peesh Ranjan Agrawal Vice Chancellor VBS Purvanchal University Jaunpur	vcpurvanchaluniversity@rediffmail.com	'Dynamics of International Convergence: Begin with holistic view'
2.	Prof O P Rai Pro Vice Chancellor Bihar Central University Gaya	prof.oprai@gmail.com	'Process of Research Methodology'
3.	Dr Tanuj Nandan Associate Professor School of Management Studies MNNIT Allahabad-211004	tanujnandan@gmail.com	"Applications of SPSS on research data Analysis"
4.	Dr Vivekanand Jain Dy Librarian Banaras Hindu University Varanasi-221005	<a href="mailto:vivek_digora@rediffmail.com">vivek_digora@rediffmail.com</a>	Introduction to e-resource
5.	Prof Arvind Joshi Deptt of Sociology Banaras Hindu University Varanasi-221005	<a href="mailto:arvindvns@outlook.com">arvindvns@outlook.com</a>	"Research methodology of Social Sciences"
6.	Dr Kushendra Mishra Deptt of Management BabasahebBhimRaoAmbedkar Central University Lucknow-226025	kushendra78@gmail.com	"Importance of Research Methodology in Research"
7.	Dr Vibhuti Tripathi Assistant Professor School of Management Studies MNNIT Allahabad-211004	vibhuti@mnnit.ac.in	Computer Application: Hands on training
8.	Dr Shashi Srivastava Faculty of Management Studies Banaras Hindu University Varanasi-2221005	shashisrivastava@fmsbhu.ac.in	"Preparation of Research Proposal"
9.	Prof R K Lodhwal Faculty of Management Studies Banaras Hindu University Varanasi-221005	<a href="mailto:rklohdwal@fmsbhu.ac.in">rklohdwal@fmsbhu.ac.in</a>	"Sampling Design"
10	Prof A K Kaul Deptt of Sociology Banaras Hindu University Varanasi-221005	<a href="mailto:ashokkaulbhu@gmail.com">ashokkaulbhu@gmail.com</a>	"Importance of Research methodology in Social Sciences"

3. Three days workshop on "**Research Methodology and Computer Application Workshop-II**" for Ph D students of Biotechnology, Mathematics, Military Science, Physic, Chemistry, Botany, and Zoology departments, held on June 22-24,2016. Total 49 students of departments of Biotechnology, Mathematics, Military Science, Physic, Chemistry, Botany and Zoology have attended the workshop II.

**List of speakers delivered lectures in workshop II:**

S. N	Name of Speaker	e-mail ID	Topic
1.	Prof A K Rai Deptt of Botany Banaras Hindu University Varanasi-221005	akrai@bhu.ac.in	(i)“Tips for Thesis and Paper Writing” (ii) “How the data should be analyzed?”
2.	Prof Devesh Kumar Associate Professor, Department of Applied Physics, Baba SahabBhimRao Central University, Lucknow-226025	dkclcre@yahoo.com	"Research outcomes"
3.	DrVibhutiTripathi Assistant Professor School of Management Studies MNNIT Allahabad-211004	vibhuti@mnnit.ac.in	" Applications of SPSS on research data Analysis "
4.	DrNoopurTewari Deptt of Computer Applications VBS Purvanchal University Jaunpur	Noopur11@gmail.com	Computer Application: Hands on training
5.	Dr Sanjeev Sarraf Dy Librarian Banaras Hindu University Varanasi-221005	-	Introduction to e-resource
6.	Prof S B Nimse Vice Chancellor, Lucknow University, Lucknow- 226007	dr.sbnimse@rediff mail.com	Mathematics and Research
7.	Prof Lallan Mishra Deptt of Chemistry Banaras Hindu University Varanasi-221005	lmishrabhu@yahoo. co.in	"Introduction to Research Methodology"
8.	DrRakesh Kr Singh Asst Professor (Research) Translational Science Lab FSU College of Medicine, Tallahassee, Florida, USA	<a href="mailto:rakesh.singh@fsu.edu">rakesh.singh@fsu.edu</a>	“Importance of Research Methodology”
9.	DrSaurabh Pal Deptt of Computer	drsaurabhpal@yahoo. co.in	Hands on training (Computer Application)

	Applications VBS Purvanchal University Jaunpur-222003		
10	Dr Gyan Prakash Deptt of Community Medicine Institute of Medical Sciences Banaras Hindu University Varanasi-221005	singhgpbhu@gmail.com	(i)"Basics of Biostatistics" (ii)"Role of statistics in Biological Research"

4. Three days workshop on "**Research Methodology and Computer Application Workshop-III**" for Ph D students of Education (Faculty of Education), Philosophy, Education (Faculty of Arts), and Geography departments on June 23-25,2016, organized by VBS Purvanchal University.

Total 114 students of departments of Education (Faculty of Education), Philosophy, Education (Faculty of Arts), and Geography have attended the workshop III.

**List of speakers delivered lectures in workshop III:**

S N	Name of Speaker	e-mail ID	Topic
1.	Prof A K Kaul Deptt of Sociology Banaras Hindu University Varanasi-221005	<a href="mailto:ashokkaulbhu@gmail.com">ashokkaulbhu@gmail.com</a>	Importance of research methodology in social sciences
2.	Prof Vachaspati Dwivedi Sampoornanand Sanskrit Vishwavidyalaya Varanasi-221005	-	How to write thesis
3.	Prof Ram Mohan Pathak Former Director, MMMH Patrakarita Sansthan, MGK Vidyapith University, Varanasi-221002	-	Important components of research
4.	Prof Ram Bilas Department of Geography, Banaras Hindu University, Varanasi- 221005	dr.rbyadav@gmail.com	Approaches of research methodology in Geography
5.	Prof Kripa Shanker Department of Philosophy Banaras Hindu University Varanasi-221005	-	Importance of research methodology
6.	Dr Tushar Singh Assistant Professor, Department of Psychology,	tusharsinghalld@gmail.com	"Introduction to Research"



	Banaras Hindu University, Varanasi-221005		
7.	Dr Jyoti Mishra Dy Librarian Lucknow University, Lucknow	jyotimisra@yahoo.com	Introduction to e-resource
8.	Dr Saurabh Pal Deptt of Computer Applications VBS Purvanchal University Jaunpur-222003	drsaurabhpal@yahoo.co.in	Hands on training (Computer Application)
9.	Prof Gita Rai Department of Education, Banaras Hindu University Varanasi-221005	-	Common methodology used in Education
10	Prof Rama Shanker Tripathi Department of Sociology MGKVP, Varanasi-221002	-	Importance of statistical approaches in thesis
11	Prof D Ganga Dhar Department of Philosophy, Banaras Hindu University Varanasi-221005	-	Research in Philosophy

5. Three days workshop on "**Research Methodology and Computer Application Workshop-IV**" for Ph D students of English, Urdu, Hindi, Sanskrit, History, Ancient History, and Political Science departments, held on June 24-26, 2016.

Total 130 students of departments of English, Urdu, Hindi, Sanskrit, History, Ancient History, and Political Science have attended the workshop IV.

**List of speakers delivered lectures in workshop IV:**

S N	Name of Speaker	E-mail address	Title of Talk
1.	Prof Kirti Singh, Former Vice Chancellor Near T D College Gate Jaunpur	kirtising1934@hotmail.com	"Importance of course work in research"
2.	Dr Tushar Singh Department of Psychology, Banaras Hindu University Varanasi-221005	tusharsinghalld@gmail.com	Introduction to Research
3.	Prof Upendra Pandey Deptt of Sanskrit Banaras Hindu University Varanasi -221005	-	□□□□□□□□ □□□□□□ □□ □□□□□□□□
4.	Dr Jyoti Mishra	jyotimisra@yahoo.co	Introduction to e-resource

	Dy Librarian Lucknow University, Lucknow	m	
5.	Prof Avinash Chandra Pandey Former Vice Chancellor, Bundelkhand University, Jhansi	<a href="mailto:prof.avinashpandey@gmail.com">prof.avinashpandey@gmail.com</a>	"Introduction to Research Papers"
6.	DrAtul Singh Associate Professor Deptt of Psychology Allahabad Degree College Allahabad-211002	aksingh.adc@gmail.com	"Introduction of SPSS"
7.	Dr H K Chakraborty Department of Library and Information Science, Sampoornanand Sanskrit Vishwavidyalaya, Varanasi-221002	hirakchak20@rediffmail.com	Introduction to e-resource
8.	Dr Saurabh Pal Deptt of Computer Applications VBS Purvanchal University Jaunpur-222003	drsaurabhpal@yahoo.co.in	Computer Application: Hands on training
9.	Prof HerambChaturvedi Deptt of Medieval History University of Allahabad Allahabad-211002	<a href="mailto:heramb.chaturvedi@gmail.com">heramb.chaturvedi@gmail.com</a>	“□□□□□□□□□□ □□□□□□□□ □□□□ □□□□□□□□”
10	Dr A K Mishra Deptt of English DCSK PG College Mau	Dr.akmishradesk1960@gmail.com	“How to write research paper and use of MLA style sheet 8 <sup>th</sup> edition?”

6. **"Workshop on Writing Research Paper"**, held on November 30, 2015 organized by Vivekanand Central Library and Sage Publication India Pvt Ltd.
7. **"Author Workshop"**, held on October 31, 2015, organized by Vivekanand Central Library and Springer India.
8. One day workshop on **"Revisit of Guidelines & Modalities for Ph. D. Programme"** held on May 8, 2015, organized by VBS Purvanchal university.  
University also organized a workshop for conveners of RDC to acquaint them about guidelines of Ph. D. programs.
9. **"Recent Trend in Pharmaceutical Sciences"**, held on 8th & 9th April, 2015, organized by Faculty of Pharmacy.

10. Two days National Conference on “**Biotechnology and Human Welfare: New Vistas**” March 21-22, 2015, organized by Department of Biotechnology VBS Purvanchal University, Jaunpur (Sponsored by DST,ICMR,UGC).

More than 200 participants from several institutions like- IIT-Delhi, Roorkee, Kanpur, Assam, MNNIT-Allahabad, National centre for Cell Science-Pune, National Institute of Immunology-Delhi, Institute of Genomics and Integrative Biology, Delhi, CDRI, IITR, NBRI, SGPGI, KGMU, and NBFGR (National Bureau of Fish Genetic Resources)- Lucknow, IVRI-Bareilly, IIVR-Varanasi and also from different Central and state Universities have participated in the conference. The conference provided an excellent opportunities to network, share ideas and form collaborations with Universities, scientific institutes. Deliberations by the eminent speakers inspired and oriented Ph D. and PG students of science faculty.

**List of eminent delegates participated in the conference:**

<b>Name</b>	<b>Address</b>	<b>Title</b>
Dr. Lalji Singh	Bhatnagar Fellow (CSIR) and former Director, CCMB, Hyderabad	Genetic diversity in Indian populations and its health implications.
Prof Rajiva Raman	Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi	Geographically Restricted distribution of Sickle Cell Disease in India: Geographical Barrier or Genetic Heterogeneity
Dr Rakesh K Mishra	Center for Cellular and Molecular Biology, Uppal Road, Hyderabad	Genomic packaging, chromatin domain boundaries and epigenetic regulation of genes
Prof Saroj Mishra	Department of Biochemical Engineering and Biotechnology Indian Institute of Technology Delhi, Hauz-Khas, New-Delhi	Degradation of reactive dyes by engineered laccase from <i>Cyathusbulleri</i>
Prof ShubhRao Phadke	Department of Urology and Renal Transplantation, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Raebareli Road, Lucknow	Prenatal Diagnosis
Prof S Ganesh	Indian Institute of Technology, Kanpur	Molecular basis of locus heterogeneity in Lafora disease
Dr Dwaipayan Bharadwaj	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Type 2 Diabetes susceptibility and the ‘Cursed’ genes
Dr D. Kar Chowdhuri	CSIR-Indian Institute of Toxicology Research, Mahatma Gandhi Marg Lucknow	Smaller organisms, bigger roles: Relevance to environmental and human health

Prof Gopeshwar Narayan	Cancer Genetics Laboratory, Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi	Role of CXCR4 signaling in cervical cancer progression and metastases
Dr Bhupendra N Singh.	Principal Scientist, Division of Microbiology, CSIR-Central Drug Research Institute, Lucknow	Decoding transcriptional regulatory circuits of FAS-II elongation pathway in mycobacteria
Dr Shantanu Sengupta	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Identification of potential markers for coronary heart disease (CAD): Integrating proteomics and metabolomics approach
Prof Santosh Kumar Dubey	Department of Microbiology, Goa University Taleigao Plateau, Goa	Fate of Organotin Biocide, TBTCI in Marine Environment
Prof Kavita Shah	Institute of Environment and Sustainable Development Banaras Hindu University Varanasi	Understanding enigmas in adaptation biology using bioinformatics tools
Dr U. D. Gupta	Deputy Director (SG) NJIL&OMD, Tajganj, Agra	Efficacy of Moxifloxacin and Econazole against MDR-TB strains in murine model
Prof Dinesh Yadav	Department of Biotechnology D.D.U Gorakhpur University, Gorakhpur	Genomics and bioinformatics perspectives of DOF (DNA binding with one finger transcription factor gene family)

11. National Seminar on "**Emerging Trends in Applied Psychology**", held on February 11-12, 2014 (Sponsored by UGC).
12. International Workshop on "**Counseling Skills in Health Profession and Schools**", held on October 23-26, 2013(Sponsored by UGC).
13. Two days National Seminar on "**Advances on Management Practices**", held on September 19-20,2013,organized by Faculty of Management.
14. International Meet on Collaboration with American Universities and International Conference on "**Counseling and Community Psychology**", held on December, 17-19,2011(Sponsored by UGC).
15. Two days National Conference on "**Frontiers in Biological Sciences**" held on December 4-5, 2011, organized by Faculty of Sciences.

**3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?**

**3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?**

The University hosts the visits of nationally and internationally renowned personalities and takes care of their local hospitality expenses and travelling expenses. The University welcomes every outstanding researcher for deliberations at various occasions and platforms. These deliberations play a major role in promoting research environment in the campus. Recently University has signed MoU with IIIT Mumbai. In terms of the impact of such efforts the University's researchers and research culture get an exposure. Collaborative publications, joint research findings, shared prospective schemes also have been some of the impacts.

**List of Eminent experts from National Laboratories, Universities and Industries visited in the University:**

<b>Name</b>	<b>Address</b>	<b>Title</b>
Dr. Lalji Singh	Bhatnagar Fellow (CSIR) and former Director, CCMB, Hyderabad	Genetic diversity in Indian populations and its health implications.
Prof Rajiva Raman	Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi	Geographically Restricted distribution of Sickle Cell Disease in India: Geographical Barrier or Genetic Heterogeneity
Dr Rakesh K Mishra	Center for Cellular and Molecular Biology, Uppal Road, Hyderabad	Genomic packaging, chromatin domain boundaries and epigenetic regulation of genes
Prof Saroj Mishra	Department of Biochemical Engineering and Biotechnology Indian Institute of Technology Delhi, Hauz-Khas, New-Delhi	Degradation of reactive dyes by engineered laccase from <i>Cyathusbulleri</i>
Prof Shubh Rao Phadke	Department of Urology and Renal Transplantation, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Raebareli Road, Lucknow	Prenatal Diagnosis
Prof S Ganesh	Indian Institute of Technology, Kanpur	Molecular basis of locus heterogeneity in Lafora disease
Dr Dwaipayan Bharadwaj	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Type 2 Diabetes susceptibility and the 'Cursed' genes
Dr D. Kar Chowdhuri	CSIR-Indian Institute of Toxicology Research, Mahatma Gandhi Marg Lucknow	Smaller organisms, bigger roles: Relevance to environmental and human health
Prof Gopeshwar Narayan	Cancer Genetics Laboratory, Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi	Role of CXCR4 signaling in cervical cancer progression and metastases
Dr Bhupendra N Singh.	Principal Scientist, Division of Microbiology, CSIR-Central Drug Research Institute, Lucknow	Decoding transcriptional regulatory circuits of FAS-II elongation pathway in mycobacteria
DrShantanuSengupta	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Identification of potential markers for coronary heart disease (CAD): Integrating proteomics and

		metabolomics approach
Prof Santosh Kumar Dubey	Department of Microbiology, Goa University, Taleigao Plateau, Goa	Fate of Organotin Biocide, TBTCI in Marine Environment
Prof Kavita Shah	Institute of Environment and Sustainable Development Banaras Hindu University Varanasi	Understanding enigmas in adaptation biology using bioinformatics tools
Dr U. D. Gupta	Deputy Director (SG) NJIL&OMD, Tajganj, Agra	Efficacy of Moxifloxacin and Econazole against MDR-TB strains in murine model
Prof Dinesh Yadav	Department of Biotechnology D.D.U Gorakhpur University, Gorakhpur	Genomics and bioinformatics perspectives of DOF (DNA binding with one finger transcription factor gene family)
Prof Gopal Nath	Institute of Medical Sciences, Banaras Hindu University, Varanasi	Phage Therapy
Prof O P Rai	Pro VC, Bihar Central University, Gaya	'Process of Research Methodology'
Dr Tanuj Nandan	School of Management Studies, MNNIT, Allahabad-211004	An Introduction to Statistics with SPSS'
Prof Arvind Joshi	Deptt of Sociology Banaras Hindu University Varanasi-221005	Research methodology of Social Sciences
DrKushendra Mishra	Deptt of Management BabasahebBhimRaoAmbedkar Central University, Lucknow-226025	Importance of Research Methodology in Research
DrVibhutiTripathi	School of Management Studies, MNNIT, Allahabad-211004	Use of SPSS in research
Dr Shashi Srivastava	Faculty of Management Studies Banaras Hindu University, Varanasi- 2221005	Preparation of Research Proposal
Prof R K Lodhwal	Faculty of Management Studies Banaras Hindu University, Varanasi- 2221005	Sampling Design
Prof A K Kaul	Department of Sociology, Banaras Hindu University, Varanasi- 2221005	Importance of Research methodology in Social Sciences
Prof A K Rai	Department of Botany Banaras Hindu University, Varanasi- 2221005	(i) Tips for Thesis and Paper Writing (ii) How the data should be analyzed?
Prof Devesh Kumar Rai	Department of Applied Physics, Baba Sahab BhimRao Central University, Lucknow-226025	Research outcomes
Prof S B Nimse	Vice Chancellor, Lucknow University, Lucknow- 226007	Mathematics and Research
Prof Lallan Mishra	Deptt of Chemistry Banaras Hindu University, Varanasi- 221005	Introduction to Research Methodology
DrRakesh Kr Singh	Translational Science Lab, FSU College of Medicine, Talahassee,	Importance of Research Methodology

	Florida, USA	
Dr Gyan Prakash	Deptt of Community Medicine Institute of Medical Sciences Banaras Hindu University, Varanasi-221005	Role of statistics in Biological Research
Prof Vachaspati Dwivedi	Sampoornanand Sanskrit Vishwavidyalaya Varanasi-221005	How to write thesis
Prof Ram Mohan Pathak	Former Director, MMMH PatrakaritaSansthan, MGK Vidyapith University, Varanasi-221004	Important components of research
Prof Ram Bilas	Department of Geography, Banaras Hindu University, Varanasi-221005	Approaches of research methodology in Geography
Prof KripaShanker	Department of Philosophy Banaras Hindu University, Varanasi-221005	Importance of research methodology
Dr Tushar Singh	Department of Psychology, Banaras Hindu University, Varanasi-221005	Introduction to Research
Prof Gita Rai	Department of Education, Banaras Hindu University, Varanasi-221005	Common methodology used in Education
Prof Rama Shanker Tripathi	Department of Sociology MGKVP, Varanasi-221002	Importance of statistical approaches in thesis
Prof D Ganga Dhar	Department of Philosophy, Banaras Hindu University, Varanasi-221005	Research in Philosophy
Prof Kirti Singh	Fellow of Agricultural Sciences & Forestry - Horticulture, Former Vice Chancellor, Narendra Dev Agriculture University, Faizabad	Importance of course work in research
Prof UpendraPandey	Deptt of Sanskrit Banaras Hindu University Varanasi -221005	□□□□□□□□ □□□□□□ □□ □□□□□□□□
Prof Avinash Chandra Pandey	Former Vice Chancellor, Bundelkhand University, Jhansi	Introduction to Research Papers
Prof Heramb Chaturvedi	Deptt of Medieval History University of Allahabad Allahabad-211002	□□□□□□□□ □□□□ □□□□□□□□ □□ □□□□□ □□□□□□□□
Prof Bechan Sharma	Department of Biochemistry, University of Allahabad, Allahabad	HIV & AIDS current research perspective, challenges and solutions
Prof Sudhir Mehrotra	Department of Biochemistry, Lucknow University, Lucknow	Intellectual property rights (IPR): Contemporary issues
Prof Jagat Kumar Roy	Department of Zoology, Banaras Hindu University, Varanasi	Molecular basis of development
Dr Anand K Tiwari	Developmental Biology Laboratory, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba,	Fundamentals of microscopy

	Advanced Gandhinagar, Gujarat	
Mr Anuj Kumar Maurya	Executive Quality Assurance, Zeidus Cadila Health Care Limited, Vadodara, Gujarat	Brief introduction of pharmaceutical industries
Dr Deepankar Pratap Singh	FMI, Basel, Switzerland	Genome-defence small RNAs exapted for epigenetic mating-type inheritance
Dr Vijay Kumar Singh	NHL-BFM Study Centre, Deptt of Pediatric Hematology/oncology, Justus-Liebig. University Giessen, Germany	Cytotoxic T-cell immune response against acute myeloid leukemia antigen (FLT3-ITD)
Dr Gyaneshwer Chaubey	Senior Scientist, Estonia Biocentre, Tartu, Estonia	How modern technology is revolutionizing the human evolutionary genomics?
Dr Prashant Kumar Singh	Department of Pharmacology & Therapeutics, Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY14263.	Epigenetic constriction in prostate cancer-role in cancer progression and diagnostic potential
Dr Anil Kumar Singh	Department of Biotechnology, CSIR-North East Institute of Science and Technology, Jorhat, Assam	Antibody resistance: The great threat for modern drugs
Prof P S Goel	ISRO, Bengaluru	Faculty Interaction Program
Dr Maqsood Ahmed	King Saudi University, Saudi Arab	Nanotechnology: Biomedical applications and human health

### 3.1.7 What percentage of the total budget is earmarked for research? Give details of heads of expenditure, financial allocation and actual utilization.

The University budget has provisions for promoting research in form of infrastructural development, providing facilities for research, and granting scholarships to meritorious research students.

- Infrastructural facilities include purchase of equipments, establishment of labs and furniture, internet and download facility (24x7), well equipped computer labs and hostel facility at subsidized rates (Rs.25/month).
- Rich collection of reference books, back volumes of Journals, and e-resources in various areas of research.
- A part from fellowship given to students by research agencies like UGC , ICSSR; the University has initiated provision to award fellowship of Rs. 5000/month to top two research students from each department.
- Various workshops/seminars and talks by eminent academicians and journal publishers are organized giving opportunity for interaction.



<b>Heads</b>	<b>2014-15 (Rs. in thousands)</b>	<b>2015-16 (Rs. in thousands)</b>	<b>2015-16 (Rs. in thousands)</b>
Laboratories & equipment and softwares	10979	41050	26000
Computer & accessories	1179	8000	5000
Library	8210	43010	37500
Seminar/Conferences	129	955	1455
Total	20497	66015	69955
Total Budget	455143	1884890	1225562
<b>% of total budget</b>	<b>4.5</b>	<b>3.5</b>	<b>5.7</b>

**3.1.8 In its budget, does the university earmark funds for promoting research in its affiliated colleges? If yes, provide details.**

The University is implementing the New Ph.D. Ordinance, 2014 as per the Ph. D regulations of UGC. In the process University will be main centre to provide course work to all the Ph.D. students enrolled along with 07 centers to accommodate and as per nature of course work. These Research Centers are TD PG College, Jaunpu; Raja Harpal Singh PG College, Singramau, Jaunpur; Sri Ganesh Rai PG College, Dobhi, Jaunpur; Handia PG College, Handia, Allahabad; PG College, Ghazipur; DCSK PG College, Mau and Shibli National College, Azamgarh. University encourages sharing of resources with the affiliated colleges through workshops/seminars, e-resources, collection of books and journals in Central library, computer and internet facilities.

**3.1.9 Does the university encourage research by awarding Post Doctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.**

The University has initiated provision of awarding research scholarship to meritorious Ph.D. students in various faculties. Top two research students from each department will receive Rs. 5000/month. The candidates are encouraged to apply for fellowship from National agencies such as UGC, ICSSR, DBT, CSIR etc. Fellowship is awarded from the Research project fund of the Faculty (running projects funded by other agencies) to the project fellows. It provides necessary infrastructural and laboratory facilities in respective Departments.

**3.1.10 What percentage of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How**

**does the university monitor the output of these scholars?**

The University facilitates faculties by sanctioning study leave with pay to complete their higher studies. As of now 04 faculty members availed the study leave for persuing Doctoral Degree namely: Ms. Noopor Goel, Asstt. Prof., Department of Computer Application, Mr. Sandeep Singh, Asstt. Prof., Department of Mechanical Engineering, Mr. Sachin Agrawal, Asstt. Prof., Department of Financial Studies, Dr. Rajneesh Bhaskar, Asstt. Prof., Department of Electrical Engineering, Dr. Raj Kumar Soni, Asstt. Prof., Department of Mathematics.

**3.1.11 Provide details of national and international conferences organized by the university highlighting the names of eminent scientists/scholars who participated in these events.**

Department	Events
Biotechnology	<ol style="list-style-type: none"> <li>1. Organized two days National Conference on “Frontiers in Biological Sciences” December 4-5, 2011</li> <li>2. “Hands on training in Cell and Molecular Biology techniques for college teachers” Department of Biotechnology, VBS Purvanchal University, December 21, 2009 to January 2, 2009. (UGC, CSIR, INSA).</li> <li>3. Sensitization/ awareness workshop on intellectual property rights and patents, sponsored by DST, UP, March, 2004.</li> <li>4. ‘Entrepreneurship and Skill Development Programme in Biotechnology’, 27 March, 2008-24 April, 2008, sponsored by Micro, Small and Medium Enterprises Development Institute, Allahabad. Organized with the Department of Business Administration, VBS Purvanchal University, Jaunpur.</li> </ol>
Human Resource development (last four years)	<ol style="list-style-type: none"> <li>1. HR Conclave’ 15 Industry Institute Interface Theme: “Transformational HR for Sustainability”</li> <li>2. Job Searching Skills for Success</li> <li>3. Career Management</li> <li>4. You are the Star</li> <li>5. Managing Organizational Change &amp; Development</li> <li>6. Employability Skills</li> </ol>
Business economics (2012-13)	<ol style="list-style-type: none"> <li>1. Workshop on Green Economy by Prof S P Singh, VC</li> <li>2. Workshop on Financial Inclusion and Challenges by Prof Arvind Kumar, Prof, Lucknow University</li> <li>3. Workshop on Job Oppurtunies for Management Students by Prof KK Agrawal, MGKVP, Varanasi</li> </ol>
Pharmacy	<ol style="list-style-type: none"> <li>1. Recent Trend in Pharmaceutical Sciences” held on 8<sup>th</sup> &amp; 9<sup>th</sup> April 2015</li> </ol>
Applied Psychology	<ol style="list-style-type: none"> <li>1. National Seminar on Emerging Trends in Applied Psychology, 11th &amp; 12th Feb. 2014(UGC)</li> <li>2. International Workshop on Counselling Skills in Health Profession and Schools 23-26 October 2013(UGC)</li> <li>3. International Meet on Collaboration with American Universities and International Conference on Counselling and Community Psychology 17-19 December, 2011(UGC)</li> </ol>
Mass	<ol style="list-style-type: none"> <li>1. Workshop on Video Programme Production 25-26 Nov 2011 (UGC).</li> </ol>

Communication	2. Workshop on Radio Programme Production 30 Nov -1 Dec 2011 (UGC).
Math	1. National Science Day on Feb 28th 2014

Please refer to section 2.3.5, 3.1.5 and 3.1.6 for list of eminent scientists/ scholars in the programmes.

### 3.2 RESOURCE MOBILIZATION FOR RESEARCH

#### 3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

The University facilitates students in research projects through well equipped laboratories, computer labs, hostel with internet facilities, rich library, etc. Exhibitions and such activities are organized for display of projects.

#### 3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

The University encourages its faculty for innovative research through purchase of sophisticated equipments, rich library, e resources, and facilitates projects funded by other agencies.

#### 3.2.3 Provide the following details of ongoing research projects of faculty:

	Project Title	Funding Agency	Duration	Amount (in lakhs)
1	Molecular study of ACE I/D mutation as risk factor for cardiovascular disease in eastern U.P. population. (PI: V. Rai).	UGC	2012-2015	9.25
2	Evaluation of laccase gene expression with response to various supplements during fermentation of corn cob by white rot fungus <i>Pleurotus florida</i> . (PI: R. Naraian).	UGC	2012-2015	10.35
3	Purification and molecular characterization of mushroom growth promoting bacteria for development of bioinoculants. (PI: R. Naraian)	DST	2012-2015	12.00
4	DST-FIST to Department of Biotechnology	DST	2014-	43.5

#### 3.2.4 Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.

The Industry Institute Interface Cell has been formed in 2014 to coordinate activities with industry and corporate houses. It has organized two conclaves with eminent people from industry. However, no projects have been sponsored by any industry.

**3.2.5 How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.**

Name of Department	Funding Agency	Amount (lakhs)	Remarks
BIOTECHNOLOGY	DST-FIST (2013)	43.5	First instalment (30% has been granted) Equipments purchased from the sanctioned amount has strengthened the Department

**3.2.6 List details of**

**a. research projects completed and grants received during the last four years (funded by National/International agencies).**

**b.**

S. No	Project Title	Funding Agency	Duration	Amount (Rs. in lakhs)
1	Molecular study of fragile X-syndrome in UP population. (PI: V. Rai).	DST	2009-2012	20.22
2	Molecular study of Genetic modifiers of beta-Thalassemia in eastern UP population. (PI: V. Rai)	CSIR	2009-2012	17.00
3	Functional analyses of a late replication enforcing element in chromosome II of fission yeast. (PI: DD Dubey).	CSIR	2010-2014	22.18
4	Identification of DNA replication origins and origin binding proteins of the human pathogen, <i>Candida albicans</i> . (PI: DD Dubey).	DBT	2011-2014	28.0
5	Study of of genetic polymorphism of RBC enzymes and antigens in eastern UP population. (PI: P Kumar).	UGC	2011-2013	1.7
6	Molecular study of ACE I/D mutation as risk factor for cardiovascular disease in eastern U.P. population. (PI: V. Rai).	UGC	2012-2015	9.25
7	Evaluation of laccase gene expression with response to various supplements during fermentation of corn cob by white rot fungus <i>Pleurotus florida</i> . (PI: R. Naraian).	UGC	2012-2015	10.35
8	Purification and molecular characterization of	DST	2012-	12.00

	mushroom growth promoting bacteria for development of bioinoculants. (PI: R. Naraiian)		2015	
9	FIST to Department of Biotechnology	DST	2014	43.5
10	UGC Grant	UGC	-	12.0
9	Dynamics of organizational commitment, culture, employee involvement with employee attrition in BPO Industries (PI: Avinash D. Pathardikar)	UGC	2012-2014	4.494
10	Influence of Perceived Organizational Support, Job Interdependence and Empowerment at work on the job behavior of employees and organizational Performance drivers (PI: angeeta Sahu)	UGC	2012-2014	7.322
11	National Child Labour Project (PD: Avinash D. Pathardikar)	Department of Labour	2013	2.75
12	Influence of employer branding, employee engagement and leadership style on entry-level employees' retention in Indian IT sector (PI: Avinash D. Pathardikar)	ICSSR	2012-2014	3.00
13	efficacy and career attitude of employees in relation to job characteristic of engagement at work: With special reference to chemical industries in Gujrat(PI: Sangeeta Sahu)	IIM Ahmadabad	2014-2015	0.25
14	Block level child protection committees in 5 blocks of Jaunpur(PD: Sangeeta Sahu)	UNICEF	2014	16.978
15	Training of Village, Block and district level child rights and child protection committees of Jaunpur, Mirzapur and Sonbhadra of Uttar Pradesh. (PD: Avinash D. Pathardikar)	UNICEF	2015	43.043
<b>Total Grant</b>				<b>254.037</b>

**c. Inter-institutional collaborative projects and grants received: No**

i) All India collaboration : No

ii) International : No

### 3.3 RESEARCH FACILITIES

#### 3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

The University renews and upgrades research infrastructure to facilitate research. Each University department is well equipped in terms of laboratory equipment, instruments and library facilities for conduct of research activity by the faculty and students.

### Research Laboratories in University Departments (Faculty wise)

Faculty of Engineering & Technology				
<b>Mecahnical Engineering</b>  Automobile Lab	Sr. No.	Equipment Name	No. Of Equipment	Descriptions of Equipment(Model No./configuration/make/company)
	1	Simple Steering System	01	Maruti 800-Model
	2	Gearbox Assembly	01	Roorkee Equipment & Model Roorkee [247667]
	3	Differential Wheel & Axle	01	Roorkee Equipment & Model Roorkee [247667]
	4	Simple Brake Model	01	Roorkee Equipment & Model Roorkee [247667]
Computer Aided Design	1.	H.P. PENTIUM-4 COMPUTER	21	Model- HP Compaq DX6120MT From ACTIVE Ele.System Jaunpur
	2.	H.P. Compaq Laptop	1	256 MB-RAM, 40 GB HDD from ACTIVE Ele.System Jaunpur
	3.	UPS 10 KVA	1	
	4.	LCD Projector	1	Model-XGA Sony
	5.	Dot Matrix Printer	1	Model-EPSILON-LX1170
	6.	Plotter H.P.	1	Design – Jet 130
	7.	Scanner H.P.2400	1	
	8.	Wipro Computer	25	Model no.- WSG37455V from- University store
	9.	Acer Computer	15	Model – Veriton M200-Q87 from university store
	10.	U.P.S. 5 KVA	2	Model no- winner pro
Computer Engineering & Graphics	1	Drawing Boards with Stand	55	
Engineering Mechanics	1	Parallelogram Force	1	Wooden Complete Set Scientific Scale w
	2	Universal Force Table	1	Faizabad (224001)
	3	Simple Jib Crank	1	Faizabad (224001)
	4	Incline Plane	1	Faizabad (224001)
	5	Fletcher's Trolley	1	Faizabad (224001)
	6	Verify Principle Of Moment Beam Supported	1	Faizabad (224001)
	7	Bell Crank Lever Apparatus	1	Faizabad (224001)
	8	Moment of Inertia by Fly Wheel	1	Faizabad (224001)
	9	Single Purchase Winch Crab	1	Faizabad (224001)
	10	Double Purchase Winch Crab	1	Faizabad (224001)

	11	Screw Jack	2	Faizabad (224001)	
	12	Parallel Force	2	Faizabad (224001)	
	13	Simple Pendulum	1	Faizabad (224001)	
Fluid Mechanics	1	Triangular & Rectangular Notch apparatus	01	Roorkee Equipment & Model Room Uttaranchal	
	2	Venturimeter Test Rig.	01	Roorkee Equipment & Model Room Uttaranchal	
	3	Reynold Apparatus	01	Roorkee Equipment & Model Room Uttaranchal	
	4	Single Stage Air Compressor Test Rig	01	Roorkee Equipment & Model Room Uttaranchal	
	5	Centrifugal air Blower Test	01	Roorkee Equipment & Model Room Uttaranchal	
	6	Metacentric Height Apparatus	01	Roorkee Equipment & Model Room Uttaranchal	
	7	Francis Turbine Test Rig.	01	Roorkee Equipment & Model Room Uttaranchal	
	8	Pelton Wheel Turbine test Rig.	01	Roorkee Equipment & Model Room Uttaranchal	
	9	Two stage air compressor test Rig.	01	Roorkee Equipment & Model Room Uttaranchal	
	10	Discharge coefficient Orifice meter	01	Roorkee Equipment & Model Room Uttaranchal	
	11	Bernoulli Theorem apparatus	01	Roorkee Equipment & Model Room Uttaranchal	
	12	Reciprocating Pump Test Rig	01	Roorkee Equipment & Model Room Uttaranchal	
	13	Centrifugal pump Test Rig.	01	Roorkee Equipment & Model Room Uttaranchal	
	14	Hydraulic Ram	01	Roorkee Equipment & Model Room Uttaranchal	
Heat and Mass Transfer	1	Thermal Conductivity of Metal Rod	01	From Neelam Engineering Comapany, Agra	
	2	Thermal Conductivity of Liquid	01	From Neelam Engineering Comapany, Agra	
	3	Thermal Conductivity of Insulator Powder	01	From Neelam Engineering Comapany, Agra	
	4	Pin natural Forced Convection	01	From Neelam Engineering Comapany, Agra	
	5	Natural Convection from vertical Cylinder	01	From Neelam Engineering Comapany, Agra	
	6	Forced Convection, Horizontal Cylinder	01	From Neelam Engineering Comapany, Agra	
	7	Emissivity Measurement	01	From Neelam Engineering Comapany, Agra	
	8	Parallel Flow / Counter Flow Heat Exchanger	01	From Neelam Engineering Comapany, Agra	

	9	Stefan Boltzman	01	From Neelam Engineering Company, Agra
	10	Heat Pipe Demonstrator	01	From Neelam Engineering Company, Agra
	11	Composite wall Apparatus	01	From Neelam Engineering Company, Agra
	12	Shell and Tube Heat Exchanger	01	From Neelam Engineering Company, Agra
	13	Logged Pipe Apparatus	01	From Neelam Engineering Company, Agra
	14	Critical Heat Flux Apparatus	01	From Neelam Engineering Company, Agra
Material Testing	1	Rockwell Hardness Test Machine	01	Roorkee Equipment & model. Roorkee [247667]
	2	Vickers hardness Test	01	Roorkee Equipment & model. Roorkee [247667]
	3	Brinell Hardness Test by manual	01	Roorkee Equipment & model. Roorkee [247667]
	4	Brinell Hardness test by motor	01	Roorkee Equipment & model. Roorkee [247667]
	5	Universal Testing Machine	01	Roorkee Equipment & model. Roorkee [247667]
	6	Izod Impact Test Rig. Machine	01	Roorkee Equipment & model. Roorkee [247667]
	7	Fatigue Test Machine	01	Roorkee Equipment & model. Roorkee [247667]
	8	Torsion Apparatus	01	Scientific sale co. Faizabaad [224001]
	9	2-Stroke Petrol Engine	01	Roorkee Equipment & model. Roorkee [247667]
	10	2-Stroke Diesel Engine	01	Roorkee Equipment & model. Roorkee [247667]
Refrigeration & Air Conditioning	1.	Refrigeration Cycle Demonstration	1	From Neelam Engineering Company Agra
	2.	Refrigeration & Air Conditioning exp. Bench	1	From Neelam Engineering Company Agra
	3.	Air Conditioning Trainer (General Cycle Type)	1	From Neelam Engineering Company Agra
	4.	Air Conditioning Trainer(Simulation Type)	1	From Neelam Engineering Company Agra



	5.	Air Conditioning Trainer(Recirculation Type)	1	From Neelam Engineering Company Agra
	6.	Ice Plant Trainer	1	From Neelam Engineering Company Agra
	7.	Domestic Refrigeration Trainer	1	From Neelam Engineering Company Agra
	8.	Vapour Absorption Refrigeration Trainer	1	From Neelam Engineering Company Agra
	9.	Water Cooling Tower Apparatus	1	From Neelam Engineering Company Agra
	10.	Vortex Tube Trainer	1	From Neelam Engineering Company Agra
Theory of Machine	1.	Cylinder cam with oscillating follower	1	Roorkee Equipment & Model Roorkee(247667)
	2.	Band brake	1	Roorkee Equipment & Model Roorkee(247667)
	3.	3-stage spur gear	1	Roorkee Equipment & Model Roorkee(247667)
	4.	Conical friction clutch	1	Roorkee Equipment & Model Roorkee(247667)
	5.	Single stage bevel gear	1	Roorkee Equipment & Model Roorkee(247667)
	6.	Action of cam	1	Roorkee Equipment & Model Roorkee(247667)
	7.	Kinematic pair	1	Roorkee Equipment & Model Roorkee(247667)
	8.	Translating cam with reciprocating follower	1	Roorkee Equipment & Model Roorkee(247667)
	9.	Epicyclical gear (sun and planet type)	1	Roorkee Equipment & Model Roorkee(247667)
	10.	Rack and pinion	1	Roorkee Equipment & Model Roorkee(247667)
	11.	Witworth quick return mechanism	1	Roorkee Equipment & Model Roorkee(247667)
	12.	Mechanism of reciprocating engine	1	Roorkee Equipment & Model Roorkee(247667)
	13.	Oldhams couplings	1	Roorkee Equipment & Model Roorkee(247667)
	14.	Gear set	1	Roorkee Equipment & Model Roorkee(247667)
	15.	Oscillating cylinder mechanism	1	Roorkee Equipment & Model Roorkee(247667)
	16.	Cycloid gear	1	Roorkee Equipment & Model

				Roorkee(247667)	
	17	Two stage spur gear	1	Roorkee Equipment & Model Roorkee(247667)	
	18	Single stage spur gear	1	Roorkee Equipment & Model Roorkee(247667)	
	19	Four bar link mechanism	1	Roorkee Equipment & Model Roorkee(247667)	
	20	Olding coupling	1	Roorkee Equipment & Model Roorkee(247667)	
	21	Reversing gear	1	Roorkee Equipment & Model Roorkee(247667)	
	22	Cam with flat head follower	1	Roorkee Equipment & Model Roorkee(247667)	
	23	Compound gear train	1	Roorkee Equipment & Model Roorkee(247667)	
	24	Tangent cam and follower	1	Roorkee Equipment & Model Roorkee(247667)	
	25	Internal expanding brake	1	Roorkee Equipment & Model Roorkee(247667)	
	26	Plate clutch	1	Roorkee Equipment & Model Roorkee(247667)	
	27	Having bone gear	1	Roorkee Equipment & Model Roorkee(247667)	
	28	Double shoe brake	1	Roorkee Equipment & Model Roorkee(247667)	
	29	Single stage spherical gear	1	Roorkee Equipment & Model Roorkee(247667)	
	30	Rack and quadrant gear	1	Roorkee Equipment & Model Roorkee(247667)	
	31	End cam	1	Roorkee Equipment & Model Roorkee(247667)	
	32	Single stage helical gear	1	Roorkee Equipment & Model Roorkee(247667)	
	33	Warm gear	1	Roorkee Equipment & Model Roorkee(247667)	
	34	Crank shaft and slior mechanism	1	Roorkee Equipment & Model Roorkee(247667)	
	35	Sliding edge gear with straight line	1	Roorkee Equipment & Model Roorkee(247667)	
Thermodynamics	1	2-Stroke Petrol Engine Demo Model	01	Roorkee Equipment & Model, Roorkee [247667]	
	2	4-Stroke Petrol Engine Demo Model	01	Roorkee Equipment & Model, Roorkee [247667]	
	3	2-Stroke Diesel Engine Demo Model	01	Roorkee Equipment & Model, Roorkee [247667]	
	4	4-Stroke Diesel Engine Demo Model	01	Roorkee Equipment & Model, Roorkee [247667]	
	5	Locomotive Boiler Model	01	Roorkee Equipment & Model, Roorkee [247667]	
	6	Lankashire Boiler	01	Roorkee Equipment & Model, Roorkee [247667]	

	7	Babcock & Wilcock Boiler Model	01	Roorkee Equipment & Model, Roorkee [247667]
	8	Cochron Boiler Model	01	Roorkee Equipment & Model, Roorkee [247667]
	9	Steam Turbine Factory Model	01	Roorkee Equipment & Model, Roorkee [247667]
<b>Mech. Workshop</b>	1	Oxygen Gas Cylinder	01	Agrahari gas Agency
	2	D. A. Gas Cylinder	01	Agrahari gas Agency
	3	Hexa Machine	01	Western Machine company Delhi [110066]
	4	Shaper Machine	01	Western Machine company Delhi [110066]
	5	Lathe Machine	03	Western Machine company Delhi [110066]
	6	Universal Cylinder Grinder	01	Western Machine company Delhi [110066]
	7	Surface Grinder	02	Guru Arjun Machine Tool Western Machine and Co.
	8	Bench Grinder	01	Western Machine co.
	9	Slotting Machine	01	Sagar Make [Western Machine co.]
	10	Capstan & Turret Lathe	01	International [western Machine co.]
	11	Out side Micrometer [1. Inch]	02	Western Machine co.
	12	Calipers [outside & inside] 12inch	02	Western Machine co.
	13	Sheet cutter	01	Uttam hardware, jaunpur
	14	Thread Gauge [double]	01	Weld craft Nehru Complex Varanasi
	15	Thread Gauge [single]	02	Weld craft Nehru Complex Varanasi
	16	Bench Wise	30	Weld craft Nehru Complex Varanasi
	17	Welding machine	01	Weld craft Nehru Complex Varanasi
	18	Blower [electrical]	01	Weld craft Nehru Complex Varanasi
	19	Blower [Hand]	01	Weld craft Nehru Complex Varanasi
<b>Electronics &amp; Comm Engg and Electronics &amp; Instrument Engg</b>				

Communication Engineering Lab	1	ECG cum Heart Rate monitoring 2351-J	02	Sciencetech 2351-J	
	2	Study of 12 lead Real time ECG with LCD 2360A-J	02	Sciencetech 2360A-J	
	3	12 Lead ECG SIMULATOR 2352 A	02	Sciencetech 2352 A	
	4	BLOOD Pressure Measurement 2358-J	02	Sciencetech 2358-J	
	5	Phono Cardio-Graphy 2356-J	02	Sciencetech 2356-J	
	6	Fourier Synthesis Trainer	01	Sciencetech 2603-J	
	7	PAM/PPM/PWM Trainer	03	Sciencetech 2801-J	
	8	Satellite communication Trainer kit	02	Sciencetech 2272 A-J	
	9	GSM Trainer kit with Application Module	02	Sciencetech 2133-J& 2133	AMJ
	10	Understanding Dual Sim Mobile phone	02	Sciencetech 2132 A-J	
	11	CDMA Trainer kit with BER Rate Measurement	02	Sciencetech 2131 B-J	
	12	Wireless Lan Trainer kit	02	Sciencetech 5002 A-J	
	13	PC TO PC COMM. TRAINER KIT	02	Sciencetech 5001-J	
	14	WDM Trainer kit	02	Sciencetech 2505	
	15	FIBER POOL	02	Sciencetech	
	16	LASER POWER METER	02	Sciencetech	
17	F.M Trainer	02	MANNU ENTERPRISES		
Digital Signal Processing Lab	1	Digital signal processing kit-1 and kit-2	02	Sciencetech/6000 j/6001 j	
	2	Digital signal processing kit for image processing	01	sciencetech	
Microwave Engineering Lab	1	Microwave integrated circuits	01	MANNU ENTERPRISES	
	2	Satellite communication kit	01	MANNU ENTERPRISES	
	3	Antenna trainer with compatible Lab VIEW software 0.04-4.4 GHz	01	MANNU ENTERPRISES	
	4	KLYSTRON Bench MW test Bench	3 set	SCIENTIFIC INSTRUMENT CO. L	
	5	Radio Frequency Training System	1 set	SCIENTIFIC INSTRUMENT CO. L	
	6	G.P.S Trainer Kit	02	M.P AGENCY	
	7	Bluetooth Technology Trainer	02	M.P AGENCY	
Optical Fiber Communication Lab	1	Laser optics Bench IF-45-600	01	SAKET VIGYAN KENDRA	
	2	Fiber optics communication & Networking	01	Sciencetech	
	3	Advanced optical fiber communication	01	Sciencetech 2505	
	4	Fiber pool	01	Sciencetech	
	5	Microwave test Bench Gunn Based	03	NVIS 9001-J	
	6	Transmission Line Trainer		Sciencetech 2266-J	
	7	Optional LCR Meter	01	Sciencetech	
	8	Advance Fiber Optics Trainer kit		Sciencetech 2505-J	
	9	Micro strip Antenna Trainer	02	Sciencetech-2263-J	

		kit			
	10	RADAR Trainer NVIS 20001-J	02		NVIS 20001-J
	11	CRO DUAL TRACE DISPLAY(0-30MHz)	10		Sciencetech-801-J
	12	Function Generator(5MHz SINE Triangular Saw Tooth)	10		Sciencetech-4061-J
	13	CRO DUAL TRACE DISPLAY(0-30MHz)	10		Sciencetech-801-J
Electronics Engineering Lab	1.	Transistor characteristic Board	01		Mars Edpal instrument
	2.	Weins bridge oscillator/phase shift oscillator kit	01		Mars Edpal instrument
	3.	FET characteristics kit	01		Mars Edpal instrument
	4.	Frequency Meter	01		Mars Edpal instrument
	5.	Function generator	04		Mars Edpal instrument
	6.	Light emitting diode(led)	200		Mars Edpal instrument
	7.	Dc power supply(low voltage)	01		Mars Edpal instrument
Digital Electronics Lab	1.	Connecting wire	02		Mars Edpal instrument
	2.	Flip-flop trainer board	02		Mars Edpal instrument
	3.	Logic gate trainer board	01		Mars Edpal instrument
	4.	Encoder,Decoder trainer	02		Mars Edpal instrument
	5.	4*1 mux board	01		Mars Edpal instrument
	6.	4 Bit parallel adder 7483ic	01		Mars Edpal instrument
	7.	4 Bit syn/asyn counter	02		Mars Edpal instrument
	8.	2-bit binary multiplier	01		Mars Edpal instrument
	9.	1:8 line demultiplexer	01		Mars Edpal instrument
	10.	Universal shift register	02		Mars Edpal instrument
	11.	8:1 multiplexer	01		Mars Edpal instrument
	12.	16:1 multiplexer	01		Mars Edpal instrument
	13.	Connecting wire	02		Mars Edpal instrument
Telemetry Lab	1.	Function geneator	06		Mars Edpal instrument
	2.	Frequency modulation	01		Mars Edpal instrument
	3.	PSK	01		Mars Edpal instrument
	4.	Ask modulation detection	02		ME749
	5.	FSK modulation detection	02		ME748
	6.	PSK modulation detection	02		ME 750
	7.	PCM signal generator kit using ADC &DAC measuring quantization noise ME 751	02		Mars Edpal instrument
	8.	Sampling through a S/H ckt kit	02		ME 776
	9.	ASK modulator & demodulator	02		ME-749
	10.	FSK modulator & demodulator	02		ME-748
	11.	PSK modulator & demodulator	02		ME-750
	12.	ASK modulator & demodulator	02		ME-749
	13.	Pulse code modulation & demodulation			ME-751
	14.	PRBS generator kit	02		Mars Edpal instrument
	15.	A-NRZ-L,NRZ-M and NRZ-S URLO land Manchester coding and decoding data formatting and carrier &demodulation transmitter kit	02		ME774

	16	Digital Multimeter trainer	02	ME-1207
	17	ADC & DAC for realizational PCM signals	02	ME751
Transducer and Sensor Lab/ Instrumentation Lab	1.	PT-100 transducer trainer kit	02	ME-1053
	2.	J-type transducer trainer kit	02	ME-1054
	3.	K type transducer trainer kit	02	ME-1054
	4	LVDT trainer kit	02	ME-1052
	5	Capacitive transducer trainer kit	02	ME 1054
	6	Pressure trainer kit	01	ME-1061
	7	RTD trainer kit(PT-100)	02	ME-1053
	8	Thermocouple kit(J type), (k type)	02	ME-1054
	9	LVDT trainer kit	02	ME-1052
	10	Capacitive kit	02	ME-1058
	11	Pressure Measurement kit	02	ME-1061
	12	CAPATITIVE Pickup transducer kit	02	Mars Edpal instrument
	13	RTD /Thermistor and amplification kit for tele Transmission kit	02	Mars Edpal instrument
	14	Strain gauge trainer kit	02	Mars Edpal instrument
	15	Thermocouple and RTS transducer trainer kit	02	Mars Edpal instrument
	16	Thermocouple AD590 transducer trainer kit	02	Mars Edpal instrument
	17	LDR trainer kit	02	Mars Edpal instrument
	18	Photodiode trainer kit	02	Mars Edpal instrument
	19	Photo transducer trainer kit	02	Mars Edpal instrument
	20	Solid state sensor transducer trainer kit	02	Mars Edpal instrument
	21	Wheatstone bridge transducer kit	02	Mars Edpal instrument
	22	Maxwell bridge transducer trainer kit	02	Mars Edpal instrument
	23	Desauty bridge transducer trainer kit	02	Mars Edpal instrument
	24	Shearing bridge transducer trainer kit	02	Mars Edpal instrument
	25	Wheatstone bridge transducer kit	02	Mars Edpal instrument
	26	Sensor lab with 18 type sensors 2311-j	02	Sciencetech 2311-j
Measurement Lab	1.	Distortion factor meter trainer kit	02	MAD 201C
	2.	Transistor tester & parameter measuring trainer kit	02	ME294
	3.	Radio receiver measurement trainer kit	02	ME-1213
	4	Kelvine double bridge transducer kit	02	Mars Edpal instrument
	5	Wheatstone bridge	02	Mars Edpal instrument

		transducer kit		
	6	Pressure trainer kit	01	ME-1061
	7	Lissajous pattern maker kit	02	Mars Edpal instrument
	8	LCR bridge trainer kit	02	Mars Edpal instrument
	9	Function generator	05	Mars Edpal instrument
Communication Lab	1.	ASK modulator & demodulator	02	ME-749
	2.	FSK modulator & demodulator	02	ME-748
	3.	PSK modulator & demodulator	02	ME-750
	4.	FM modulator & Demodulator	02	ME-742
	5.	Data formatting & deformation Transmitter	02	ME-774
	6	Data formatting & Reformatting Receiver	02	ME-775
	7.	Analog Sampling & Reconstruction	02	ME-776
	8	Pulse code modulation & demodulation		ME-751
	9	AM Radio receiver	02	ME-1213
	10	Sample And hold ADC, DAC Performer kit	02	Mars Edpal instrument
	11	Function generator 0-5 MHZ	10	Mars Edpal instrument
	12	Hamming code trainer kit	02	Mars Edpal instrument pvt. Limited
	13	Bread board trainer kit power	10	ME-1150
	14	Pulse code mod & demodulator	02	ME -751
	15	Step up chopper	02	ME-798
	16	A-AM/FM trainer kit(2) amplitude modulation & demodulation	02	ME741B-ME 742
	17	Digital multimeter	20	Mars Edpal instrument
	18	Power supply	10	Mars Edpal instrument
	19	Dual power supply	10	Mars Edpal instrument
	20	Storage oscilloscope capable FFT and DFT	05	Mars Edpal instrument
Industrial Instrumentation Lab	1.	Instrumentation amplifier trainer kit	02	Mars Edpal instrument
	2.	Inductive pickup transducer trainer kit	02	Mars Edpal instrument
	3.	Bread board trainer with power supply model ME1150	10	Mars Edpal instrument
	4.	Potentiometric trainer kit	02	Mars Edpal instrument
	5.	Chopper amplifier trainer kit ME 798	02	Mars Edpal instrument
Microprocessor/Microcontroller Lab	1.	8031 microcontroller trainer kit	12	ME-1300
	2.	Microprocessor Training Kit	12	ME-1302

	3.	Microcontroller kit	12	Mars Edpal instrument
	4.	Digital multimeter	02	ME-294
	5.	Microprocessor	15	MANNU ENTERPRISES
	6.	Microcontroller NVIS 5001A	15	Scientech
<b>Electrical Engineering</b>				
Power Electronics Lab	1	CRO	08	Caddo-803D, Scientech
	2	Digital Storage Oscilloscope	02	DS5062C, Rigol
	3	3 Phase Thyristor Control Trainer	01	XPO-HVDC, Anshuman Tech.
	4	Differential Power Scope	06	Anshuman Tech.
	5	Power Electronics Trainer	06	XPO-PE, , Anshuman Tech.
	6	SCR Application Panel	02	Anshuman Tech.
	7	Power Semiconductor Application Panel	02	Anshuman Tech.
	8	IGBT, MOSFET Inverter Panel	02	Anshuman Tech.
	9	Converter Inverter Panel	02	Anshuman Tech.
	10	dv/dt Protection & Firing Panel	02	Anshuman Tech.
	11	PMDC Motor	06	TM110, Anshuman Tech.
	12	AC Motor	06	Type-M5.6M, HP-1/12, 4000rpm, 220V, Anshuman Tech.
	13	3 Phase Auto Transformer	01	Anshuman Tech.
Electric Drive Lab	1	Static Kramer Drive Trainer	01	XPO-SKD, Anshuman Tech.
	2	3 Phase Induction Motor Speed Control Trainer	01	XPO-VVVF, Anshuman Tech.
	3	3 Phase AC Motor fault Simulator	01	XPO-MFS, Anshuman Tech.
	4	PMDC Motor	06	200W, 200V DC, 1.2 Amps, 2000rpm, Anshuman Tech.
	5	AC Motor	06	HP-1/12, 4000rpm, 220AC/DC, 50HZ, Anshuman Tech.
	6	3 Phase Dimmer	01	415V, Anshuman Tech.
	7	SCR Application Panel	02	Anshuman Tech.
	8	IGBT, MOSFET Panel	02	Anshuman Tech.
Computer Lab	1	UPS	01	5kVA, Uniline, Winner Pro
	2	UPS	02	5kVA, NPS Power Solutions
	3	Wipro WLK170W Desktop Computer	26	Intel Pentium(R), Ram-1GB Dual <a href="#">CPU@2.0</a> GHz,
	4	Acer V196HQL Desktop Computer	12	Intel core <a href="#">i5@3.30</a> GHz, Ram-4GB, OS-Windows 8.1



	5	EMTDP	05 User	
	6	Power World Simulator	10 User	Power World Corporation
	7	PSIM	05 User	Power electronics & Motor Control Simulator
	8	SKM Power Tool Integrated	10 User	Study Module PTW Dapper
Electrical Engineering Lab	1.	Rheostat	02	260Ω
	2.	Rheostat	09	100 Ω
	3.	Rheostat	07	250 Ω
	4.	Ammeter	18	(0-01)Amps
	5.	Ammeter	04	(0-10)Amps
	6.	Voltmeter	25	(0-30)Volts
	7.	Voltmeter	04	(0-500)Volts
	8.	Wattmeter	05	(0-750)Watts
	9.	Galvanometer	02	(0-30)Volts
	10.	Regulated D.C. Power Supply	08	(0-32)VDC, (0-2)A, Aplab Ltd.
	11.	Regulated D.C. Power Supply	02	(0-32)V, (0-15)V, Aplab Ltd.
	12.	Energy Meter	05	Single Phase Induction Type
	13.	Lamp Load(230 V, 50 Hz)	05	230 Volt, 50 Hz
	14.	Lamp Load	01	3 Phase, 6 kW, 50 Hz
	15.	Single Phase Lamp Load	01	1 Phase
	16.	Resistive Load	01	3 Phase
	17.	Resistive Load ,1 Phase conti. variable	05	1 Phase
	18.	Resistance Box	02	
	19.	Inductance Box	01	
	20.	Capacitance box	01	
	21.	Multimeter	01	
	22.	Pf meter	01	5 A, 230 V, 0.5-1
	23.	Battery Eliminator	02	
	24.	Stopwatch	02	
	25.	Function Generator	03	
	26.	Tachometer	01	
	27.	Multitester	01	
	28.	Project Board	12	
	29.	Auto-transformer	01	
	30.	3-phase Transformer	5	
Electrical Machine Lab	1.	Panel for O.C. & S.C. test on 3 Phase AC Transformer	01	Rajat Tech.
	2.	D.C. rectifier supply	01	Rajat Tech.
	3.	Panel for load characteristics of D.C. series generator	01	Rajat Tech.
	4.	Panel for V-curve of synchronous motor	01	Rajat Tech.
	5.	Panel for M.G. set AC slip ring induction motor	01	Rajat Tech.
	6.	Panel for M.G. set D.C. compound machine	01	Rajat Tech.
	7.	Panel for A.C. slip ring induction motor	01	Rajat Tech.
	8.	Panel for D.C. series generator	01	Rajat Tech.
	9.	Panel for Hopkinson test on D.C.	01	Rajat Tech.

		machine		
	10.	Panel for magnetization characteristics of D.C. shunt generator	01	Rajat Tech.
	11.	Digital Tachometer	03	
	12.	Wattmeter	03	(0-750)Watt
	13.	Voltmeter (0-500)V	03	(0-500)V
	14.	1-phase transformer	02	1-phase
	15.	Choke coil	04	3-phase
	16.	1-phase transformer	01	1-phase, Shell Type
	17.	1-phase transformer	01	1-phase, Core Type
	18.	Ammeter	04	(0-10)A
	19.	3-Phase transformer	01	3-Phase, Shell Type
Network Analysis & Synthesis	1.	Bread Board	06	
	2.	Ammeter	18	(0-1) A, Model M065
	3.	Voltmeter	25	(0-30)V, Model M065
	4.	Resistor	22	(50-200) ohm
	5.	Regulated D.C. power supply	08	(0-32)VDC, (0-2)A, Aplab Ltd.
<b>Comp. Sc. Engg.</b>	1.	Computer	60	a.(28 computer)Acer , Intel ® Core ™ i5-4590 CPU @ 3.30GHz, 500GB HDD, 4GB RAM, 32 bit OS, x64 based Processor, 17” monitor, DVD multi-recorder R/W Driver b.(32 computer) Acer , Intel ® Core ™ i7-4790 CPU @ 3.60GHz, 500GB HDD, 4GB RAM, 64 bit OS, x64 based Processor, 18” monitor, DVD multi-recorder R/W Driver
	2.	UPS 5KVA	03	UNILINE
	3.	Battery	16/UPS	Exide 12V
	4.	Printer	01	HP Laserjet 1320n
	5.	System Software		a. Red Hat Enterprise LINUX 5.2 x86(05 parts CD) b. Microsoft Windows 8.1 c. Microsoft WindowsNT 4.0 d. Microsoft WindowsNT Server 4.0
	6.	Application Software		a. Microsoft Office 2013 b. Microsoft Visual C++ 6.0 c. Microsoft Outlook 2000 d. Microsoft Visual Basic 6.0 e. msdn Library Visual Studio 6.0 f. Microsoft FrontPage2000 g. Oracle WebDB Version 2.0.5 for Windows NT 4.0 h. Oracle Enterprise Manager Release 2.0.4 for Windows NT and Sun SPARC Solaris i. Oracle 8i Release 8.1.5 for Windows NT
Inform. Tech.	1.	Computer	30	Acer , Intel ® Core ™ i7-4790 CPU @ 3.60GHz, 500GB HDD, 4GB RAM, 64 bit OS, x64 based Processor, 18” monitor, DVD multi-recorder R/W Driver
	2.	UPS 5KVA	01	BPE
	3.	Battery	16/UPS	Exide 12V

Faculty of Social Sciences				
Psychology Lab	1	Diagnostic Test of Learning Disability(DTLD)	1	Psychological Test
	2	Diagnostic Test of Reading Disability(DTRD)	1	Psychological Test
	3	Behavioural checklist for Screening the Learning Disabled (BCSLD)	1	Psychological Test
	4	Bell Relationship Inventory for adolescents	1	Psychological Test
	5	Mental Status Checklist for children	1	Psychological Test
	6	Personality Inventory for Children 2 <sup>nd</sup> Edition	1	Psychological Test
	7	Problem Behaviour Inventory Adolescent Symptom Screening Form	1	Psychological Test
	8	Children's Depression Rating Scale- Revised (CDRS-R)	1	Psychological Test
	9	FIRO-B Self Scorable Starter Package	1	Psychological Test
	10	Myers-Briggs Type Indicator (MBTI)Form Self Scorable Starter Package	1	Psychological Test
	11	Thomas-Kilmann Conflict, Mode Instrument Conflict, Resolution Starter Package	1	Psychological Test
	12	Executive Personality Scale	1	Psychological Test
	13	Organizational Citizenship Behaviour Scale	1	Psychological Test
	14	Quality of Life Scale	1	Psychological Test
	15	Alexander Pass-a-long Test of Intelligence	1	Psychological Test
	16	Bhatia Battery of Performance Intelligence Test	1	Psychological Test
	17	Indian Adaption of Binet Simon Scale(1960)	1	Psychological Test
	18	Emotional Intelligence Scale	1	Psychological Test
	19	Indian Child Intelligence Test (ICIT)	1	Psychological Test
	20	Seguin Form Board Test with Manual & Answer Sheets	1	Psychological Test
	21	AIIMS Neuropsychological Battery Adults	1	Psychological Test
	22	Human Figure Drawing Test (HFDT) All Illustrated Handbook for Clinical Interpretation & Standardized Assessment of Cognitive Impairment	1	Psychological Test
	23	Stanford Binet Intelligence scales for Early Childhood (Early SBS)	1	Psychological Test
	24	Bender Visual –Motor Gestalt Test- Second Edition (BGT-II)	1	Psychological Test
	25	Koppitz Development Scoring System for the Bender Gestalt Test- Second Edition (KOPPIT1-2)	1	Psychological Test

26	Thematic Apperception Test-Indian Adaptation	1	Psychological Test	
27	Thematic Apperception Test-TAT	1	Psychological Test	
28	NEO Software System with NEO- PI-R & NEO-FFI modules	1	Psychological Test	
29	NEO Personality Inventory-3 (NEO-PI-3) Adolescent Comprehensive kit)	1	Psychological Test	
30	NEO Personality Inventory-3 (NEO-PI-3) Adult Comprehensive kit)	1	Psychological Test	
31	MMPI-2 Adult Interpretive System Version 4 (MMPI-2 AIS V4)(Includes MMPI-2 AIS V4 Software Professional manual & Quick Start Guide)	1	Psychological Test	
32	Clinical Assessment Scale for Elderly (CASE)	1	Psychological Test	
33	16 PF Questionnaire- Fifth edition with hand scoring	1	Psychological Test	
34	Rorschach Interpretation Assistance Program : Version 5 (RIAP5 )	1	Psychological Test	
35	RIAP5 Scoring Program (RIAP 5:S)	1	Psychological Test	
36	Rorschach Ink Blot Test	1	Psychological Test	
37	Primer for Rorschach Interpretation	1	Psychological Test	
38	16. P.F. Questionnaire Indian Adaptation Form A	1	Psychological Test	
39	16 P.F. Questionnaire Indian Adaptation Form B	1	Psychological Test	
40	16 P.F. Questionnaire Indian Adaptation Form C	1	Psychological Test	
41	16 P.F. Questionnaire Indian Adaptation Form D	1	Psychological Test	
42	16 P.F. Questionnaire Indian Adaptation Form E	1	Psychological Test	
43	A Guide to the Clinical use of the 16 PF	1	Psychological Test	
44	Multi Dimensional Assessment of Personality Series (MAP form Adult)	1	Psychological Test	
45	Multi Dimensional Assessment of Personality Series (MAP form Children)	1	Psychological Test	
46	Multi Dimensional Assessment of Personality Series (MAP form Primary)	1	Psychological Test	
47	Multi Dimensional Assessment of Personality Series (MAP form Teenagers)	1	Psychological Test	
48	Rotter's Locus of Control Scale	1	Psychological Test	
49	Rorschach Introductory Guide	1	Psychological Test	
50	TAT Record and Analysis Blank	1	Psychological Test	
51	Human Maze Learning Pointed	1	Psychological Test	

	electrical with reset 6 Digit error counter			
52	Memory Drum Apparatus-Digital (Eight Variable Speed)	1	Psychological Test	
53	Mirror Drawing Apparatus Digital with timer and error counter	1	Psychological Test	
54	Muller Lyre Apparatus with stand	1	Psychological Test	
55	Retroactive Inhibition Effect of Interpolated Activities on previous learning Short Term Memory (STM)	1	Psychological Test	
56	General Health Questionnaire (GHQ-12) (Pack of 25)	1	Psychological Test	
57	General Health Questionnaire (GHQ-28) (Pack of 25)	1	Psychological Test	
58	General Health Questionnaire (GHQ-30) (Pack of 25)	1	Psychological Test	
59	General Health Questionnaire (GHQ-60) (Pack of 25)	1	Psychological Test	
60	General Health Questionnaire (GHQ Users Guide)	1	Psychological Test	
61	ASEBA Adult Self- report (Age Range 18-59) Hand Scoring Starter Kit	1	Psychological Test	
62	ASEBA Adult Self- report (Age Range 18-59) computer Scoring Starter Kit	1	Psychological Test	
63	ASEBA CBCL (Age Range 1 and half -5 ) Computer Scoring Starter Kit	1	Psychological Test	
64	ASEBA CBCL (Age Range 1 and half -5 ) Computer Scoring Starter Kit	1	Psychological Test	
65	ASEBA CBCL (Age Range 6-18 ) Computer Scoring Starter Kit	1	Psychological Test	
66	ASEBA Older Adult Self Report(Age Range 60-90+) Computer Scoring Starter Kit	1	Psychological Test	
67	ASEBA Older Adult Self Report (Age Range 60-90+) Hand Scoring Starter Kit	1	Psychological Test	
68	CBCL Ages 6-18 (Hand scoring)	1	Psychological Test	
69	ASEBA SCICA Computer Scoring Starter Kit	1	Psychological Test	
70	ASEBA SCICA Training DVD	1	Psychological Test	
71	ASEBA Direct Observation Form(DOF) (Age Range 6-11 ) Computer Scoring Starter Kit	1	Psychological Test	
72	Adolescent Coping Scale	1	Psychological Test	
73	Frequency Tables for scoring Rorschach Responses	1	Psychological Test	
74	16 PF	1	Psychological Test	
75	McDougall Disc	2	Psychological Test	
76	Muller Lyre with Stand	4	Psychological Test	
77	Memory Drum (Mechanical )	2	Psychological Test	

78	Somatic Ink Blot Series	1	Psychological Test
79	Indian Adaptation of TAT	2	Psychological Test
80	Child Apperception Test	2	Psychological Test
81	Bender Gestalt Test	1	Psychological Test
82	Bhatia Battery Performance Test	1	Psychological Test
83	Sanguine Form Board	3	Psychological Test
84	Vineland Social Maturity Scale	1	Psychological Test
85	Pass Along Test	3	Psychological Test
86	Mental Health Inventory	1	Psychological Test
87	Mental Health Check List	1	Psychological Test
88	Cornel Medical index Health Questionnaire	1	Psychological Test
89	Binet Simon Scale	1	Psychological Test
90	Culture Fair Intelligence Test	4	Psychological Test
91	Psychological Assessment with Millon	1	Psychological Test
92	Rorschach Profile Sheet	1	Psychological Test
93	Medical Psychological Questionnaire	1	Psychological Test
94	Dysfunction Analysis Questionnaire	1	Psychological Test
95	MMPI-2 Structural Manual	1	Psychological Test
96	FIRO Awareness Scale	1	Psychological Test
97	PGI Health Questionnaire	1	Psychological Test
98	Sinha Comprehensive Anxiety Test	3	Psychological Test
99	Frustration Test	1	Psychological Test
100	Organizational Climate Inventory	1	Psychological Test
101	Verbal Test of Creative Thinking	1	Psychological Test
102	Job Satisfaction Scale	1	Psychological Test
103	Word Association Test	1	Psychological Test
104	Occupational Stress Index	1	Psychological Test
105	H.J. Eysenck's M.P.I.	1	Psychological Test
106	Aggression Scale	1	Psychological Test
107	Work Motivation Questionnaire	1	Psychological Test
108	Performance Appraisal Form	1	Psychological Test
109	Family Environment Scale	1	Psychological Test
110	D.A.Q.	2	Psychological Test
111	M.M.P.I.	1	Psychological Test
112	FIRO-B	1	Psychological Test
113	Type A/B Behaviour Pattern	2	Psychological Test
114	Personality Inventory	2	Psychological Test
115	Conformity Behaviour	2	Psychological Test
116	Stereotype Test	1	Psychological Test
117	Chatterjee Non-Language Preference Record	1	Psychological Test
118	Color Blindness	1	Psychological Test
119	State Trait Anxiety Test	2	Psychological Test
120	Emotional Maturity Scale	2	Psychological Test
121	Retroactive Inhibition	2	Psychological Test
122	D.S.T.	1	Psychological Test
123	Fundamental Right Scale	2	Psychological Test
124	D.T.S.	2	Psychological Test
125	Job Satisfaction Scale	2	Psychological Test

	126	P.G.I.T.	1	Psychological Test	
	127	Multiple Intelligence Scale	1	Psychological Test	
	128	Introversion/Extroversion Scale	2	Psychological Test	
	127	Knowledge of Result	2	Psychological Test	
	128	Standard Progressive Matrices	1	Psychological Test	
	129	Differential Aptitude Test Battery	1	Psychological Test	
	130	Progressive Muscle Relaxation	2	Psychological Test	
	131	I.P.A.T. Anxiety Test	1	Psychological Test	
	132	Human Skills Scale	1	Psychological Test	
	133	D.B.D.A.	1	Psychological Test	
	134	Pyramid Puzzles	1	Psychological Test	
	135	Color Preference	1	Psychological Test	
	136	Reaction Time Apparatus	1	Psychological Test	
	137	Reaction Time Electronic	1	Psychological Test	
	138	Career Belief Inventory	1	Psychological Test	
	139	Thematic Apperception Test	2	Psychological Test	
	140	State Trait Anxiety Scale	1	Psychological Test	
	141	Anxiety Test For Children	1	Psychological Test	
Mass Comm		TELEVISION	1		BPL
	1	SCANNER	1	HP SCAN JET G2410	
	2	CAMERA(VIDEO)	1	SONY DCR SD 1000	
	3	CAMERA(VIDEO)	1		
	4	DIGITAL SLR	1	NIKON D3100	
	5	PROJECTOR	1	OPTIMA EX762	
	6	PORTAKIT LIGHT	1		
	7	ACER COMPUTER(LCD)	5	VERTION-M200-Q87	
	8	SMALL UPS	5	500 VA UNI LINE	
	9	PRINTER	1		
	10	PRINTER	1		
	11	PRINTER	1	HP (LASER JET 1010)	
	12	PRINTER		HP (LASER JET 6 L)	
	13	TAPE RECORDER	1	BPL SW 8303	
	14	CAMERA(VIDEO)	1		
	15	CAMERA(VIDEO)	1	SONY DSR-300 PK	
	16	STILL CAMERA(SLR)	1		
	17	STILL CAMERA(DIGITAL)	1	KODAK	
	18	PROJECTOR	1	IN FOCUS IN 3116	
	19	PLAYER	1	SONY DSR 60P	
	20	RECORDER	1	SONY DSR 80P	
	21	MONITOR	2	PVM 14N6E	
	22	VCR	1	BPL SANYO	
	23	VIDEO MKACHINE MACHINE	1	SONY EXE -1230P	
	24	WIPRO (COMPUTER)	2	WSG 37455V	
	25	COMPAQ (COMPUTER)	3		
	26	COMPAQ (COMPUTER)	1	DY 116AA-ACJ	
	27	WIPRO (COMPUTER)	1	WSD68C55W7	
28	ACER COMPUTER	1	P-4		

	29	UPS(SMALL)	1	M TEK 300VA	
	30	UPS(SMALL)	1	M TEK 300VA	
<b>Chemistry</b>	1.	Digital NephloTurb. Meter	01	DNTM-132, Systronics	
	2.	Analytical Balance	04	K-ray. E. comp.	
	3.	Digitilled water App.	03	5 lit cap. J- Sil. Glass	
	4.	Top loading electronic balance	01	HPB, Wehsar	
	5.	Digital balance	01	LCB-1 Ray electronic	
	6.	Digital balance	02	LCB-E-2Ray electronic	
	07.	Melting point apparatus	06	Tanco make	
	08.	Digital photo calorimeter	25	Model no.312 Environmental suit. INST-LO.	
	09.	Digital photo calorimeter	05	8F 1 ml 332-E	
	10.	Thermostat	05	Tempstar	
	11.	Stopwatch	40	Racer	
	12.	Thermostat (Normal)	100	305mm	
	13.	Thermometer(Mercury)	100		
	14.	Refrigerator	01	Godraj, 350 liter	
	15.	Overhead projector	01	Model no. 15.01.12.00 88.0.0.phil crop. Ltd.	
	16.	Digital LCD Projector	01	55-8EGO1GO11 optima	
	17.	Hot air oven (Microwave) (In	01	Bristol India.	
<b>Physics</b>	1.	Flywheel		03	
	2.	Young's Modulus		03	
	3.	Potentiometer		02	
	4.	Carey Foster Bridge		02	
	5.	Helmholtz Galvanometer		02	
	6.	Poiscuelle's Method		02	
	7.	Ballistic Galvanometer		02	
	8.	Maxwell's Needle		02	
	9.	Polari Meter		04	
	10.	Spectrometer		04	
	11.	Newton's Rings Method		02	
	12.	Fresnel's Biprism		02	
	13.	Vernier calipers		05	
	14.	Screw Gauge		06	
	15.	Stop-Clock		06	
	16.	Resistance Box		10	
<b>Comp. Appl.</b>	1.	Computer (Nodes)	32	Acer i3	
	2.	Server	2	Compaq/Acer Each	
	3.	UPS 5KVA	2		
	4.	UPS 10KVA	2	Uniline	
	5.	Switches 24 port	2		
<b>Faculty of Management studies</b>					
	1.	Computer	84	i 5 64 Bit Processor,4GB RAM,500 GB HDD	
	2.	Printer	1	Samsung 3310 D	
	3.	Photo copier	1	Sharp 5618 N	
	4.	UPS	5	2 KVA Uniline, 15 minute backup	
	5.	Software(Application)	All User	Microsoft office 13	



	6.	Software (Operating System)	All User	Microsoft Windows 8.1
	7.	Software (SPSS )	10 User	IBM
<b>Faculty of Science</b>				
<b>Biotechnology</b>				
CIL	1	Air-Conditioner OORAC 501000008 Y-4506 S.No.-45065500088899094107,108		04
	2	Atomic Absorption Spectrophotometer		01
	3	Bipan Chemical Blanca, 200gm. Capacity, K-Roy Make		02
	4	Single Pan electronic balance , 200gm. Capacity 0.1mg readability K-Roy Make		01
	5	Elisa Reader Type ms5608A		01
	6	Homogenizer "REMI"		01
	7	Hybridization Oven Cat No. HI.231 SI No 201371		01
	8	Incubator ordinary (NSW) Size 18"X18"X18" Thermostat		01
	9	Nikon Japan Trion collar Phase Contrast Research Microscope Model E-600 with Epi-fluorescence and Photographic attachment (Towa Optics India Ltd.)		01
	10	Multi Media Project Model #PLCSU20B (200- 240V) Sayno		01
	11	Automated karyotyping work station (Microscope with Karyotyping Analysis real fluorescence trinocular research bioscope model no BX51)		01
	12	Oven Huffer, with air circulating fan NSW – 142, HOS, Size 455X455X455mm		02
	13	'Systronics' Digital PH Meters model 335		01
	14	PH Meter Digital 'Systronics' Type 335		01
	15	Slide Projector (Metzer) 807A		01
	16	Overhead Projector (Metzer) 806C		01
	17	Peristaltic Pump PP274 S.N. 201373		01
	18	PH meter (Systronic) Digital T-361		02
	19	Godrej Refrigerator 300 Lts. Model No Ultra –Red S.No 00159635		01
	20	General Purpose Centrifuge Cat No R-8C Remi- 16X1.5 ml Swing head cat no R-81		01
	21	BOD incubator - Remi CI-10S		01
	22	Shaker Orbital 05K.Z64 S.No 201370		01
	23	Sonicator 'MES' Ultrasonic Distrtegrator, Model no Soniprep -150,220V, 50Hz with accessories		01
	24	Stabilizer (Powertech) 5KVA		01
	25	Temperature Controlled Orbital shaker Temp Range 5-60°C Variable Speed 20-250RPM, Model No RIS-24BL-REMI		01
	26	I- Orbital Shaking Incubator (temperature Control) Remi model No CIS-24		01
	27	I- Laminar air flow , model no A4-1200, Clean air working size 4X2X2 II- Micro Centrifuge "REMI" model no RM-12C		01
	28	Milli Q water Purification system (Type-I) (Lat. No. F3SA79016) Code-0115		01
	29	Laminar Air Flow – size 4x2x2 Horizontal (CE- 3199) (Cleanair)		01
	30	2D Gel Electrophoresis – T.C.R. – 10-25°C		01
	31	T 100™ Gradient Thermal Cycler – 1861096 (Bio- Red)		01
Mol Biol Lab				

1.	Gel Documentation System + 1 Computer Set (Samsung) + Mitsubishi CP7000 Printer + Alconic Voltage Regulator	Apha Innotech, Windows98, 110v printer + 110v Stabilizer	
2.	Printer	HP Laserjet 1022	
3.	Scanner	HP Scanjet 2400	
4.	Centrifuge: Remi C-30	With 3rotors; (250 ml×4, 25ml×6, 100 ml×4), Cap & Opener	
5.	Centrifuge: Eppendorf 5430	rotors (24x1.5ml, 6x15/50ml)	
6.	Centrifuge: Remi 12C-DX	1l rotor (24×1.5 m)	
7.	Centrifuge: Remi RM-10	1 rotor (12×1.5 ml)	
8.	Vortex Machine	VortexGenie	
9.	pH Analyser	Elico LI612	
10.	Magnetic Stirrer	1(REMI Equipments)	
11.	Aluminium racks	2	
12.	Laminar Flow Hood	1 (SHIVAM)	
13.	Carboys	2×5 Litre 2×10 Litre	
14.	Milli Q Water Purifier	1; Milipore	
15.	UVI Tech: UV-DNA Hybridiser	1;TECHNE	
16.	Broadpad Vortex Mixer	1; Neolab	
17.	Transparent Plastic Boxes	2 (for staining, etc)	
18.	Cyclo Rotator	1; Neolab	
19.	Deep freezer	-20 <sup>0</sup> c; Vestfrost	
20.	Refrigerator 4 <sup>0</sup> c	Vestfrost- FKG 371	
21.	Refrigerator	BPL Frostfree	
22.	Rechargable Lantern	1; BPL (non functional)	
23.	Orbitec Shaker Incubator	Scigenics	
24.	37°C Incubator	NSW	
25.	Serological Water-Bath	NSW	
26.	Book shelf	1 with sliding doors	
27.	Almirah	Godrej	
28.	Thermal Cycler	Techne, GENIUS	
29.	Microwave Oven	LG (MS2341-AE)	
30.	Weighing Balance	Intwel (HP300)	
31.	Weighing Balance	Afcosat (AND GR202)	
32.	Stabilizer, 5KVA	2; Binitron	
33.	Air Conditioner, 1.5 T	2; Voltas	
34.	Waterbath-Shaker	Neolab	
35.	Wall fixed wooden shelf	1	
36.	Hot air oven	NSW	
37.	Drying Oven	SANCO make size 30"x24"x36"	
38.	BOD incubator	Remi	
39.	Ice Flaker	Pooja Lab Equipments	
40.	Rotary Shaker	NSW	
41.	Water Cane	2; Plastic	
42.	Pressure Cooker	2; Prestige	
43.	Distillation Plant	1; Hand made	
44.	Aquaguard Classic	1	
45.	Electrophoresis Power Supply	2 Big (Digital)  1 Small	
46.	Electrophoresis Tank	1 big, 1 small	
47.	Glass pipette stand	3 (plastic)	
48.	Micropipette	Tarsons T20,200,1000 Tarsons T20,200,1000	

			Tarsons T200,1000 Finnpipette 2-20ul Finnpipette 0.5-10ul Nichipet 2-20ul Gilson{P20, P200, P1000}x2	
	49.	Nikon Trinocular Research Microscope	Model E-200, for bright field and phase-contrast microscopy	
	50.	Nanodrop ND2000	1 spectrophotometer with Compaq computer system	
	51.	Heraeus Megafuge 15R	Thermo Scientific	
	52.	Online UPS 5 kva	2, Neopower	
Mushroom Biotech lab	1	Incubator	1	NSW
	2	Freeze (165 lt.)	1	Whirlpool
	3	UV-Visible Spectrophotometer with Computer, CPU, UPS	1	ELICO-SL191, Lenovo
	4	Hot Air Oven	1	NSW
	5	Orbital Shaker Incubator with Stabilizer(CIS 24-B)	1	REMI
	6	Microscope	1	Olympus
	7	BOD Incubator	2	NSW
	8	Cooling Centrifuge with Stabilizer (C 24 BL)	2	REMI
	9	Thermo cycler 96 block PCR	1	Genie
	10	Weighing Balance	1	Wensar
	11	Magnetic Stirrer	1	Remi
	12	Shaking Water Bath	1	REMI
	13	Bench Top Centrifuge (CIS 24-B)	1	REMI
	14	Freeze (200 lt)	1	LG
	15	Laminar (4x4x4)	2	Clean Air
	16	Stabilizer 8 KVA	1	V-Gaurd
	17	Inverter ( with 2 Battery)-1.5 KVA	1	Genus
	18	Cabinet almirah (Book shelf)	1	Godrej
	19	Pressure cooker (one out of working)	3	NSW
	20	Microwave Oven	1	LG
	21	Distillation Unit	1	Rivera
Human Mol genetics Lab	1.	Electronic Balance (Top loading model 440-33N)		Kern-440
	2.	Electrophoresis system with power supply (Horizontal)		Bangalore Genei
	3.	Thermal Cycler		Bio-Rad
	4.	Refrigerator (single door) with stabilizer		Samsung
	5.	Deep Freezer(-20 <sup>0</sup> C) with stabilizer		Vest Frost
	6.	Online UPS (1KVA; with 30 minutes backup)		Emersion
	7.	Air Conditioner		Voltas
	8.	Invatubular Battery		Exide
	9.	Laserjet Printer (Model 1022)		HP

	10.	Scanner(Model Scanjet 2400)	HP
	11.	Inverter	Microtek
	12.	Electrophoresis system with power supply	Bangalore Genei
	13.	Thermal Cycler	Labmate
	14.	Refrigerator (single door) with stabilizer	Whirlpool
	15.	Microcentrifuge (Remi)	Remi
	16.	Vertical gel electrophoresis (Midi) with power supply	Genei
	17.	Dual Vertical gel electrophoresis (Midi)	Genei
	18.	Stabilizer 10 KVA	Kironotics
	19.	Stabilizer 5 KVA	Capri
	20.	Air Conditioner	Voltas
	21.	Microcentrifuge	Labnet
	22.	Deep Freezer-20 <sup>0</sup> C with stabilizer	VestFrost
	23.	Gel Electrophoresis with power supply (Mini and Midi)	Axygen
	24.	Refrigerator with Stabilizer (250 Lts)	Whirlpool
	25.	Finnpipettes (100-1000ul and 1-10ml)	Thermo Scientific
	26.	Finnpipettes (2-200ul and 20-200ull)	Thermo Scientific
	27.	pH meter	Eutech
	29.	Computer (PC)	HP pavallion
	30.	Magnetic Stirrer SPINIT	Tarson
	31.	Hot Plate HOTPOT	Tarson
	32.	Spin Win MC-00; code1000	Tarson
	33.	Spin Win MC-00; Code 1010	Tarson
	34.	Vortex Shaker	Tarson
	35.	Fixapette	Tarson
	36.	Autoclave	NSW
	37.	Waterbath (two)	NSW
	38.	Electronic Balance	Sartorius
	39.	Cooling Centrifuge	Remi
	40.	Laminarhood	Cleanair
	41.	Oven	NSW
	42.	Distillation Unit (metallic)	
	43.	Cyclomixer	Remi
	44.	Balance	Roy Electronics
	45.	CO <sub>2</sub> incubator	Brunswick Ltd
	46.	Laser printer	HP
	47.	Dotmatrix printer	HP
	48.	Transilluminator	UVItec Limited
	49.	Magnetic stirrer	MLH
	50.	Computer with UPS	Compaq
Bioprocessing & Bioremed. Lab	1.	Fermentor 3.5 L	Applikon BV
	2.	Electrophoresis system with power supply (Horizontal)	Bangalore Genei
	3.	Thermal Cycler	Bio-Rad
	4.	Refrigerator (single door) with stabilizer	Samsung
	5.	Electronic balance	K Roy
	6.	Humidifier	NSW
	7.	Bacteriological Incubator	NSW
	8.	Invatubular Battery	Exide
	9.	Laserjet Printer (Model 1022)	HP
	10.	Autoclave bench top	NSW
	11.	Inverter	Microtek
	12.	Laminar hood 4x2x2	Klenzaidas
	13.	Hot air oven	NSW

	14.	Water bath		NSW1
	15.	pH meter		systronics
	16.	Spectrophotometer		systronics
	17.	Micropipette		finpipette
<b>BIL</b>	<b>20 Computers with internet facility</b>			
<b>Microbiology</b>	1.	Electronic Balance	02	Spectronic 361 (01) (01)
	2.	Spectrometer	03	Colorimeter E-305 E (01) UVVIS Spectrometer Photometer SL 164 Visible- 2305
	3.	Incubator	02	NSW – 150 BOD Incubator 152
	4.	pH Meter	02	Cistronic Digital -361 Med Ox - MX 1292-01
	5.	Autoclave	03	NSW (Table) – 01 NSW Vertical 3 Phase 227 Tektronix – BDI - 80
	6.	Magnetic Stirrer	02	ICON
	7.	Colony Counter	02	Ordinary Digital Timed. Cat. LA
	8.	Double Distillation App	02	Barco Make (Single) Barco Make (Double)
	9.	Oven	01	NSW Make
	10	Electrophoresis App	02	Vertical- Genie Horizontal- Genie
	11	Centrifuge	03	Remi- Table 08 – C Micro- Spin Win- Torsion R24 Remi- No Rotor
	12	Microscope	02 01	Labex – Splendor Series Olympus (MLX I TR)
	13	Laminar Flow	02	2X2X2 Clean Air Ikm Cat No. 1347X2X2
	14	Deep Freezer	01	NSW – 152 L
	15	Orbital Shaker	01	Ambient Remi RIS24BL
	16	Thermos Cycle	01	Bio Red MS PTC 1148-C (NOUPS)(Online)
	17	Refrigerator	01	LG 320 L
	18	Cyclamexer	01	Tektronix
	19	Water Bath	02	NSW Ikm
	20	Projector	02	IN Focus
	21	Hot Plate	01	Taut Make
<b>Env. Sc.</b>	1	Electronic balance	1	Kern (ABJ)

2	UV- Vis Spectrophotometer	1	Elico connecting Science &lab
3	Centrifuge	1	Remi
4	Digital Spectrophotometer model -305	1	
5	Hot Air Oven	1	NSW-142/ Narang Scientific Works
6	Incubator	1	NSW-150/ Narang Scientific Works
7	Muffale furnace		NSW -101 Narang Scientific Works
8	Shaker	1	NSW
9	Magnetic Stirrer With Hot Plate	1	-----
10	Conductivity meter	1	Deluxe- 601
11	Hot Plate	1	Tanco
12	pH meter microprocessor based pH system	1	Esico
13	Water Bath	1	Ikon
14	Centrifuge	1	Remi
15	Electrophoresis power supply 0-500 V/0-500 WA	1	Genei
16	Distillation Unit	1	-
17	Auto Clave	1	NSW
18	Deep Freezer	1	Blue Star
19	Laminar Air Flow	1	IK-137/ Ikon
20	RDS	1	APM-460 BL CSIR Neeri(KNOWHOW )
21	Freeze GL 225BAD-5	1	LG
22	COD Assembly	1	Perfect India
23	Vacuum pump	1	-
24	Microscope	2	Lavex medstar

All these laboratories are equipped with sophisticated as well as routinely used equipments. To manage the laboratory activities and its maintenance the labs have technical and supporting staff. Please refer to section 3.1.7 for the expenditure and budgetary provisions in library, equipments, laboratories, and conferences/seminars. The list of equipments and details will be furnished at the time of peer team visit.

**3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.**

Vivekanand Central Library in the University with all its ICT facilities serves as major Information Resource Center to cater to the needs of the students and researchers. The University has excellent Library resources including e-Journals & other online resources like INFLIBNET. It has 1,12,006 books, 318 Journals (national and international), 557 back volumes, 10,211 Ph. D theses, and gives access to 1643 e-journals, 7743 e-books, 99997 e-theses, 760 CD & VCD and databases (02). The library is undergoing the process of automation/digitization which will make access to information easy and less time consuming. The central library also has a facility of many computer nodes for the members to access information resources available. In addition to above, the University has well established internet facility and computer labs for students and research scholars. J-gate, F-gate, easy proxy

**3.3.3 Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC? No**

**3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?**

The university provides residential accommodation to the research scholars in one boys' hostel and a special research wing in girls' hostel. These rooms have internet ports. Trainee students are provided accommodation along with internet facility. Computer lab in the library and central computer lab are used by them. At present The University have 549 Computers, 99 printers, 197 UPS.

**3.3.5 Does the university have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?**

The University promotes research in PG departments for which it has well equipped

labs out of which some sophisticated instruments such as Atomic Absorption Spectrophotometer, Karyotyping Work Station are available for college teachers to analyze their sample.

**3.3.6 Does the university have centers of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.**

The Faculty of University run various projects funded by eminent National and International agencies like UGC, DST, DBT, CSIR, ICSSR, UNICEF, etc. The resources of these projects like equipments are shared by other departments and are available for use to promote interdisciplinary research and practical.

**3.4 RESEARCH PUBLICATIONS AND AWARDS**

**3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.**

1. J. Business & Finance (biannual)- ISSN No.-0974-3413  
Chief Editor- Dr. SK Sinha  
Editorial Board-Dr. HC Purohit, Dr. Sangeeta Sahu, Dr. Ajay Dwivedi
2. J. Business Vision (Biannual)- ISSN NO.- 0973-1369  
Chief Editor- Dr. Manas Pandey  
Editorial Board-Dr. HC Purohit, Dr. Balbir Singh, Dr. SK Sharma

**3.4.2 Give details of publications by the faculty:**

- \* Number of papers published in peer reviewed journals (national/international)-**608**
- \* Monographs- **NIL**
- \* Chapters in Books - **41**
- \* Books edited - **26**
- \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, EBSCO host, etc.)- **10**
- \* SNIP- **NIL**
- \* SJR- **NIL**
- \* Impact Factor – range / average – **0-10.798**



### 3.4.3 Give details of

\* faculty serving on the editorial boards of national and international journals

Department	Name of Faculty	Journals Name
Biotechnology	Prof D DDubey	<ul style="list-style-type: none"> <li>▪ International Journal of Advanced Biotechnology Research (<a href="http://www.i-scholar.in">www.i-scholar.in</a>)</li> <li>▪ IJMG</li> <li>▪ IJGEB</li> <li>▪ Dev. Microbiol. &amp; Molbiol.</li> <li>▪ Int. J. Biotechnol. &amp; Bioeng. Res.</li> <li>▪ Int J Agr Food Sci&amp; Technol.</li> <li>▪ Global J Appl. Agr. Res.</li> </ul>
	Dr Vandana Rai	<ul style="list-style-type: none"> <li>▪ International Journal of Life Science and Pharma Review (<a href="http://www.ijlpr.com">www.ijlpr.com</a>)</li> <li>▪ Asian journal of Medical Sciences</li> <li>▪ International Journal of Pharmaceutical and Chemical Sciences (<a href="http://www.ijpsonline.com">www.ijpsonline.com</a>)</li> <li>▪ American Journal of Biomedical Research (<a href="http://www.sciepub.com">www.sciepub.com</a>)</li> <li>▪ International Biological and Biomedical Journal (<a href="http://www.ibbl.org">www.ibbl.org</a>)</li> <li>▪ Aperito Journal of Biotechnology and Biomaterials: Recent Trends (<a href="http://www.aperito.org">www.aperito.org</a>)</li> </ul>
	Dr Ram Narain	<ul style="list-style-type: none"> <li>▪ Micrbioz journal</li> <li>▪ Bioengineering and Bioscience</li> </ul>
Microbiology	Dr SP Tiwari	<ul style="list-style-type: none"> <li>▪ Former member of Ed. Board J. Pharmacy Research (JPR)</li> </ul>
Human Resource Development	Dr. Avinash D. Pathardikar	<ul style="list-style-type: none"> <li>• Journal of Management: Values and Ethics</li> </ul>
Human Resource Development	Dr. Sangeeta Sahu	<ul style="list-style-type: none"> <li>• Journal of Business and Finance</li> </ul>
Business Economics	Dr H C Purohit	<ul style="list-style-type: none"> <li>▪ Journal of Business &amp; Finance Research, deptt of Financial Studies, VBS PU</li> </ul>
	Dr Manas Pandey	<ul style="list-style-type: none"> <li>▪ Business Vision, Deptt of Business Economics, VBS PU</li> </ul>
Financial Studies	Dr. S.K. Sinha (on Lien)	<ul style="list-style-type: none"> <li>▪ Chief Editor, Journal of Business and Finance, Deptt of financial Studies, VBS PU</li> </ul>
	Dr. Ajay Dwivedi	<ul style="list-style-type: none"> <li>▪ Member, Editorial Board, GGGI Management Review</li> <li>▪ Member, Editorial Board and Advisory, Journal of Management Value and Ethics, Gwalior</li> <li>▪ Management Academy, Gwalior, Madhya Pradesh</li> </ul>
	Mr. Sachin Agrawal (on leave)	<ul style="list-style-type: none"> <li>▪ Journal of Business and Finance</li> </ul>
Pharma.		<ul style="list-style-type: none"> <li>▪ CPCSEA</li> </ul>

- \* Faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies: No

#### 3.4.4 Provide details of

- \* research awards received by the faculty and students
- \* national and international recognition received by the faculty from reputed professional bodies and agencies

Prof. DDDubey

- John E Fogarty International Fellowship (1988-90)
- Visiting Fellow, JNCASR, Bangalore (1998-99)

Dr Manas Pandey

- Former Executive Member, Indian Commerce Association (ICA)
- Best Business Academic Award of the year 2008, Silver Medal by AICA

Dr. HC Purohit

- Executive Member, Indian Commerce Association (ICA)
- Prof. Manubhai Shah best Research paper award by AICA

Dr. S. K. Sinha (on lien)

- Former Executive Member, Indian Commerce Association (ICA)

Dr. Sangeeta Sahu

- Executive Member, Indian Society of Training & Development (ISTD), Lucknow Chapter
- Best Paper Award in International Conference on Advances in Management and Technology: Mapping Strengths and Opportunities, Organized by MNNIT, Allahabad in January, 2005
- Best Business Academic of the Year-2014 (Silver Medal) in 67<sup>th</sup> All India Commerce Conference (AICA) held in December, 2014.
- Won second Best Paper Award-2012 of Indian Society for Training and Development (ISTD).
- Adjudged Second Best paper entitled as 'Career Commitment and Career satisfaction: Role of Ethics and Affective Commitment' by Delhi school of Professional studies and Research (DSPSR), New Delhi in 2012
- Received prestigious Kamla Award for Best Paper by Indian Society

for Training and Development (ISTD) in 2009.

Dr. Avinash D. Pathardikar

- Best Paper Award in International Conference on Advances in Management and Technology: Mapping Strengths and Opportunities, Organized by MNNIT, Allahabad in January, 2005
- Silver Medal- Best Business Academic of the Year-2014 in 67<sup>th</sup> All India Commerce Conference (AICA) held in December, 2014.
- Won second Best Paper Award-2012 of Indian Society for Training and Development (ISTD).
- Won Second Best Paper in XIII International Seminar on Ethics, Morality & Spirituality: Organized by Delhi School of Professional Studies and Research (DPSR) in 2012

Dr. Pradeep Kumar

- Summer Teacher Fellowship of Indian Academy of Sciences (2002)

Dr. Manoj Mishra

- Science Communication For Agri -Innovation Award For Outstanding Contribution in the Field Of Mass-Communication in National Conference On Reinvigorating Agricultural Innovations For Farmers Empowerment and Development (RAINFED-2015), organized by GKV Society, Agra, India, at University Auditorium, PJTSAU, Hyderabad on 03<sup>rd</sup>-04<sup>th</sup>, May, 2015

Mr. Dharmendra Singh

- First prize at KGMU, Lucknow for outstanding presentation on discovery of new drugs from natural sources

**3.4.5 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in *Shodhganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?**

After the UGC 2009 regulation for registration of Ph.D. Scholars the enrollment in Ph. D was put on hold in the State during these years. Because of this constraint only few Ph.D. were awarded in these years as they were registered prior to the change in UGC regulations. The new Ordinance regulating Ph.D. admission approved in 2014 has now been implemented in the University and admissions have been initiated for

session 2015-16.

However, the University implemented Shodhganga and Gangotri scheme for depositing theses and synopsis, respectively.

**3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.**

As per the policy, supervisor and the research candidate have to certify that the thesis being submitted is an original work. The University promptly acts on any complaints related to malpractices and plagiarism. It sets up enquiry to address such complaints in research. Further, it is planning to procure Anti Plagiarism Software and use it before submitting any thesis or research papers for publications to journals for knowing the similarity index with already published work. One plagiarism case reported i.e. Prem Chand in Mathematics (letter no. 4046/Kulpati Karyalaya/2015/dated 13.07.2015).

**3.4.7 Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?**

To promote research in allied and interdisciplinary subjects a committee has been formed involving the Deans and Convener of BOS of all faculties to facilitate collaborative effort for research.

**3.4.8 Has the university instituted any research awards? If yes, list the awards.**

The University has initiated research scholarships for top most research scholars from each Department. An amount of Rs. 5000 will be given to them. To protect the research interest of the teacher the University has initiated the start up grant and initially Rs. 6,50,000/- released-

S N	Principal Investigators	Co- investigator	Dura tion	Total amount		Title
				1 <sup>st</sup> yr	2 <sup>nd</sup> yr	
1	Dr. Santosh Kumar Deptt. Of Physics	Dr. Raj Kumar Deptt Of Mathematics	1.5 Yr	40,000 /-	20,000/-	Close form solutio Natural convection Rectangular Enclos Using Si Transformations Meth
2	Mr. Sanjeev Gangawar, Deptt. of ISE and IT	Mr. Prashant Kumar Yadav, Deptt. of ISE and IT	2 Yr	55,000 /-	15,000/-	IS PUBLIC- KEY CRYPTOGRAPHY POSSIBLE for highly secured

						connection- AnAnalysis.
3	Dr. Saurabh Pal, Department of MCA	Nil	2 Yr	50,000 /-	15,000/-	Application of data mining techniques with special reference to academic performance monitoring and evaluation in higher education.
4	Dr. Raj Kumar Deptt Of Mathematics	Dr. Mukesh Kumar, MNNIT, Allahabad	1 Yr	95,000 /-	Nil	On exact solution of (3+1)- burgers equation using similarity transformation method.
5	Dr. Ashok Kumar Srivastava, Deptt. of applied chemistry	Dr. Amrendrakuma rsingh, Deptt. of applied chemistry	1 Yr	95,000 /-		To investigate the biological chemical and toxological parameter of water and soil pollution.
6	Dr. Ajay Pratap Singh, Deptt. of Applied Pslchology	Nil	2 Yr	85,000 /-	Nil	Ledership style organigational justice and organigational structure and its effects on organigationalcomm itement and job satisfaction.
7	Dr. Rajesh Sharma, Deptt. of Biotechnology	Dr. S.P. Tiwari, Deptt. of Microbiology	1 Yr	90,000 /-	Nil	Exploration of bacterial communities in the university surrounding for the production of alkaline proteases.
8	Dr. NoopurGoel, Deptt. of MCA	Nil	2 Yr	45,000 /-	45,000/-	Some observation on modernization and maintainability of legacy systems.
	<b>TOTAL</b>			<b>Rs. 6, 50, 000/-</b>		

### 3.4.9

#### **What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?**

The University is taking initiatives to give incentives to recognize its faculty for receiving state, national and international recognition in teaching, research and extension activities.

### 3.5 CONSULTANCY

#### **3.5.1 What is the official policy of the university for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.**

The University encourages its faculty for taking up consultancy projects and supports them through its infrastructure. The concerned faculty only needs to take permission from the University authorities for commencement of the project.

Dr. Sangeeta Sahu (HRD)	UNICEF, Lucknow	Training of village and block level child protection committees in 5 blocks of Jaunpur	16,97,800.00
Dr. Avinash Pathardikar (HRD)	UNICEF, Lucknow	Training of Village, Block and district level child rights and child protection committees of Jaunpur, Mirzapur and Sonebhadra of Uttar Pradesh.	43,04,300.00

**3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?**

The university has an Industry Institute Interface Cell (IIIC) to provide a platform for academia and practitioners to come together. It was formed in 2014 as separate entity to bridge the gap between theory and practice and to sensitize university towards needs of the industry.

The Cell gives opportunity to the students and faculty to interact with the top management people from industry and develop an insight of the expectations of industry from the students and institutions. It helps to address the issue of employability. This helps in curriculum development of the programme. Activities like “HR Conclave’15 on Transformational HR for Sustainability” and “Corporate Conclave Horizon’ on Innovative Business Practices” were organized by the III Cell in 2015. Eminent people from industries and well placed alumni working in reputed organizations addressed the students and motivated the gathering of students.

**3.5.3 What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?**

The faculty interacts with the organization and with permission of the Registrar the consultancy work is carried out by them. The Industry Institute Interface Cell is working towards preparing a database of the technical expertise collected from the faculty members of the University.

Department of HRD, Faculty of Management Studies carried out consultancy work for UNICEF and State Government on Integrated Child Protection Scheme (ICPS) in village, block and district level.

**3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?**

The Department of HRD, Faculty of Management Studies carried out consultancy work for UNICEF and State Government on Integrated Child Protection Scheme (ICPS) in village, block and district level. The faculties organized Training Programmes for the trainers and Child Protection Committees at village, block and district levels with their expertise in managing resources and preparing training schedule, conducting and facilitating the process.

**3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.**

Consultancy has been provided by the Department of HRD, FMS in the area of training the trainers and people of Child Protection Committees at village block and district level. The total cost of the consultancy project is Rs.60, 02,100 from UNICEF.

**3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)**

**3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.**

The university departments have organized sensitization programs with the faculty and students on contemporary issues in various fields. Academic activities such as departmental seminars, workshops, presentations, wall magazines and extracurricular activities in sports and cultural events round the year are complemented with different outreach programmes that build students' campus experience.

- Awareness generation programmes by celebrating days and activities that provide interface with the students and the community on the themes of Environment Day, Women's Day, HIV/AIDS, Science Day, Youth Parliament, Sports Day, Constitution Day, Human Rights Day, Vivekanand Jayanti, Gandhi Jayanti, etc. by involving faculty and students from different departments of the University helps to sensitize the students. This helps to inculcate the sense of social responsibility of the faculty and the students towards the society/community.

- Issues of maintaining cleanliness, environmental protection, etc., are addressed by organizing special awareness drives, street skits, and dramas from time to time. The university has introduced a compulsory non-credit paper namely 'Environmental Studies'.
- "One Student - One Tree" initiative to generate awareness and sensitize students to plant trees. More than 2000 trees has been planted in campus.
- "Prerana- A free coaching to disadvantage category" is a practice adopted by students from Engineering and Pharmacy to impart free educational program for poor and rural students from neighboring places of University.
- Blood donation and health check-up camps are organized for health awareness and social responsibility of individual.
- Training programs are organized for the students on mental health check-up and behavioral problems & aberrations.
- Issues related to child problems and awareness work was carried out with help of UNICEF.
- One Student-One Tree drive generated awareness on environment protection and plantation leading to planting of 600 trees in the campus.
- All the buildings in the premises have statues of eminent persons from the country; their birth anniversaries are celebrated by the concerned departments/faculty.
- Gender sensitization programmes are organized by the Women cell to sensitize the students, faculty and staff on gender issues.
- Bappu bazaar organized by the NSS volunteers for the economically deprived is an initiative by which they put up stalls in colleges located in rural village areas. In these stalls old things like clothes, footwear, utensils, toys, etc. collected from affluent are sold in a minimum price ie. Rs.2.00 to Rs.10.00.



- The university has 475 NSS Units and adopted 474 villages against the target of 500 villages. The main activities in 2014-15 are as follows-

Allocation and achievement							
Allocation	Achievement	Male	Female	SC	ST	OBC	Minority
47500	47400	18640	28760	8664	65	20166	4205

07 Days special Camps				
Nature of camp	No. of camp organized	Participation		
		Male	Female	Total
Day camp	-	-	-	-
Day Night camp	474	9308	14392	23700

Blood donation			Tree plantation			Pulse polio		
No. of camp held	No. of Volunteers	Blood Units Donated	No. of Programme	No. of Volunteers	No. of tree planted	No. of camp	No. of Volunteers	NO. of beneficiaries
20	2000	600	60	6000	25000	30	3000	5500

Name of programme	Date	Participation			Total
		Male	Female	Pos	
Self defence	26/02/2015	250	200	50	500
Awareness AIDS, national youth day, Yoga, water conservation, unity day,etc	12/08/2014 to 27/02/2015	11000	16000	450	27450
Swachata	25/12/2014, 05/02/2015, 27/02/2015	14000	10000	254	34254
Medical & health check up	27/12/2014, 02/02/2015	1500	2000	18	3518
Road sfety	24/10/2015 to 30/10/2014	5000	4500	75	9575
River cleanaliness	05/02/2015, 27/02/2015	3000	2000	25	5025
Eradication of congress grass	25/12/2014, 05/02/2015	2000	1800	30	3830
Bapu Bazar	31/11/2014, 31/12/2014, 27/01/2015, 25/02/2015, 26/02/2015	10000	12000	150	22150
Red Ribbon (AIDS)	12/08/2014 to 27/08/2014	5000	4000	105	910505
UNICEF	05/10/2014, 27/02/2015	1500	2000	20	3520

Special achievement for 2014-15- Bapu swabhiman kopsh in hand cash Rs. 2,14,579/- and no account submitted I reporting year. The report for 2015-16 is in compilation process.

### **3.6.2 How does the university promote university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development?**

- The university promotes the neighborhood network through its full fledged NSS office. There are four NSS units with the University campus. The NSS office provides training to students to enable them to contribute to various community service activities such as organizing Bapu Bazar, blood donation camp, AIDS awareness programmes, entrepreneurship etc. NSS volunteers actively organize and participate in bappu bazaar, cleaning of ghats, blood donation camp, tree plantation, pulse polio mission, AIDS awareness campaign education awareness campaign, voting awareness campaign, seminars and workshops. 31 Bappu bazaar have been organized and an amount of Rs 114,579.00 fund has been raised. Rover Rangers participated in different camps of district level college level university and state level.
- Department of Biotechnology organizes various camps related to public welfare such as genetic counseling camp and related disorders, mushroom training for local farmers psychological tests,
- Students from department of HRD and faculty address the villages in surrounding blocks on Child Protection, etc.
- “Prerana”, an activity carried out by the Engineering students to provide coaching to the economically backward children of neighboring villages free of cost.
- Students and Faculty from Department of Applied Psychology frequently participating in activities like mental health awareness programme and AIDS awareness and counseling programs.
- Students from Mass Communication department visit different villages to create awareness about basic scientific temper, health (Food & Nutrition), agriculture diversification, infectious and bacterial diseases ,vaccination, first aid in accidents , balanced Human diet etc.aimed at social empowerment of masses.
- The students from the Department of Pharmacy conduct physical health check up camps in villages and blood donation camp.

**3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?**

The university regularly organizes seminar/meetings to create social awareness among students and faculty about aims and objectives of national services of NSS. Bapu Bazar, blood donation camp, AIDS awareness programmes and entrepreneurship etc. NSS volunteers actively organize and participate in Bapu bazaar, cleaning of ghats, blood donation camp, tree plantation, pulse polio mission, AIDS awareness campaign education awareness campaign, voting awareness campaign, seminars and workshops. Volunteers of NSS (campus and affiliated colleges) run for cleanliness and other social services campaign in rural and urban areas round the year. Rover Rangers participated in different camps of district level college level university and state level. To give privilege to NSS certificate holder, weightage is given during admission in various academic programmes in campus and affiliated colleges. The university has allocated proper amount of budget for above activities as given below-

***Routine programme***

Session	Grants (Rs)	Expenditure (Rs)	Deposited in Treasury (Rs.)	Balance (Rs.)
2011-12	99,25,000	99,32,646	60,888 transferred to special programme	
2012-13	64,37,500	76,15,547	7,48,805	-
1013-14	99,12,500	1,10,51,755	9,05,033	-
2014-15	1,17,75,000	1,17,75,048	1,67,118	-

***Special programme***

Session	Grants (Rs)	Expenditure (Rs)	Deposited in Treasury (Rs.)	Balance (Rs.)
<b>2011-12</b>	89,32,500	94,39,300	-	
<b>2012-13</b>	63,56,250	63,45,000	-	-
1013-14	93,82,500	94,16,375	33,750	-
2014-15	1,07,10,000	1,06,65,000	45,000	-

**3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?**

- Mushroom training and spawn free of cost for cultivation of mushroom at commercial scale. It not only generated the self employment but fights

against malnutrition and manages agricultural solid waste also.

- Awareness related to genetic disorders and related problems are provided based on research conducted in these areas.
- Students and teachers frequently participate in activities like mental health awareness programme and AIDS awareness and counseling programs.
- Data on child labour from 21 blocks of Jaunpur district was collected in a survey.
- Under Integrated Child Protection Scheme (ICPS), members of child protection committees at village and block level were trained.

**3.6.5 Does the university have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?**

The record of involvement of students in various social activities is maintained by respective department. Some activities like 'One student-One tree' campaign (more than 2000 trees are planted), Child Rights awareness campaign, Youth Parliament etc. such activities promote citizenship roles. An Alumni Association is formed this year to serve as a platform for the pass out students to come together, share their experiences in life, professional as well as social.

**3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.**

The university not only delivers knowledge for career development but promotes the inculcation of moral and social values in the students to make them good human being and responsible citizen. The engagement of the students in extension activities is an action learning process that embeds in them right values, insight on real social problems and technical aspects of the problem and its possible solutions. It inculcates the values of patriotism, social responsibility, honesty and integrity, analytical ability, team spirit, leadership quality, creative & critical ability, organizational skill and developing interpersonal skills keeping in view the objectives and outcomes of extension activities. Involvement in such type of activities of students developed tolerance level, sensitive to environmental protection, national integration and emotionally charged for welfare of the society.  
Add from Digvijay list

**3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.**

The university departments like Biotechnology, Environmental Science, Microbiology, Applied Psychology, Mass Communication, Human Resource Development, etc. actively involved in environmental awareness, gender sensitization, domestic violence, health awareness, female feticide, entrepreneurship development, promotion of folk music, dance and culture, issues of child labour and necessity of child protection, etc. Please refer to section 3.6.1 and 3.6.2 for details.

**3.6.8 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.**

Hon'ble Governor of State Sri Ram Naik Jee and Chief Election Officer of State Mr. Umesh Sinha felicitated NSS Unit University in YUVA (Youth United for Voter Awareness) on January 25, 2015 in which 18 participants (10 male, 8 female) received Medal. The affiliated colleges namely TD PG College, Jaunpur, RSKD PG College, Jaunpur, Ganga Gauri College, Azamgarh have actively participated in the programme. One of the achievements of the programme was obtaining second position by NSS. The NSS cadet from the University participated in Republic Day parade held on January 26 during 2012-13 (Manoj yadav and Hariom yadav) and 2013-14 (Yashwant Yadav) sessions.

**3.7 COLLABORATION**

**3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?**

The University has initiated its activities by collaborating with other Universities to share resources and expertise. In collaboration with American Universities an International Conference on Counselling and Community Psychology was organized by the Department of Applied Psychology. Eminent person like Dr. Bradley Erford, President-elect, American Counseling Association and many others addressed the conference.

Collaboration in consultancy with UNICEF has given exposure to the Department to work with International body. Academically the students gained insight on human

resource front at macro level, practised art of communication, persuasion and analysis of situation.

Project and research papers written in collaboration have enhanced publications and reports.

### **3.7.2 Mention specific examples of how these linkages promote**

**Curriculum development:** The linkages of the University with industries, business organizations, NGOs and other academic and research institutions have enabled the faculty to keep up with the developments in their respective areas of interest/specializations. It has helped the faculty to upgrade and modify their course curricula from time to time.

**Internship and on-the-job training:** The students visit various organizations/ Institutions/research centers with linkages for internship and project work. These linkages enable the students to complete their projects and provide opportunity to interact with leading personalities in their respective areas of interest. It helps them in improving their knowledge, skills and at times get job opportunities.

**Faculty exchange and development:** The faculty comes across newer ideas and techniques to improve their teaching skills and research work. Yet to start exchange programme as initiatives have been taken for MoU with other organizations and agencies. Faculties are invited to other Universities/Institutions for talk and vice versa.

**Research:** Faculty visiting advanced labs and research institutions gets access on sophisticated equipments, exposure to the latest research techniques, statistical tools, databases, etc. This type of exposure greatly helps the faculty members to improve research.

**Publications:** The collaborative research papers enhance scope of publication.

**Extension activities:** The University faculty collaborates with NGOs and other institutions for creating awareness on various issues of social concern.

**Student placement:** The linkages established with different business establishments and the industry help students to develop knowledge and skill for better job opportunities.

### **3.7.3 Has the university signed any MoUs with institutions of national/international importance/other universities/ industries/corporate houses etc.? If yes, how have they enhanced the research and development activities of the university?**

MoUs contribute to exchange of knowledge and expertise in different fields.

MoU with IIT Bombay on “Spoken Tutorial Project” is to impart software training programme among the students of various departments of the University and affiliated colleges.

MoU with National Institute of Electronics and Information Technology (NIELT), Gorakhpur for University as a online examination center in the University campus. Since last three years the University has been facilitating the conduct of CCC online examination

**3.7.4 Have the university-industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?**

The Industry Institute Interface Cell has been established by the University to develop better relations and understanding between the parties. Initiatives are being taken for active participation of Industry/Institutions towards development of the University.

## **CRITERION: IV**

### **INFRASTRUCTURE**

#### **4.1 PHYSICAL FACILITIES**

##### **4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?**

The University campus, spread over an area of 171.34 acres, is well laid with the state-of-the-art buildings, and roads connecting all buildings fitted with street lights and high-mast power mercury lamps. The University has adequate infrastructural facilities for all academic, administrative, examination, and other related activities.

##### **Planning of adequate physical infrastructure**

The University focuses on its goals, and ensures proper planning and optimal utilization of its resources. All the university teaching departments and administrative units identify their annual financial requirements for maintenance of existing infrastructure, development of new physical infrastructure, enhancement of facilities in laboratories, strengthening of information and knowledge delivery systems, enhancement of co-curricular, extra-curricular, sports and other student-centric activities etc. and submit the same with justification to the university authorities for consideration. After taking into consideration the requirements of each department/office, budgetary provisions are judiciously made in the university budget with the approval of the statutory authorities.

- ✓ **Teaching Blocks:** There are as many as four teaching blocks and other independent buildings housing 18 teaching departments in separate self contained Faculty buildings and spacious seminar/conference halls. All the departments are provided with adequate number of classrooms, well-equipped laboratories, separate sitting rooms for the faculty, and seminar rooms for academic interactions. The University has separate blocks to house its administrative and examination branches.
- ✓ **Smart Class rooms:** In every academic block smart class rooms are being provided with ICT facilities, LCD projectors etc.
- ✓ **Classrooms:** Every department has at least two class rooms.
- ✓ **Auditorium:** The Auditorium, with 750 seats and equipped with the state-of-the-art gadgetry, provides a platform to the students to give vent to their extra-curricular



talents. It keeps buzzing throughout the year with cultural and other youth programmes.

- ✓ **Conference Halls:** every academic block has well furnished and air conditioned conference hall.
- ✓ **Computer Labs:** Every academic block has computer labs to facilitate computer education along with internet facility.
- ✓ **Practical Labs (Science):** There are 48 labs to conduct practical classes in faculty of Science, Engineering, Applied Social Sciences and pharmacy
- ✓ **Media Lab (Mass Communication):** 01 studio
- ✓ **Animal House:** there is 01 animal house in pharmacy
- ✓ **Botanical Garden:** there is 01 botanical garden in pharmacy
- ✓ **Internet facility:** The University provides internet facility to all the administrative and academic blocks including hostels
- ✓ **Generator Facility:** each academic block, administrative block and hostels are provided with generator facility.
- ✓ **Hostels:** On-campus residential accommodation is provided in 6 hostels – 02 for girls and 04 for boys with intake capacity of 1070 students. All the buildings including hostels are equipped with generator back up to ensure uninterrupted supply of electricity.
- ✓ **Library:** The University has central library along with departmental libraries with necessary infrastructure like computer labs, internet, books, Journals etc..
- ✓ **Sports Ground:** The University has EKLAYA stadium and sports complex to facilitate all the out door and in door games with required equipments
- ✓ **Gymnasium:** A well equipped gymnasium for health and fitness is available in the sports complex. The boys and girls hostels have well equipped mini gymnasiums to facilitate the students
- ✓ **NSS/NCC/Rovers/Rangers:** A separate building for NSS and rover-rangers is present in campus for their activities.
- ✓ **Health & Hygiene:** The University has two Health Centers; one belongs to the University with a doctor and other para-medical staff with OPD facility and caters to the primary health care needs of the student community and the University employees, the other health center is run by State Government, 24X7 services of 108 Ambulance for students and University staff provided by State Government.

- ✓ **Transportation:** The University Transport Office supports a two buses and other vehicles to cater to the students' and the staff transport needs. Residential Facility is available for all regular faculty and non-teaching staff in the campus. The Transit Hostel is available for young and contractual faculties on nominal charges.
- ✓ **Maintenance Cell:** The Maintenance Cell ensures uninterrupted water and power supplies. The teaching blocks, library and hostels have generator sets to overcome the problem of electricity failure. For overall maintenance of campus such as photocopier, water cooler, generator facility, electricity maintenance, cleanliness of campus, gardening, building maintenance etc are as:

Year	Budget in Rs
2014-15	1,65,000,00
2015-16	12,15,000,00
2016-17	21,70,000,00

- ✓ **Canteen:**the academic blocks and hostels have cafeteria to serves students for light refreshment
- ✓ **Student Facility Center:** Students Facility Center is the central focus for students needs housing bank, post office and other facilities. Branches of Punjab National Bank and Oriental Bank of Commerce are the other facilities available on the campus.
- ✓ **Guest House:** A separate GuestHousefor Visiting Professors caters the need of staying huge number of outside faculties during central evaluation, conferences and other mega events. Similarly, a separate N.S.S. building is there meant for NSS activities. There is a building for Rovers and Rangers as well.
- ✓ **Residential Accommodation:**
- ✓ **Transit Hostel:** Furnished transit hostel provides accommodation to the faculty, employees and their families.
- ✓ **Day Care:**the University provides day care facilities to assist the working women and employes of campus. It is well equipped with attendet facilities and is run by the warden of the girls hostels in the campus.

#### **Optimal utilization of physical infrastructure**

The University endeavors to ensure optimal utilization of its resources. Some facilities such as classrooms, language lab, and computer labs are shared by different departments by staggering and appropriately adjusting the timings of teaching classes. Costly scientific equipments are accessible to all the departments for use. Besides, the

facilities and services like university auditorium, conference halls, sports complex, and community centre are also provided to local community. Indoor stadium is in process of construction.

**4.1.2 Does the university have policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.**

The University has been vigorously pursuing up-gradation of its infrastructural facilities with the changing scenario on the academic front. An amount of Rs. 20 Crores has been sanctioned for the projects under process.

- The replacement of traditional classrooms with smart classrooms equipped with e-podiums, interactive panels, and latest audio-visual aids are in the offing.
- Putting a robust campus-wide network in position and providing more than 750 network points in all the new and old buildings is a landmark achievement, and is a big leap forward towards university's goal of total e-Governance.
- Establishment of a Language Lab for improvement of communication skills is another important accomplishment.
- Availability of e-resources and continuous process of enriching the library with new journals and digitalization are some initiatives that present University's initiative to promote infrastructural for good teaching-learning environment.
- Printers, Photocopier and Scanner provided to all the departments.
- Departmental libraries are improved with good collection of books.
- New books and latest edition of books added to the rich collection of books in the Central Library.
- Software to facilitate learning of various courses was added.
- New equipments in labs are acquired to cater to the requirement.

<b>Heads</b>	<b>2014-15 (Rs. in thousands)</b>	<b>2015-16 (Rs. in thousands)</b>	<b>2015-16 (Rs. in thousands)</b>
Laboratories & equipment and softwares	10979	41050	26000
Computer & accessories	1179	8000	5000
Library	8210	43010	37500
Seminar/Conferences	129	955	1455
<b>Total</b>	<b>20497</b>	<b>66015</b>	<b>69955</b>

- Expenditure on furnitures and AMC is given below

Year	Furniture (Rs. in thousands)	AMC (Rs. in thousands)
2014-15	1281	112
2015-16	6050	4200
2016-17	90100	7500

#### **4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?**

- The University has adequate well-furnished classrooms equipped with latest audio-visual aids and ICT gadgets – LCD projectors TVs, multimedia systems, etc. – to provide a fillip to the traditional pedagogy of teaching. Conversion of traditional classrooms into smart classrooms equipped with e-podiums, interactive panels, and other gadgetry is a short while away fact.
- The science labs are rich in their inventory of a variety of instruments and equipments.
- Seminar/ conference halls are shared by the departments whenever required.
- Academic activities are further backed by university library system having a rich collection of books, journals, back issues and e-resources.
- The University has robust Campus Wide Network- an amalgam of OFC and Broad band technologies, with 100 mbps internet speed 750 nodes. All the departments/offices/hostels are linked to the Campus Network.
- Facilities such as Personal Computers, Printer, Photocopier, and Scanner are provided in all the departments.
- To provide conducive ambience for work, the University provides access to consumables, support services (water, electricity, and generator facility), security services including women security guards, and health services with 24x7 of Gypsy Van. Recently a qualified doctor is appointed with sufficient paramedical staff.

#### **4.1.4 Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?**

The departments in different Teaching Blocks have facilities like Room for Head of Department/Dean, Office room, and Rooms for faculties. Separate

rest/common rooms for women students in the four teaching blocks are in process of being prepared with required facilities.

**4.1.5 How does the university ensure that the infrastructure facilities are disabled-friendly?**

- The University takes care of the interests of differently-able students, and teaching and non-teaching staff. Ramps, railings are being constructed in various buildings in the University Campus.
- Classes and Examination of such students are held on the ground floor and initiatives are taken to facilitate physically disabled students during examination.
- Security staff in each building helps disabled persons.
- In Vivekananda Central Library, reading, and internet facilities are available on the ground floor for the convenience of the differently-able students. Such students can go into the Library with their wheelchairs.
- Facility for blind students in Library for reading material and other options is in process.

**4.1.6 How does the university cater to the requirements of residential students? Give details of Capacity of the hostels and occupancy (to be given separately for men and women) Recreational facilities in hostel/s like gymnasium, yoga centre, etc. broadband connectivity / Wi-Fi facility in hostels.**

Hostel Name	Total Capacity	Present Inmates	Gym	Mess/ Cafeteria	Internet Points in each room	Recreation Facilities/ Indoor games with News paper & Magazines	Generator
Vishwakarma Hostel	288	93	Yes	Mess	Yes	TV/ Carrom/ Chess/ Badminton	01 of 62 KVA
Dr. C V Raman Hostel	228	220	No	Mess	Yes	TV/ Table tennis	01 of 125 KVA
Charak Hostel	180	155	Yes	Mess	Yes	TV	Common for both hostel
Gurudev Ravindra Nath Tagore Hostel	180	Nil	No	Mess	No	TV	01 (30kva) Not Functional

02 Hostel	118	Likely to be handed over by Agencies, Samaj Kalyan Vibhag and Uttar Pradesh State Construction & Infrastructure Development Corporation Ltd. very soon					
Draupadi Girls Hostel	170	152	Yes	Yes	Yes	TV/ Table/ tennis/ Badminton	01 of 30 KVA Common for both hostel
Meerabai Girls Hostel	105	31	Nil	Yes	Yes	TV	
Yamnotri Hostel	Inagurated on February 13, 2016 by Padma Shree Dr Prem Shankar Goel, ISRO, Bengaluru specially for lady teachers and research Scholars					Having 06 Flats, capacity 12 inmates; 02 halls, capacity 60 inmates	
Gangotri Hostel	Inagurated on February 13, 2016 by Padma Shree Dr Prem Shankar Goel, ISRO, Bengaluru					Having 10 flats twin rooms	

All the gyms in the hostel are equipped with multy functional Manual Treadmill, Manual Treadmill, Spine Bike, Home Jim 15 exerciser, Hexagonal dumbbell, Imp. V Grip, Anklewrist Weight, Imp. Push up bar with twister, Imp. Spiral Push up bar box packed, Skipping rope, Triceps rope imp., Yoga Bricks, Kettle bells, Peanut Boll, Situp Bench, etc

Maintenance of clean and caring environment in the hostel complexes and provision of hygienic food at reasonable rates always remain the primary concern of the university authorities. Mess in each hostel is run on cooperative basis. The hostels are furnished with all the basic amenities such as kitchens, dining halls, water coolers with water purifiers, ceiling fans, GEN-SETS for uninterrupted power supply to the hostel, Every hostel has a well furnished Guest Room. Each Girls Hostel is looked after by Lady Security personals. Friendly environment, well-maintained grassy lawns with beautiful flowerbeds, help in making the students' hostel stay quite enjoyable. Medical attention and transportation are also provided to the residents.

#### **4.1.7 Does the university offer medical facilities for its students and teaching and non-teaching staff living on campus?**

- The University has two Health Care Centers in its premises and related facilities for health and hygiene.
- One Health center is run by the University with OPD facility. It has a part time visiting doctor and other paramedical staff to cater to the primary health care needs of the student community, faculty and staff and their families.
- Free medical treatment is provided to the students in the Center.
- A Primary Health Care Center is run by the State Government in the Campus.

- A Gypsy Van from the University and an ambulance 108 facility of UP Government are available for students 24x7 to take patients to the hospitals.
- Yoga training is provided to the students and regular yoga practice in the morning is conducted for healthy body.
- Acupressure workshop organized for awareness and treatment of health problems among the faculty and students.
- Health camps are organized for health check-ups.
- Blood donation camps are arranged in the campus.
- Facilities for physically challenged are being provided in form of building ramps in all buildings.

#### **4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?**

For harnessing the potential of the youth and promoting students' interest in sports, the University has created excellent infrastructure. The sports stadium has a Cricket Ground, Hockey Ground (Grassy), Basket Ball Courts, Badminton Courts. Council of Sports always keeps sufficient stockpile of sports material and kits to facilitate sports activities. Regular coaching in specialized games and sports by experts lends support and guidance to student sportspersons in enhancing their sports skills. These achievements could be possible only due to splendid sports facilities which the University provides to its students.

##### **b) Promoting students' interest in cultural events/activities**

The University has a majestic fully air-conditioned Auditorium with a seating capacity of 750 and equipped with all modern gadgetry and amenities, these facilities provide an excellent platform to the students for showcasing their talent for cultural and literary events, and many co-curricular activities.

- Inter Departmental Cultural Competition (JHANKAR) organized during the University Foundation Day Celebration consequently in the Year 2012, 2013, 2014 and 2015, events in the category of Song, Dance, Theatre, Literary and Fine Arts are organized.
- University Annual Function (SRIJAN) organized in the Year 2013 and 2014 in the Month of April which comprised of Literary Events, Fine Arts, Dance,

Theatre and Songs. The students from all the Departments participated with great zeal and enthusiasm.

- University facilitated Folk Artists who contributed to the promotion, preservation of Folk (Lok) Art and Culture like Kajari, Biraha, Chaita, Chautal, Jogira, Dhobia, Khayal and Aallha etc. on 10<sup>th</sup>&11<sup>th</sup> April, 3<sup>rd</sup> May, 15<sup>th</sup> August and 4<sup>th</sup> Sep 2013 as silver jubilee celebrations of the University Foundation.
- Vivekanand Jayanti, Subhash Jayanti, Science Day, Women's Day, Environment Day, International Yoga Day, Sports Day, Engineers Day, Hindi Divas, Teachers Day, Pharmacist Day, Pharmacy Week, HIV/AIDS, Youth Parliament, Constitution Day, Human Rights Day, Gandhi Jayanti, etc. are celebrated to promote student activities.

## **4.2 LIBRARY AS A LEARNING RESOURCE**

### **4.2.1 Does the library have an Advisory Committee? What significant initiatives have been taken by the committee to render the library student/user friendly?**

University has a Library Committee that meets regularly and conducts meeting to update library facilities for better teaching and learning experience for the students.

The Committee constitutes of:

- |                                 |             |
|---------------------------------|-------------|
| 1. Vice Chancellor              | Chairperson |
| 2. All Dean Faculties           | Members     |
| 3. Two Senior Principals        | Members     |
| 4. One Head of Department (UTD) | Member      |
| 5. Two AC Members               | Members     |
| 6. Librarian                    | Secretary   |
| 7. Registrar                    | Member      |
| 8. Finance Officer              | Member      |

Library Sub Committees to focus of specific requirements are the following:

1. Research Committee
2. Text Book Committee
3. Reference Book Committee
4. Journals Committee

Initiatives

1. Sanction all expenditures



2. Enforcement of the library rules
3. Take the decision for all kind of library works
4. Book bank
5. e resources
6. Journals and back volumes
7. Book exhibition
8. Shodhganga
9. Experts are in panel , their opinion is availed for special activities
10. Maintaining repository
11. Requisition of purchase of books and other resources

#### 4.2.2 Provide details of the following:

- a) Total area of the library (Sq. Mts.):1600 Sq. Mts.
- b) Total seating capacity: 116
- c) Working hours:
 

On working days:	09 am-06 pm
On holidays:	10 am-02 pm (Only for reading)
Before examination:	09 am-06 pm
During examination:	08 am-08 pm
During vacation:	10 am-05 pm
- d) Layout of the library:
  1. Reading carrels: proposed
  2. Lounge area for browsing and relaxed reading: yes (1 for SC. & Tech and 1 for Soc. Sc. & Humanities section)
  12. It zone for accessing e-resources: Yes (eLibrary with 20 computers)
- e).
  1. Display of floor plan: yes
  2. Adequate sign board: yes
  3. Fire Alarm: Proposed
  4. Mode of access (Collection): Close access for students and open access for faculty members and Research scholars

#### 4.2.3 Give details of the library holdings:

- a) Print collections
  1. Books: 1,12,006 (Including Books from Book Bank)
  2. Journals: 318 (Including 72 Foreign and 46 Indian journals)

3. Back Volumes: 557
4. Ph.D. Thesis (Print): 10,211
- b) Average no. of books added
- During the last three years: 19912 (Total added books, including book bank)  
**2013-14: 278; 2014-15:281; 2015-16:7623**  
 Averagen No. of bokks added 6637/year
- c) Non print
- Microfiche: NIL
- Audiovisual: 760 (CD & VCD)
- d) Electronic: 10,000 + (Purchased and Subscribed including INFLIBNET Consortia)
- eBooks: 7743
- eJournals: 1643
- eDtabase: 2
- eTheses: 99997 from Sodhganga including 519 theses uploaded from our university since 2014
- e) Special collection:
- The Constitution of India (gifted by Min. of HRD)
- Reference Books: (Title: 645, Copies: 2462)
- Govt. Publications: 118
- f) Book Bank: 12319  
**2014-15: 3704; 2015-16:8027; 2016-17:588**
- g) Question Bank: Last Eight years

#### 4.2.4 What tools does the library deploy to provide access to the collection?

- a) OPAC: Accessing
- b) eResource Management Package for eJournals: Yes (through J-Gate)
- c) Federated searching tools: In progress (Planning for Fed Gate)
- d) Library website: Library Web Page with University web site
- e) In house / remote access: in progress (planning for easy proxy)

#### 4.2.5 To what extent is ICT deployed in the library? Give details with regard to

- a) Library automation: 70% data feeding work has been done
- b) No. of computer for general Access: 20 computers in e-Library, 2 computers for OPAC/Web OPAC, 2 computers for in house job

- c) No. of printer for general Access: 1
- d) Internet Bandwidth speed: 100 mbps
- e) Institutional repository: Yes (Digital Library work is going on)
- f) Content management system for e learning: Yes, Work is in progress through Fed Gate
- g) Participation in resource sharing networks/ consortia: INFLIBNET Consortia

**4.2.6 Provide details (per month) with regard to**

- a) Average no. of walk-ins: 1500 / month
- b) Average no. of books issue returns: 1800 / month
- c) Ratio of library books to students enrolled: 51 books / student
- d) Average no. of books added during the last four years: 5125 books/year
- e) Average no. of Logging for OPAC: work is in progress
- f) Average no. of Logging for eResources: 300 (approx.) / month
- g) Average no. of eResources downloaded/printed: 120/month
- h) No. of Information Technology Literacy Training organized: No

**4.2.7 Give details of specialized services provided by the library with regard to**

- a) Manuscripts: NIL
- b) Reference: Yes, Service provided
- c) Reprography/ Scanning: Yes, Service provided
- d) Inter Library Loan: No
- e) Information deployment and Notification: Yes, (In university website and Notice board)
- f) OPAC: Accessing
- g) Internet access: Yes
- h) Download: Yes
- i) Printouts: Yes
- j) Reading list/ Bibliography compilation: No
- k) In house / remote access to eResources: planning for eazy proxy
- l) Users orientation: Yes
- m) Assistance in searching database: Yes
- n) INFLIBNET/IUC facilities: Yes

**4.2.8 Provide details of the annual library budget and the amount spent for purchasing new books and journals.**

Heads	2014-15 (Rs. in thousands)	2015-16 (Rs. in thousands)	2015-16 (Rs. in thousands)
Library	8210	43010	37500

**4.2.9 What initiatives has the university taken to make the library a ‘happening place on campus?’**

The Library building named after Swami Vivekanand, key figure in introduction of Indian Philosophies of Vedanta and Yoga to the World is based on modern principles of architecture. Its modular and functional style fulfills the purpose of a planned Library.

- Library has a rich Collection of books, journals, e-resources being used by the Faculty, Research Scholars and students from its affiliated colleges. Workshops are being organized for researchers to promote research writing.
- Time to time, workshops and Orientation programmes are organized to make the Users aware of these resources. Workshops are being organized for researchers to promote research writing
- Library organizes Book Exhibitions/workshops/Hindi Diwas/User’s Awareness programmes and thematic Display of books for the users
- The Library building is equipped with computer and communication network and has full power backup (Gen Set)
- Automation/ Digitalization process of library is in progress to facilitate its users
- It offers a range of news papers and magazines to the students in the reading room
- On the occasion of Vivekanand Jayanti, Library organizes activities for the students
- The notice board in the entrance of the Library regularly updates students on various
- Library is planning to provide Wi-Fi facilities

**4.2.10 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services? :**

Students drop their complain in to Complaint Box and it open in front of the members of Library Committee to analyze the problem and try to improve library services.

**4.2.11 List the efforts made towards the infrastructural development of the library in the last four years:**

- a. Boundary wall
- b. Preparing Research Section/Preparing digital library
- c. Conducting Library training programme for library graduate students under the Board of Apprenticeship Training, Ministry of HRD, since 2008.
- d. Library has EDUSAT System for telecast the Virtual teaching programme.
- e. Signed the MoU with INFLIBNET to upload the university's awarded Ph.D.. Theses in SODHGANGA: ETD Repository, uploaded 519 Ph.D..theses.
- f. Initiating to digitize our 10,000 old Ph.D..theses.
- g. Organizes Book exhibition , Workshop for writing research paper, Orientation for new students in the beginning of the session.
- h. Vivekanand Central Library conducts Management Training Programme for graduates in Library Science, under the training programme by Board of Apprenticeship Training, Northern Region, Govt. of India, Ministry of HRD, Dept. of Secondary and Higher Education, Kanpur since 2008. Till 2015 60 B.Lib.I.Sc. professionals have been trained and most of them are working in Government and Private institutes in the country. The University provides them training, accommodation facilities at nominal cost and stipend. 50 per cent of the stipend is returned by the Board of Apprenticeship Training to the University.

**4.3 IT INFRASTRUCTURE**

**4.3.1 Does the university have a comprehensive IT policy with regard to-**

**IT Service Management      Information Security      Network Security**  
**Risk Management            Software Asset Management**  
**Open Source Resources      Green Computing**

The University fully complies with the provisions of and guidelines provided in the Information Technology Act, 2000 as amended from time to time. Respecting the anti-piracy laws of the country, the University does not permit the use of pirated/unauthorized operating systems, applications software, application development tools, or any other type of software on its servers, desktops and laptops.

Purchase of licensed software along with the hardware, wherever required, is the set policy of the University. Necessary action is taken if any violation comes to the notice of the university authorities.

The university databases are well-guarded against hackers and unauthorized persons. The students, faculties and other employees who wish to use university's network facilities are assigned username and passwords so as to dispel the intrusion by the unauthorized persons. It is thus ensured that only authorized users have access to the university databases through multilayer password system. All the systems, necessary for network and information security are in position.

Several measures have been taken to contain the risk of network and data centre failure. These measures include uninterrupted power supply, parallel servers for data mirroring, maintenance of data at other locations, maintenance of data in tapes, installation of fire extinguishers in the Computer Labs and other strategic locations, air-conditioned environment in server room, and restricted entry to the server room. Attempt is made to ensure that the University's IT resources are used only for academic, research, and official purposes.

Adult/porn websites are blocked, use of Facebook and such other sites are always under the scanner. Even sending unsolicited bulk e-mail messages is considered a violation of the University IT Policy. The University is well conscious of the adverse environmental impact of information technology, and, therefore, encourages the purchase of such IT equipments as are least power-hungry to promote green computing. For instance, purchase of power-up and power-down energy-intensive peripherals such as laser printers is restricted, use of liquid-crystal-display (LCD) monitors rather than cathode-ray-tube (CRT) monitors is encouraged, and use of laptops and notebook computers rather than desktop computers is promoted.

**4.3.2 Give details of the university's computing facilities i.e., hardware and software, number of systems with individual configurations.**

No. of computer systems: 549

Computer-student ratio: 1:3.2

LAN facility: Robust Campus Wide Network wrapped around broadband and OFC technologies.

**Proprietary software:** Digital Lab Software, MS Office-13 (345 users), MS windows 8.01 (345 users)

Number of nodes/ computers with internet facility: 750

#### **4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

The University has been augmenting its IT infrastructure to match its growing academic and administrative needs with the replacement of obsolete and addition of latest hardware and software. There is continuous process of replacement of old computer systems by new ones as per the availability of funds. Many modern computer systems have been procured by UGC funds and provided to the departments.

#### **4.3.4 Give details on access to on-line teaching and learning resources and other knowledge and information database/packages provided to the staff and students for quality teaching, learning and research.**

The students and the faculty are provided access to the following learning resources and other knowledge and information databases for quality learning, teaching, and research in addition e-resources. There are 13 (Faculty building- 02, IBM- 02, Pharmacy- 02, Engineering-02, Central Library- 01, Sangosthi Bhavan-01, Meeting Hall of IBM-01, ECE-01, Vice-Chancellor conference Hall-01) smart classes with e-podium and related accessories recently added to the tune Rs.1, 58, 84, 844/-

#### **4.3.5 How does the university address issues such as authenticity and copyright with regard to online resources that lie outside the university?**

The University enters into agreements with the publishers of e-resources with regard to their fair use, and abides by the instructions enshrined in the agreement document. Necessary guidance relating to copyright issues is provided to faculty, students and staff. The users are advised to make fair use of electronic access to literature hosted outside the University.

#### **4.3.6 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?**

The following new technologies have been deployed during the last 4-5 years to enhance student learning and evaluation-

- i. Establishment of Campus Wide Network in 2010.
- ii. Establishment of Internet Lab in the library, followed by its air-conditioning and strengthening by addition of 25 new PCs.

- iii. Installation of a generator set for uninterrupted power supply to the library to make reading in the library better than at home or in the hostel, and to ensure non-stop working of network.
- iv. Enhancement of Internet bandwidth from 14 Mbps to 100 Mbps in 2010 has made internet surfing more efficient.
- v. PPT based teaching in classroom to make lecture delivery more effective.
- vi. Establishment of Language Lab for improvement of communication skills.
- vii. Provision of internet facilities in the hostels since 2008.

**4.3.7 What are the IT facilities available to individual teachers for effective teaching and quality research?**

Maximum number of teachers have been provided with PCs with internet connection. The necessary softwares such as System software Windows 8.1 and software development tools have been provided for preparation of lecture slides, reports, application softwares (MSoffice 2013, Power world simulator, EMTP, Visual Studio 6.0, Oracle 8i, Visual Prolog) etc. LCD/Digital projectors, projection screens, etc. have been made available in Departments.

**4.3.8 Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?**

Latest teaching tools like interactive Electronic Boards, TV, LCD projectors, computers, etc. are extensively used as classroom teaching aids in almost all the University teaching departments. Establishment of Language Lab in the Department of Computer Application is an important step in providing ICT enabled platform to the students to improve their communication skills. Adoption of ICT-enabled modern teaching methods has helped making teaching more interactive and effective with the faculties finding extra time to attend to queries raised by the students. Most of the departments/institutes have their own well-equipped and well-furnished computer labs with internet connectivity for the benefit of students and faculty.

**4.3.9 How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the university for such initiatives?**

The faculty use computers for a variety of educational and research purposes such as preparation of PowerPoint presentations for classroom teaching, presentation of research papers in conferences/ symposia/ workshops, preparation of self learning



materials, lesson planning, Internet surfing for data and literature collection, typing of research papers, etc.

The University Computer Centre organizes computer and Internet appreciation and training programmes from time to time to equip the faculty and nonteaching staff with the required skills in these areas. The faculties are also provided necessary help in the preparation of Power Point slides, e-learning materials, data analysis, etc., whenever required.

#### **4.3.10 How are the computers and their accessories maintained?**

While purchasing computers, the University asks the suppliers to quote their rates with service warranty for a minimum period of one year, and Annual Maintenance Contract is signed for every next year. This system ensures uninterrupted service warranty for maintenance of the computers for many years. The University enters into AMC for the maintenance of computers and their peripherals beyond the warranty/extended warranty period. Annual rate contract for the purchase of computer accessories is struck with the manufacturers/distributors/other suppliers. The University purchases well-known brands in bulk on DGS &D rates.

#### **4.3.11 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?**

YES, the University has joined National Knowledge Network (NKN through BSNL to promote academic and research activities. 100 Mbps dedicated speed has been provided to the University. Besides, a network of 750 nodes has also been created. This facility is used to avail of the following services-

- i. Internet surfing from all nodes connected to the Campus Network.
- ii. Accessing e-journals subscribed through UGC-Inflibnet project and out of University's own resources.
- iii. Video-conferencing reception facility installed in Vivekananda Central Library.

#### **4.3.12 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?**

The University avails of web resources such as Wikipedia, dictionaries and similar other educational resources, considering these as open resources, the students and faculties are free for accessing the same, but they are personally responsible and accountable for all the actions performed by them using the University's computers, network, mail facilities, web services, and other technological facilities.

**4.3.13 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.**

The University has central contingent budget for the up gradation, deployment and maintenance of computers/peripherals and purchase of accessories. Besides, the departments/offices are also allocated budget for this purpose, and are authorized to purchase the required spare parts/items from the market at approved rates.

**4.3.14 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?**

Emphasizing upon the educational innovations, the University endeavours to encourage faculties and students to actively participate in the emerging open education movement. The University recognizes the ICT-based lifelong and personalized learning needs, the creation and use of open resources as an integral component of education system, and encourages the faculties to join the open learning and teaching environment. The University Calendar, Results, list of holidays, information of statutory bodies such as University Court, Executive Council, Academic Council, and Finance Committee are uploaded on university website, and placed in public domain.

#### **4.4 MAINTENANCE OF CAMPUS FACILITIES**

**4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.**

The University has a full-fledged Maintenance Cell, headed by Registrar and has skilled staff. The Cell is responsible for maintenance of existing buildings, classrooms, laboratories and also for water supply system, and power supply system. Some initiatives to improve the physical ambience are:

- All the buildings in the premises have their own boundary and at the entry of every building is a statue of an eminent person from India.
- All the roads/lanes in the campus have been named after the freedom fighters from the region as a tribute to their memory.
- University has well maintained stadium and roads offering open space for Physical fitness and walks of the inhabitants.

- Musical fountain in the ambience and play grounds is an attraction for students in play time.
- The University is separated from adjoining villages by high boundary wall with fence wire on the top to evade trespassing.
- For disposal of waste and keeping the ambience clean dustbins are being placed in different places.
- Gandhi Vatika and other small gardens in front of buildings and water reservoirs are maintained as environment friendly initiatives.
- Sweepers and gardeners maintain cleanliness and aesthetics of the campus and its buildings.
- Security and safety in the campus is maintained with help of security guards. Female security is also present in the team.

**4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details.**

The University has budgetary provisions for annual maintenance of physical infrastructure and equipments. Adequate budget is allocated for the said purpose through a well laid process.

- An estimation is sought as budget allocation in the beginning of the financial year. Based on the need assessment for proper maintenance of building, equipment, furniture, laboratories and class rooms, budget provisions are optimally made.
- The requirements given by the Departments are considered on priority basis while making allocation.
- The budget is approved by the Finance Committee chaired by the Vice Chancellor, Finance Officer as its secretary, and members include representative from Chief Secretary Higher Education, Chief Secretary Finance, Registrar, and Examination Controller.
- The housekeeping and campus security have been outsourced with a limited contractual obligation.

- For overall maintenance of campus such as photocopier, water cooler, generator facility, electricity maintenance, cleanliness of campus, gardening, building maintenance etc are as:

Year	Budget in Rs.
2014-15	1,65,000,00
2015-16	12,15,000,00
2016-17	21,70,000,00

**4.4.3 Any other information regarding Infrastructure and Learning Resources which the university would like to include.**

- The university has made serious efforts to maintain its academic ambience and strengthen its infrastructure and learning resources.
- Quite a good amount of money has been spent on maintaining and renovating various buildings, laboratories, hostels, and revamping essential facilities like RO water coolers for drinking water in all the buildings, internet facility, e resources, street lights, fencing, gymnasium sports and recreational facilities.

**CRITERION: V**  
**STUDENT SUPPORT AND PROGRESSION**

**5.1 STUDENT MENTORING AND SUPPORT**

**5.1.1 Does the university have a system for student support and mentoring? If yes, what are its structural and functional characteristics?**

The University has a well-designed and structured mechanism for student support and their mentoring from a variety of sources. The student support system comprises of the authorities in the system: The Vice-Chancellor, Dean Student Welfare, and Deans of various Faculties, Head of Departments, and Coordinators of various committees. The support system functions through several units such as Student Welfare Cell, Training and Placement Cell, Women Cell, SC/ST Cell, Remedial Cell, Anti-Ragging Cell and committees for all extra-curricular activities like yoga, sports, NSS.

At a formal level, the University has a cell to take care of students needs, headed by the Dean Students Welfare (DSW), assisted by assistant DSWs, and office assistants etc. They help in facilitating students in their admission, hostel facilities, scholarships and in extra-curricular activities and also support them in other issues like financial, social and psychological issues etc. More specifically, the office of Dean, Students Welfare facilitates the following functions in coordination with the different Departments of the University:

- ✓ Provision of advisement and guidance to admission seekers
- ✓ Enabling and facilitating hostel admission
- ✓ Planning and organizing the cultural and extra-curricular activities on the campus including youth festivals and other events
- ✓ Providing scholarships, fellowships and other financial assistance to campus students
- ✓ Facilitates application process for counseling, advice and guidance to students on career opportunities and further education

The office of the DSW is located in the Faculty Building that houses other such central offices such as Chief Warden Office, IQAC Cell, SC/ST Cell, Women Cell, IGNOU study center, etc.

**Cultural & Literary Competitions:** The campus teams are selected, trained and financed to participate in inter-College and inter-University cultural and literary competitions.

**Educational Tours:** Subsidized educational tours are undertaken by students under different educational programmes for data collection, field surveys, visits to industries, business houses, financial institutions, legislatures, libraries, laboratories, training institutes, museums, archaeological sites and places of historical importance. Most of these tours are integral part of the course structure of the departmental concerned and are arranged under the supervision of concerned faculties.

**Cultural and Youth Programmes:** Cultural activities and youth programmes provide opportunities for the expression and development of latent potentialities of the students by encouraging them to find outlets in joyous and constructive ways. The students participate in inter-college and inter-university cultural and literary competitions, and youth leadership training camps. These programmes are organized and coordinated by the Cultural Coordinator and the Dean Student Welfare.

**Students Scholarships:** The Office of the DSW looks after the scholarship issues under the Uttar Pradesh Government scholarship and fee refund scheme.

**Hostels:**

There is a special arrangement of indoor games (carom, chess, table tennis etc.), reading materials (newspapers and magazines), music system and T.V. for recreation of residents. Outdoor game facilities like badminton, volleyball and basketball have been provided in the sprawling green lawns of the hostel. Internet in each room and gymnasium facilities have been added to all hostels. With a view to ensuring food as per liking of residents, they (residents) are encouraged to run co-operative messes and the Warden ensures all possible facilities in this direction. This is planned with a view to create healthy competition with the mess. Basic and modern facilities like cooking gas, fans, deep-freezers, geysers, water-coolers, etc. have been provided in the hostels. Each Hostel is administered by a Warden (Faculty) and supporting staff. Application for hostel accommodation is to be submitted by the student on the prescribed form available on the website along with other details and fee structure. The said amount has to be deposited in the Oriental Bank of Commerce at the University Campus in a separate bank account.

At the departmental level, every faculty has been entrusted to act as a class-in charge/mentor for a group of students in a class. The purpose is to develop rapport with the group and to discuss both academic and non-academic issues. Students interact with the faculty usually during off hours collectively or individually. Such practice is highly beneficial to slow learners.

The University has set up a Training and Placement Cell to support and facilitate students to find gainful engagements after their university education. An Anti-ragging committee, Prevention of Women Harassment committee, Hostel Mess committee, etc work for students support and mentoring. The University also has a specific Scheduled Caste (SC) and Scheduled Tribes (ST) Cell that promotes the special interests of students and issues in the reserved category. This deals with the queries/grievances of the reserved categories and facilitates the implementation of various other policies and is under the charge of a coordinator (Faculty). The cell is also entrusted with the responsibility of coordinating scholarship schemes for the benefit of the students belonging to SC/ST category. Remedial Cell coordinator looks after improving the learning opportunities of these students. Alumni relations are taken care through the newly formed Alumni Association coordinated by a faculty at the University.

#### **5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?**

Apart from classroom interactions, there are ample opportunities for the students to develop and grow in their academic and other related fields.

**Seminars/Conferences:** The departments/institutes frequently organize national and international level seminars and conferences where the students get opportunity to interact with experts in their respective fields.

**Industry Institute Interface:** Conclaves organized in the campus provide the students to interact with their prospective employers and understand their requirement so that they can accordingly prepare themselves to enter the working life. The University Alumni Association and the Alumni Associations of the respective departments have been meeting from time to time to provide a platform to the students to come in contact with their seniors who are working in different spheres. These interactions help the students prepare themselves as per demand in the job market.

**Remedial Classes:** To encourage and support the SC/ST/ non privileged students, special remedial classes are arranged in different subjects.

**Special Lectures:** The departments also arrange and organize special lectures/workshops with support from Training & Placement Cell for development of students personality.

**Literary events:** Various literary events are organized by DSW like essay, debate and such competitions that give the student an opportunity to express them.

**5.1.3 Does the university have any personal enhancement and development schemes such as career counseling, soft skill development, career-path-identification, and orientation to wellbeing for its students? Give details of such schemes.**

The university has several such schemes wherein the students get opportunities for personal enhancement and growth.

**Training & Placement Cell:** The University Training and Placement Cell provides guidance and counseling facilities to the students. The cell organizes special lectures and workshops relating to soft skills and personality development. It also makes arrangement for preparing the students for job market by making them learn employability skills. Some of these events are:

- IndusInd Bank organized Campus Placement on 15<sup>th</sup> November 2014.
- Sohan Lal Commodity Pvt Ltd organized Campus Placement for Management students on 13<sup>th</sup> Feb and selected 18 students.
- Secure PC Solutions Online Pvt Ltd organized campus placement for management students' on 7<sup>th</sup> Feb 2015 and for B.tech students on 24<sup>th</sup> Feb 2015. 09 B. tech students and 7 MBA students were selected.
- Thyrocare Pvt Ltd organised campus placement on 31<sup>st</sup> Jan & 1<sup>st</sup> Feb 2015 for management students. 3 MBA Students were selected.
- Coromandel International Ltd organised campus placement on 18<sup>th</sup> May 2015 for management students.

**Computer Center:** Computer Center and labs give the students an opportunity to learn and practice computer skills, an essential for employability.

**Communication Skill Development:** In many courses, the curriculum includes the paper on the development of communication skills of the students.

**Workshops/Seminars/Presentations:** It provides student an in-depth knowledge of the area and gives opportunity to actively participate in the interaction.

**Field Trips/Educational Tours/Research based Projects/Outreach activities:** They are an essential way to give an exposure to the students in professional courses. Industrial visits are mainly managed and coordinated by students by which they have an experiential learning of various skills.



**Industry Institute Interface Cell:** It was formed in 2014 and has organized two conclaves with eminent people from industry. It helps to built a linkage with Industry and develop students career path.

**Alumni Association:** An alumni association was a recent initiative to bring together the old students together and pave way for career opportunities for the present students through sharing of experience and the knowledge of vacancies in different organizations.

**Extracurricular Activities:** Sports, Cultural and Literary events throughout the year give students an opportunity to present, compete and develop their personality.

**Yoga Camps, health and hygiene initiatives:** Workshops on Yoga and acupressure therapy were organized. Blood donation and health camps are conducted for students to spread awareness. Regular yoga practice is conducted in the morning.

**SC/ST Cell:** This cell looks after the special needs of SC/ST students and provides them support.

**Women Cell:** The primary mission of Women Cellell in the University is to provide guidelines for protection from sexual harassment and basic rights to work with dignity and to handle related complaints received or referred to the cell. Various sensitization programs are conducted by it. An internal sexual harassment prevention committee addresses grievances of students related to it. Events organized by Women Cell are:

- Seminar in the context of 'SAKSHAM' UGCC on Issues on "Gender Bias and Sexual Harassment on University/ College Campuses" on 13th May 2014.
- One day workshop on sexual harassment on 13-5-2015.
- One day Sensitization/ awareness program for women teachers and employees of VBS Purvanchal University against gender bias and sexual Harassment on 1-10-2014

**DSW Scholarships:** DSW mainly looks after the welfare need of the students in the campus. Disbursement of scholarships to the students is regulated by it.

**Robotics and such model and poster workshops/competition exhibition:** Science exhibitions, poster making, robotics, model making events are regularly organized in the campus on annual basis.

#### **5.1.4 Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?**

The students are provided with full assistance for obtaining educational loans from banks and various financial agencies for pursuing higher education. The University campus has branches of Punjab National Bank and Oriental Bank of Commerce. These banks offer loaning facility and are liberal in sanctioning such loans to the students. The University provides essential documents required for the said purpose to the students.

**5.1.5 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included /provided to students through these documents? Is there a provision for online access?**

The University publishes its updated prospectus for admission to various academic programmes based on Common Entrance Test. This handbook of information is annually published and the detailed information about each course, seats and eligibility criteria, rules and guidelines of the University, fee structure, scholarships, hostel and other facilities is given in these documents. The information is put on the website of the University for online access to the students and prospective applicants. Its availability on the university website enhances the dissemination of information to the students and other stakeholders. **5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?**

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**Special Lectures:** The departments also arrange and organize special lectures/workshops with support from Training & Placement Cell for development of students' personality.

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broadening their horizon. Industrial visits are mainly managed and coordinated by students under the supervision of a faculty by which they have an experiential learning of various skills.

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**Women Cell:** The primary mission of Women Cell in the University is to provide guidelines for protection from sexual harassment and basic rights to women so that they can work with dignity and equality; complaints received in this direction are referred to the cell to deals as per the existing law. Various sensitization programs are conducted by the cell for general awareness. An internal sexual harassment prevention committee addresses grievances of students related to it. Events organized by Women Cell are:

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The students are provided with full assistance for obtaining educational loans from banks and various financial agencies for pursuing higher education. The University campus has branches of Punjab National Bank and Oriental Bank of Commerce. These banks offer loaning facility and are liberal in sanctioning such loans to the students. The University provides essential documents required for the said purpose to the students.

**5.1.5 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included /provided to students through these documents? Is there a provision for online access?**

The University publishes its updated prospectus for admission to various academic programmes based on Common Entrance Test. This handbook of information is annually published and the detailed information about each course, seats and eligibility criteria, rules and guidelines of the University, fee structure, scholarships, hostel and other facilities is given in these documents. The information is put on the website of the University for on-line access to the students and prospective applicants. Its availability on the university website enhances the dissemination of information to the students and other stakeholders.

**5.1.6 Specify the type and number of university scholarships/ free ships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/ M. Phil/Ph.D./Diploma/others (please specify).**

The details of Scholarship to UG and PG students shall be available to peer team at the time of visit.

**Session: 2015-16**

Category	No. of Students	Scholarship amount Rs.	Fee reimbursement Rs.
Gen	312	2620400	14857000
SC	164	1514240	8880000
ST	0	0	0
OBC	587	49866650	2835000
Minority	68	493390	3280000
Total	1131	9614680	55367000

**Session: 2014-15**

Category	No. of Students	Scholarship amount Rs.	Fee reimbursement Rs.
Gen	38	267550	1635000
SC	211	2053350	10742000
ST	0	0	0
OBC	326	2866190	15581050
Minority	76	563940	3720000
Total	651	5751230	31678050

**Session: 2013-14**

Category	No. of Students	Scholarship amount Rs.	Fee reimbursement Rs.
Gen	495	-	20695000
SC	297	-	1900000
ST	4	-	200000
OBC	717	-	36041000
Minority	80	-	36300000
Total	1593	-	72466000

University provides financial aid and scholarships to students under different schemes notified by the state government from time to time.. These include national merit scholarships, state/central government merit scholarships. The students of scheduled castes and backward classes as per state government policy get fee refund. General category and minority students also get scholarships and fee refund under economically backward groups. Initiatives are taken to give research scholarship of Rs.5000/- per month to two top level Ph.D. students from each department.

**5.1.7 What percentages of students receive financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?**

The details of scholarship to UG and PG students shall be available to peer team at the time of visit.

**Ph. D. Students:**

- (i) Senior Research Fellowship of ICMR: Four Ph. D. students  
(UpendraYadav, Sushil Kumar Yadav, Rahul Mishra, Vishnu PrakashTripathy)
- (ii) Senior Research Fellowship of CSIR: Two Ph.D. students  
(MukeshPratapYadav, SrideviPadmanathan)

**M. Sc. Biotechnology Students:**

Indian Academy of Sciences, Summer Research Fellowship : Six students  
Divya Mishra, Jyotsna Sharma, DebarghyaGhosh, Ekta Singh, Rachna, Praveen Kumar

**PG and UG students of all departments:**

The students of scheduled castes and backward classes as per State Government policy get fee refund. General category and minority students also get scholarships and fee refund under economically weaker groups (BPL).

**5.1.8 Does the university have an International Student Cell to attract foreign students and cater to their needs?**

N.A

**5.1.9 Does the university provide assistance to students for obtaining educational loans from banks and other financial institutions?**

Given in 5.1.4

**5.1.10 What types of support services are available for**

- **overseas students**

Not Applicable

- **Physically challenged / differently-abled students**

- Seats are reserved for this group of students in admission.
- Initiatives are taken to provide scribes and extra time to complete the exam to visually challenged students and special needs of physically challenged are addressed too.
- Exclusive reading materials and other support systems are being procured in library to facilitate their learning.
- Ramp facility is being provided in the Administrative Block, Hostels, Library, and Faculty Buildings.

- **SC/ST, OBC and economically weaker sections**

- SC/ST Cell is Coordinated by a Faculty
- 15% for SC and 7.5% for ST seats are reserved
- Meticulous efforts are made by the University DSW for easy flow of scholarships offered by the state and central Governments for the welfare of SC / ST, OBC and economically weaker students.

- Remedial coaching and special coaching classes are offered to SC / ST and OBC students to enhance their academic performance.
- Women Cell takes care of issues related to girl students and attempts are made by the cell to provide a safe, secured and dignified environment for their learning and encouragement for their holistic development.
- **Students participating in various competitions/conferences in India and abroad**
  - Sports : The students from the University participate in various sport events such as athletics, archery, cricket, volley ball, basket ball, hockey, kho kho, wrestling etc. at intercollegiate, zonal (eastern region) and all India level conducted in various parts of the country by AIU.
  - Academic guidance and financial assistance are given to students to participate in various inter-university, state level and national level competitions / conferences. Information on such events is displayed on the departmental notice boards and university web-site.
  - Faculty coordinators accompany the students who participate in various inter-university, state level and national level competitions / conferences.
  - Students from various departments participated in Youth Parliament organized in the University.
  - Students participated in Indian Pharmaceutical Congress, BHU Spandan
  - NSS/ Rovers & Rangers: The students regularly participate actively in camps organized at district, college, University and state level.
- **Health Centre, Health insurance etc.**
  - University has two health centre in its campus where free OPD facilities are provided to the students and residents on the campus. One health center with a doctor and other staff is managed by the University and the other one is the primary health center of the State Government.
  - For critical cases, doctors of health centre refer patients to specialist doctors / hospitals.
  - University provides ambulance facility for such purposes.
- **Skill development (spoken English, computer literacy, etc.)**
  - Efforts are made through personality development workshops in the departments to enhance the oral communication skills for professional and social interactions



- Basic computer knowledge is compulsory part of course curriculum and practice sessions are arranged in computer centre.
- **Performance enhancement for slow learners**  
Special classes/ tutorials and remedial classes are organized for slow learners and respective faculties provide counseling and guidance to such students.
- **Exposure of students to other institutions of higher learning/ corporate/business houses, etc.**
  - Students are encouraged to take part in extension activities and co- curricular activities, so that they get acquainted with social, economic and corporate functioning.
  - Students are exposed to other institutions of higher learning through projects, and summer training, field visits to industries/industrial tours, research institutes on educational tours.
  - A 4-6 months project work is an essential component of M.Sc courses. The students are sent to different laboratories in Universities and institutes. (please see the science subjects sections for details)
- **Publication of student magazines**  
Students are encouraged to prepare creative wall magazines for display in the department board. Publication of 'Puarvanchal' magazine is in process.

**5.1.11 Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defence Services, NET/SET and any other competitive examinations? If yes, what is the outcome?**

The University has taken initiatives to provide guidance to students for civil services, defense services, NET/SET and any other competitive examinations through coaching classes and in this regard a proposal has been submitted to Rashtriya Uchatar Shiksha Abhiyan (RUSA). Remedial classes are also being organized for guidance.

**5.1.12 Mention the policies of the university for enhancing student participation in sports and extracurricular activities through strategies / schemes such as**

- **additional academic support and academic flexibility in examinations**
  - Seats are reserved for sports persons in admission to a teaching department.
  - Some relaxation in attendance are given to sports persons
  - Special permission is given to sports persons for the internal/final exams if they are held at the time of tournaments and competitions

- The university gives total financial assistance to the students to participate at university and national level.
- **special dietary requirements, sports uniform and materials**
  - Students participating in sports and cultural activities are provided with guidance, uniform, sports-kits, free diet during the matches, camps & tours and travelling expenses if applicable along with proper uniform.
  - For enhancement of student participation in sports and cultural activities, free coaching camps are organized by the University.

**5.1.13 Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?**

The University has established a centralized Training and Placement Cell to facilitate the students in this regard. It conducts various activities for the students. The Cell works towards enriching the knowledge of the students by organizing Seminars/Workshops/ Classes with the help of experts invited from the Industry/Senior or retired Professors. All departments have their Training and Placement Coordinators to look after the departmental needs of training and counseling for the students. Initiatives are taken to publish placement bulletin by them.

**5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).**

**Placement Activity: 2014-15**

1. IndusInd Bank organized campus placement on 15<sup>th</sup> November 2014.
2. Sohan Lal Commodity Pvt Ltd organized Campus Placement for management students on 13<sup>th</sup> Feb and selected 18 students.
3. Secure PC solutions Online Pvt Ltd organized Campus Placement for Management students' on 7<sup>th</sup> Feb 2015 and for B. Tech students on 24<sup>th</sup> Feb 2015. A total of 09 B. Tech students and 07 MBA students were selected.
4. Thyrocare Pvt Ltd organized Campus Placement on 31<sup>st</sup> Jan & 1<sup>st</sup> Feb 2015 for Management students. 3 MBA Students were selected.
5. Coromandel International Ltd organized Campus Placement on 18<sup>th</sup> May 2015 for Management students.

**5.1.15 Does the university have a registered Alumni Association? If yes, what are its**

### **activities and contributions to the development of the university?**

In the Alumni Meet-2015 organized on September 26, 2015, the faculty representatives from various departments and their alumni formed an Alumni Association. It has initiated steps towards contributing to the development of the University.

#### **5.1.16 Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?**

The University has various Grievances Redressal Cells looking into varied students' complaints regarding examinations, fees, hostel, and other related issues. Women cell (Internal sexual harassment prevention committee), proctorial board, anti-ragging cell, SC/ST cell, admission cell, examination cell, etc deal with the related issues and where necessary an enquiry is set up for redressal.

Most of the grievances are redressed at departmental level and a few remaining problems are redressed at University level through these committees. The University has in place an email [vcpurvanchaluniversity@rediffmail.com](mailto:vcpurvanchaluniversity@rediffmail.com), the students can directly post their grievances to this email to the Vice Chancellor. The details of the nature of grievances reported are: related to mark sheets/degree certificates, result-related inquiry, re-evaluation, fee-related inquiry, corrections in examination form after online fill up, scholarship form fill up inquiry, etc. These are referred to the concerned department/section for the redressal of grievances. The grievances are checked on day to day basis and disposed as soon as possible thereby speeding up the grievance-redressal process. The office of the controller of examination monitors the status of the such grievances on a daily, weekly or monthly-basis through the web-based modules.

As per UGC guideline 2015 to address the grievances of the students related to examination and admission, the University has created an '**on line student grievances redressal portal**' on University web site in which after feeding basic personal information students can directly post their grievances. Grievances are attended by a Nodal Officer promptly. Most of the grievances are sorted out by telephones or referred to the concerned competent authority of the University depending on type of the problem. Proper documentation of the on line grievances are maintained.

Regarding hostel grievances, the University has empowered the hostel warden and Chief Warden to redress the issues.

**5.1.17 Does the University promote a gender –sensitive environment by (i) conducting gender related programmes (ii) establishing a cell and mechanism to deal with issues related to sexual harassment? Give details.**

Gender equality is given high priority in the VBS Purvanchal University and university lays special emphasis on the promotion of gender sensitive environment on the campus. University has zero tolerance policy towards sexual harassment. The focus of the University is on ensuring girls' full and equal access with dignity to achieve higher education of good quality. University constituted a women cell in 2013 that was reconstituted in 2015 (Order No.25556, dated 6-11--2015) for promotion of gender - sensitive environment on the campus. Its aims are: (i) to develop non-threatening and zero gender bias environment of learning, (ii) to disseminate the information regarding women legal, financial rights through distribution and circulation of printed materials, (iii) to organize awareness workshops about gender bias and sexual harassment for faculty, non-teaching staff and students, and (iv) to provide confidential counseling service to victim of gender bias/sexual harassment.

Different competitive activities for students are organized like essay writing, debate, collage, rangoli, and painting competitions based on burning gender based issues such as dowry, dowry death, girl infanticide, feticide and sexual harassment to sensitize staff and students. .In addition, women cell also encourages the girl students to participate in cultural and sport activities organized in the university throughout the year. Participation in cultural and sports events creates a positive vibe among the students.

**Events organized by Women Cell:**

Women Cell constantly works towards establishing safe and secure atmosphere in the University for girls and regularly organized gender sensitization workshops / seminar / awareness programs in the past academic years where the faculty, staff and students are invited to participate.

**Events organized in session 2013-2014**

- (i) Workshop on "Gender sensitization", held on May 13, 2014
- (ii) National Seminar on “Issues on Gender Bias and Sexual Harassment on University/ College Campuses” held on May 13, 2014.

**Events organized in session 2014-2015:**

- (i) "Sensitization /Awareness Program for Women Teachers and Employees of VBS Purvanchal University against Gender Bias and Sexual Harassment”, held on October 1,2014.

### **Events organized in session 2015-2016:**

(i) National seminar on "Prevention and Prohibition of Gender Bias and Sexual Harassment in Educational Institutions " held on March 10, 2016.

As per the recommendations of UGC-SAKSHAM 2013 report, to provide comfortable and secure environment to women students, faculty and staff University introduced several provisions like:

- (i) Installation of closed circuit TV cameras in hostels and entrance of each building
- (ii) Provision of separate bus facility for girls students and women employees
- (iii) Appointment of women security guards in the hostels, (in process),
- (iv) Gymnasium in girl's hostel,
- (v) Indoor and outdoor sports facilities in hostels,
- (vi) Establishment of day care centre,
- (vii) Anti ragging committee for girls students, which is very vigilant and active throughout the year, and
- (viii) Provision of residence/transit hostel for women employees.

These provisions ensure the safety of women on the campus.

### **The Internal Complaints Committee (ICC):**

The University constituted sexual Harassment prevention committee in 2013, which was replaced by the Internal Complaints Committee (ICC) in 2015. ICC has been formed under the aegis of the "Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013" in 2015 by order no.253313, dated 20-2-2015.

The primary mission of this cell of is to provide guidelines for protection from sexual harassment and basic rights to work with dignity and to handle related complaints received or referred to the cell. Display Boards regarding "Zero tolerance towards sexual harassment" and guidelines on making the university campus gender friendly are exhibited at prominent locations on the university campus. Grievances regarding gender discrimination on the campus including sexual harassment, if any, are sternly and appropriately dealt by the committee. A special e-mail account [womencellvbspu@gmail.com](mailto:womencellvbspu@gmail.com) was created for complaining to this cell. In case of any untoward incident occurs, the distressed can freely approach the authorities for immediate rescue and an appropriate action.

### **Establishment of Women's Cell shall be constituted as under:**

- A Chairperson to be nominated by the Vice-Chancellor from amongst senior women employees not below the rank of a Reader or Deputy Registrar.
- Dean, Students' Welfare as Ex-Officio member.
- Five women belonging to the employees' community — two representing the nonteaching community and three representing the teaching community to be nominated by the Vice-Chancellor.
- Five woman students nominated by the Vice-Chancellor from each faculty of the University.
- Any other member(s) to be co-opted by the Cell as and when necessary with the approval of the Vice-Chancellor.

**5.1.18 Is there an anti-ragging committee? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?**

The University has an anti-ragging committee to prevent ragging on the campus in all the departments and hostels. It is composed for Deans of Faculty, Heads of Department, and Wardens of hostel, proctorial members, and student members (both boys and girls). The committee has works to give students ragging free through zero tolerance approach to it. No cases of ragging have been reported during last two years.

- Frequent rounds of by anti-ragging members are taken around the campus and hostel after admission of first year students in the campus till three months every year and are alert rest of the year.
- Security is provided with help of male and female guards in the campus and in the hostels. Security guard is there on night duty in each hostel.
- A mandatory undertaking from all students (both old and new) as well as from their parents/guardians is obtained at the time of their admission to the hostels.
- An anti-ragging literature/material is displayed at the university.

**5.1.19 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?**

The esteemed bodies of the University; the Executive council, and Academic Council are the highest decision making bodies. Its members are drawn from the University, other institutions and community to represent all stakeholders during the decision making process. Interactions through training, field trips, workshops, experts from industry and research labs establish cooperation and ensure holistic development of

students. Various other bodies at department and University level contribute in the process; they are:

- **Parents:** The parents of the students are called to apprise them in regard to the activities of students whenever there is the need. At the Convocation of the University, the parents of students are allowed to participate. Many times to solve the problem of hostel residence, the cooperation of parents is taken. Initiatives have been taken by the departments to hold meeting with parents and they are intimated in case of irregular attendance of the students in the class.
- **Students:** The students are involved in many types of academic, cultural and technical competitions. The department faculties discuss with the students issues pertaining to various activities of the department and the students are actively involved in the process such as organizing field trips, presentations, conferences, etc.
- **Faculties:** The faculties are members of many committees and bodies of the University. Through the committees and bodies of the University the cooperation of University faculties is taken to ensure the overall development of students.
- **Companies:** As stakeholders the companies are being kept in touch through Training and Placement cell and Industry Institute Interface.
- **Community:** The University has awarded many local people from art and related field for their distinguished contribution. The University also ensures the presence of guests from the community during functions in the campus. The NSS/NCC/Rovers & Rangers and extension activities develop connect between the community and its stake holders.
- **Employees:** The employees are also involved in decision making processes with regard to students. They facilitate the process of teaching and learning in the University.
- **Alumni Association:** This association involves the alumni of the University with the development of University campus and involves cooperation of alumni is taken for the development of students.
- **Social Media:** VBS Purvanchal University has official blog PURAB BANI and page on FACEBOOK. The main purpose of this blog is to promote and popularize the creative activities of the University especially catering to the regional

requirements. It also enhances the access of our activities to the entire world through:

PURABBANI; University Blog: <http://vbspurvanchaluniversity.blogspot.in/> (Since-25 May 2011); Page views all time history-86,210; Page views by Countries-most popular countries among blog viewers India 61456,United States 5515,Russia 1557,Georgia 953,Germany 809,Ukraine 732,Spain 575,Indonesia 346,France 345,Latvia 237

Facebook Page; <https://www.facebook.com/VbsPurvanchalUniversityJaunpurUpIndia> (Since-01-06-2013);Total page Likes-2639.

**5.1.20 How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.**

The efforts have been made by the University to ensure the participation of women in sports activities. Distinguished women are invited to deliver inspiring lectures. Women are encouraged to participate in all sports and cultural activities. They are given special attention and consideration, with the motivational support of women faculty members. The women sports are organized in the University sports ground every year and women are also encouraged to participate at inter university level and state level sports competitions. Many laurels have been brought to the University by women sports player the University has women teams in various sports and they go to play tournaments organized at various levels and in different places. They are well supported by the coaches and University sports body. The felicitation programme for medal winners at national level for the session 2015-16 was organized at the Hon'ble Chancellor's office in RAJBHAVAN, Lucknow, September 15, 2016. Hon'ble Governor Sri Ram Naik Jee felicitated the winners of above events. The ceremony was unique in the sense that Hon'ble Governor gave the Awards to the University third times in a row.

- ✓ Conduct of various tournaments such as Inter-Hostel, Inter-Department, Inter-College, Inter-University, Open Championships
- ✓ Special counseling for women players
- ✓ Special accommodation for the girl players
- ✓ Separate women Gym
- ✓ Sports kit and track suits
- ✓ Weight age for admission to courses

Please refer to section 2.1.5 for list of sports events.



The University organizes various cultural events where women/girl students participate and win prizes. Various activities with higher women participation are also organized to boost their participation like rangoli, mehendi, dance and singing:

- Inter- departmental cultural competition (Jhankar) was organized during the University Foundation Day celebration consequently in the Year 2012, 2013, 2014 and 2015. Events such as song, dance, theatre, literary and fine arts.
- University annual function was organized in the Year 2013 and 2014 in the Month of April which comprised of literary events, fine arts, dance, theatre and songs. The students from all the Department participated with great zeal and enthusiasm.
- A Speech competition was organized on the occasion of Human Rights Day on 10<sup>th</sup> Dec 2014. Chief Guest Mr. Babloo Kumar (SP, Jaunpur), Dr Ishtiyak Ahmad (Dean, Faculty of Law, VBSPU, Jaunpur), Dr. P .C .Vishwakarma (Ex Dean, Faculty of Law, VBSPU, Jaunpur) distributed the prize to the winner of the competition.

## 5.2 STUDENT PROGRESSION

### 5.2.1 What is the student strength of the university for the current academic year?

Analyse the Programme-wise data and provide therends for the last four years.

#### Student's Admitted in last four years (Department Wise)

Department	Session							
	2013-2014		2014-2015		2015-2016		2016-2017	
	M	F	M	F	M	F	M	F
Biotechnology	10	7	12	5	10	9	12	8
Microbiology	5	15	11	9	9	11	9	11
Biochemistry	14	3	10	7	8	8	10	10
Environment Science	8	12	9	11	16	3	3	16
MMC	24	3	20	1	9	3	11	4
MAP	10	7	3	7	2	3	1	1
MBA	29	10	40	6	31	14	51	9
Agri Business	13	0	21	0	16	1	15	0
E-Commerce	10	1	3	0	2	0	3	1
HRD	12	12	15	14	10	14	13	11
MHRD	4	1	2	1	0	0	0	0
Business Economics	26	2	27	1	10	4	10	1
Finance & Control	13	4	28	4	15	8	30	10
B.Pharm	32	14	33	18	33	20	44	16
EE	45	6	54	6	31	4	16	2
EIE	25	8	25	3	16	1	1	0
CS	39	6	43	11	36	8	36	13
IT	16	15	13	5	21	3	9	12
MCA	26	4	32	1	34	6	9	1
ME	56	4	52	8	56	1	51	2
EC	49	6	54	6	41	4	16	2

It is pertinent to mention that majority of the students seeking admission in the university belong to the middle, lower middle, and lower-strata of society as defined in terms of socio-economic parameters. Thus, a large majority of them belong to rural areas.

**Student's Progression in last four years (Department Wise)**

Department	UG to PG	PG TO M.Phil	PG TO Ph.D..	Ph.D. to Post -Doc.	Employed by Campus Selection	Employed by Other than Campus Selection	Others (entrepreneur)
Biotechnology	-	-	30	20	-	60	1
Microbiology	-	-	25	5	-	45	-
Env. Sc.	-	20	45	-	-	60	3-5
Biochemistry	-	-	50	20	-	30	-
Business Administration	-	-	-	-	-	-	12
HRD	-	-	1.6	-	-	75	1
Business Economics	-	-	-	-	10	75	10
Financial Studies	-	-	-	-	20	60	10
Mass Communication	-	1	-	-	28		-
Applied Psychology	-	12	7	1	25		-
Pharmacy	-	-	-	-	-	100	-
Computer Application	-	10	2	-	-	65	-
Electrical Engg	-	-	-	-	-	-	-
Mechanical Engg	-	-	-	-	-	-	-
Computer Sc. Engg	20	-	-	-	-	25	-
Electronic Comm	-	-	-	-	-	-	-
Electronic Instrument	-	-	-	-	-	-	-
Information Technology	20	-	-	-	-	25	-

**5.2.2 What is the programme-wise completion rate during the time span stipulated by the university? The programme wise completion rate during the stipulated time span of various courses offered in the university is given in the table below-**

Department	2011 M/F	2012 M/F	2013 M/F	2014 M/F
Biotechnology	100/100	100/100	77/100	--
Microbiology	100/100	100/100	100/100	100/100
Environmental Science	100/100	100/100	100/100	100/100
Biochemistry	100/100	100/100	100/100	100/100
Business Administration	--	--	--	--
HRD	100/100	100/100	100/100	100/100
Business Economics	--	--	--	--
Financial Studies	100/100	100/100	100/100	100/100
Mass Communication	--	--	--	--
Applied Psychology	100/80	75/75	80/80	--
Pharmacy	75/77	91/50	--	--
Computer Application	93/100	81/100	--	--
Electrical Engineering	--	--	--	--
Mechanical Engineering	100/100	100/100	100/100	100/100

<b>Computer Science Engineering</b>	100/100	--	--	--
<b>Electronic &amp; Communication</b>	--	--	--	100/100
<b>Electronic &amp; Instrumentation</b>	--	--	--	--
<b>Information Technology</b>	--	--	--	--

**5.2.3 What is the number and percentage of students who appeared/qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE/CAT/GRE/TOFEL/ GMAT/Central/State services, Defense, Civil Services, etc.?**

Students are provided intensive training and counselling to face the challenges in life and job market expectations/requirements.

**Student's Progression(NET,GATE etc.) in last four years (Department Wise)**

<b>Department</b>	<b>UGC-CSIR-NET</b>	<b>UGC-NET</b>	<b>SLET</b>	<b>GATE</b>	<b>GMAT</b>	<b>TOFFEL</b>
<b>Biotechnology</b>	5	-	-	1	-	-
<b>Microbiology</b>	JRF-5, LS-4, ICAR-3	-	-	7	-	-
<b>Environmental Science</b>	10	-	20	8	-	-
<b>Biochemistry</b>	5	-	-	7	-	-
<b>Business Administration</b>	3	-	-	-	-	-
<b>HRD</b>	-	1	-	-	-	-
<b>Business Economics</b>	-	-	-	-	-	-
<b>Financial Studies</b>	-	-	-	-	-	-
<b>Mass Communication</b>	-	-	-	-	-	-
<b>Applied Psychology</b>	-	7	-	-	-	-
<b>Pharmacy</b>	-	-	-	GPAT-17	-	-
<b>Computer Application</b>	-	-	-	-	-	-
<b>Electrical Engineering</b>	-	-	-	-	-	-
<b>Mechanical Engineering</b>	-	-	-	11	-	-
<b>Computer Science</b>	-	-	-	3	-	-
<b>Electronic Communication</b>	-	-	-	-	-	-
<b>Electronic Instrument</b>	-	-	-	-	-	-
<b>Information Technology</b>	-	-	-	5	-	-

**5.2.4 Provide category-wise details regarding the number of Ph.D./D.Litt./D.Sc. theses submitted/ accepted/ resubmitted/rejected in the last four years.**

The details will be provided to peer team during site visit

## **5.3 STUDENT PARTICIPATION AND ACTIVITIES**

### **5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.**

The university can legitimately boast of having produced sportspersons of substance who have brought laurels by their achievements in national and international sports events. Please refer to section 2.1.5 for details.

Cultural events are regularly organized and students actively participate in these programmes. Please refer to section 4.1.8 for details.

Extracurricular activities like science day and science exhibitions, women day, robotics and model exhibitions are regularly organized for creative outlet of students.

The programme calendar and details of student participation will be presented to the peer team during visit.

### **5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.**

The university has good infrastructure for the purpose. It provides lot of encouragement, opportunities, and incentives to the students with potential for excellence in different co-curricular/extracurricular activities. These activities are organized and arranged by the office of the Dean Students Welfare and the cultural council.

Silver Jubilee Celebrations were organized in 2012 where huge no. of students of the campus and affiliated colleges participated in events/items related to dance, music, theatre, literary, and fine arts. The position holders then participate in the All India Inter-University North Zone and at National level.

A number of literary and cultural events are also organized on regular basis to commemorate and celebrate important events like, Independence day, Republic day, UN day, Teachers' day, etc. For the students of technical institutions affiliated to the university and the campus students, the university organizes 'Techno -Fest' each year. Various other functions like 'Jhankar' and Annual University function are held every year.

The list of sports and cultural events are given in section 2.1.5 and 4.1.8, respectively.

### **5.3.3 Does the university conduct special drives / campaigns for its faculty and students to promote heritage consciousness?**

The university gives special attention to promote heritage consciousness and preservation.

- The University has awarded many folk artists of Purvanchal region for their contributions in the field. University facilitated Folk Artists who contributed to the promotion, preservation of Lok art and culture (Kajari, Biraha, Chaita, Chautal, Jogira, Dhobia, Khayal and Aallha etc) on 10-11 April; 3<sup>rd</sup> May; 15<sup>th</sup> August and 4<sup>th</sup> Sep 2013 in the silver jubilee year celebrations of the University Foundation.
- In front of every building statues of eminent persons are placed and a brief write up on them is portrayed. The concerned faculty where the statue is placed celebrates the birth anniversary of the personality.
- Library takes initiative to display literature on the heritage sites of the region in form of books and scripts.
- The streets in the campus are named after the freedom fighters of the region.
- All the publications from the University ensures to present pictures of the monuments and a brief write-up on Jaunpur as heritage.
- Visits on the heritage sites are arranged for students.
- Documentary on the heritage of Jaunpur is made by the students of the Department of Mass Communication.
- The Hostels and Lanes in the University campus are named after the freedom fighters from the region. Their names are written on the pointers in the lane namely Pir Ali Khan-Mustaba Husain Marg, Ramnand-Ragurai Marg, Rani Gaidenillu Marg, Matabadl-Baldutt Chauhan Marg, Matadin-Ballu Ram Bankey Marg, Pahalvan-KD jadhav Marg, Uda Devi-Makka Pasi Marg etc.
- Bust of legendary personalty of their field of recognition has been established namely: Eklaya, Neta Ji Subhash Chandra Bose, St. Mother Teresa, Dr. Srva Palli radha Krishnan, Swami Viveka Nand, Charya jagdish Chandra Basu, Late Veer Bahdur Singh, Chanakya, Acharya Prafull Chandra Rai, Amar Shahid Uma Nath Singh, and Mahatma Gandhi. At main gate of University near open air theatre the famous speech given by Swami Viveka Nand is written to remind us and students the pride and honor of the Nation.

**5.3.4 How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the**

**major publications/ materials brought out by the students during the last four academic sessions.**

Every year literary contests/ workshops/ conferences/ placement events are held which are widely covered by the students of Department of Mass Communication. These students are actively involved in photography, video recording, taking interview, news and article writing of the activities.

Students also actively participate in preparing wall magazines in the department on contemporary issues.

**5.3.5 Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.**

At present not constituted. However, the university has evolved several mechanisms for the involvement and participation of the students in the planning and execution of different student related activities. The office of the Dean Students Welfare plays a pivotal role and students can raise issues of their interest and concern through this office. The Heads of the departments and various committees formed address and redress different issues with the students. Above all, the Vice-Chancellor is easily accessible and remains in constant touch with the students. The students are welcome to raise their issues and discuss the same with the administration.

**5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.**

The following committees have student representatives:

- Mess committee is constituted in every hostel and this committee administers the affairs of the mess.
- Hostel committee is constituted in every girl's hostel to look into the issues relating to the hostel.
- Committees for various functions/activities, such as Wall magazine, field trip, presentations, seminars, etc include students.
- Prevention of Women Harassment Cell is constituted to look into the issues relating to harassment of women.
- Anti-ragging committee

***Any other information regarding Student Support and Progression which the university would like to include.***

- ✓ Online Application Forms
- ✓ Latest Circulars/notices/announcements on website

- ✓ Results are uploaded on website
- ✓ Transport facility for girl students
- ✓ Anti-raging Committees
- ✓ Educational Tours and Trips
- ✓ Students' Database
- ✓ Cultural Program
- ✓ Evening Classes (Remedial)
- ✓ Sports Activities
- ✓ Open Air Theatre
- ✓ Canteens
- ✓ Alumni Association
- ✓ Orientation program for Fresher
- ✓ Women Cell
- ✓ Gold Medal to toppers of each course
- ✓ In the 18<sup>th</sup> convocation held on 24<sup>th</sup> January 2015, 57 gold medals were conferred to topper students from all the courses
- ✓ Chancellor Medal to one best student from each faculty
- ✓ Scholarship to research students

**CRITERION: VI**  
**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 INSTITUTIONAL VISION AND LEADERSHIP**

**6.1.1 State the vision and the mission of the university.**

The vision and mission of the University are based on the pursuit of growth reflected in the academic programmes through a blend of curricular, experiential and research programs guided by the socio-academic realities. The five vision statements are:

- Developing the University as an excellent centre of learning which offers quality higher education opportunity to all who deserve it and catalyses academic excellence in the society.
- Promoting research in the field of science, technology, humanities, literature, economics, social science, law, agriculture and allied disciplines.
- Creating an environment to motivate and support the academia to undertake advance studies and researches, to the benefit of the Nation and humanity as a whole.
- Preparing graduates acquainted and trained with the knowledge, communication skills and computer proficiency to meet the expectations of the global economy.
- The University becomes a major provider of appropriately trained man power to help development of India into a 'Knowledge Society'.

The strategy to achieve the goal in three stages

○ **Stage one:**

- Upgrading and restructuring class rooms, laboratories and libraries.
- Improving living standards of students and faculties in the campus by refurnishing of hostels and residential premises of faculty and staff.
- Building Central Infrastructure of the University like Sports, Auditorium, Conference Halls, Guest House, Cafeteria.
- Developing state-of-the-art office network and accountability of registry.

○ **Stage two:**

- Putting in place a fair & transparent system of admission and examination, faster in processing with worldwide accessibility.
- Re-orienting the existing curriculum to achieve academic goal of quality teaching and research.
- Introducing new teaching programs with appropriate facilities and laboratories.
- Implementing accessible and low cost courses to cater the need of every one.



○ **Stage three:**

- Industry–interface for placement of pass outs.
- Mobilizing research grants and projects.
- Establishment of the Centers of Excellence.
- Signing MOU with other universities for collaborative teaching and research.

**6.1.2 Does the mission statement define the institution’s distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution’s tradition and value orientations, its vision for the future, etc.?**

The mission is enforced through operational objectives that are reflected in the academic activities of the University in following way:

- To spread education in the community and bring the backward and rural population to the mainstream by introduction of professional courses aligned with the upcoming trend in higher education and progression of the students in the region. The University offers all professional and technical courses, viz. Engineering, Pharmacy, Management, Biotechnology, Microbiology, Applied Psychology, Mass Communication and Computer Applications. Change in examination structure and initiatives for CBSS are in progress.
- Incorporating new knowledge and introducing structural changes to the curriculum helps to keep pace with the developments in the various fields of study and meet the demands of academia, industry and society.
- The academic and industry linkage is strengthened through fieldwork, projects, internships, institutional training and research. Workshops, special lectures and conclave provide interface for student, faculty and corporate interaction.
- In response to social and global requirement of skilled workforce, initiatives in designing of integrated B.Ed. and M. Ed. course, B.Voc. offering certificate and degree at different levels is in process.
- ICT facilities and rich library undergoing digitalization strengthens research orientation. Adhering to the revised ordinance in tune with the UGC norms, University has enrolled students for research and course work.
- Holistic growth comprising of intellectual, academic, social and professional development through NCC, NSS, Rovers & Rangers, Yoga and Cultural programmes are a regular feature.

- To encourage excellence in teaching and research by providing opportunity to faculty for recharge programmes and facilitating projects funded by central agencies like FIST, ICSSR, UGC, DBT, UNICEF and others sponsored by different Ministries, bodies.

The University has put in place structures and policies for creating a healthy and inclusive learning environment for its students. The University brings to the region job oriented professional courses, and is moving to bring in skill development programmes. It provides an ICT friendly environment with various e-learning resources. It is committed to enforce and intensify efforts to develop the region by responding to the demand and developing competencies.

### 6.1.3 How is the leadership involved-

- \* **In ensuring the organization's management system development, implementation and continuous improvement?**
- \* **in interacting with its stakeholders?**
- \* **in reinforcing a culture of excellence?**
- \* **in identifying organizational needs and striving to fulfill them?**

#### **Leadership figures in the management system of the University:**

Veer Bahadur Singh Purvanchal University Jaunpur is established in the year 1987 under UP State Universities Act 1973 with its own Statute and Ordinances. The University is headed by Hon'ble Governor of Uttar Pradesh as the Chancellor. Vice-Chancellor of the University is principal executive and academic officer of University. Finance officer, Registrar, Deputy & Assistant Registrars are appointed by State Government through separate services common to all Universities. Authorities of University are Executive Council; University Court; Academic Council; Finance Committee; Board of Studies; Admission Committee; Examination Committee and such others. There are several sub-committees constituted to facilitate the functioning of above authorities.

**Chancellor:** Hon'ble Chancellor Shree Ram Naik Jee meets Vice-Chancellor in the meetings of VCs, periodically and regularly at Raj Bhawan, Lucknow, followed up with policy-pursuance and undergoing regularity mechanism. He visits the University occasionally and presides over the Annual Convocation. Regular update with monthly reports submitted to the Chancellor is a very special feature being followed here by the University. On representations, on guidelines received, University meets the issues actively.

**Vice-Chancellor:** As Chairman of Executive Council, Finance Committee, Vice-Chancellor, takes a top-down approach to management, calls for the meetings, taking decision on regular as well as urgent matters, facilitate implementation. Several sub-committees have been formed for regular and equitable disposal.

List of few such committees are as under:

<b>S. No.</b>	<b>Committees</b>	<b>Objective</b>
1	Executive Council	Regulates all Administrative, and financial matter
2	Academic Council	Regulates academic matter
3	Examination Committee	Examination related issues
4	Finance Committee	Finance related issues
5	Admission Committee	Admission related issues
6	M. Ed, Admission Committee	Admission related to M.Ed
7	B.P.Ed. Admission Committee	Admission related B.P.Ed
8	Admission Committee related to admission complaint-Permanent	Redressal
9	B.Ed Admission Committee related to admission complaint-permanent	Redressal
10	Examination Conduction Committee- 2014-15, 2015-16	Examination
11	Practical Examination Conduction Committee-2014-15, 2015-16	Practical Examination
12	Nigrani Committee	Evaluation
13	Data Processing Team	Data Processing
14	Result Upload subcommittee-permanent	Result upload to web site
15	Unfair Means Committee- Old & New	Unfair Means related to examination
16	Campus Examination Observation Committee/Improvement evaluation Nigrani Committee-New & Old	Examination
17	Building and Works Committee	Construction & Maintenance
18	Physical Verification Committee-Old & New	All kinds of physical verification
19	Chief Information Security Officer	Security of campus
20	Proctorial Board	Discipline & Security
21	Chief Warden	Hostels

22	Warden	Hostels
23	Anti Ragging Cell	Related to prevention of ragging
24	Women Sexual Harassment Redressal Committee	Redressal
25	SC/ST Advisory Committee	Redressal
26	Library Committee- New & Old	Library
27	UGC Grants utilization Committee- New & Old	Research
28	Central Purchase Committee	Purchase of consumables & nonconsumables
29	Data Cntr Committee- New & Old	Data Maintenance
30	Web Site Committee	University web site
31	List of Deans	Academics
32	Research Admission Process Committee-2014-15	Research
33	Redressal Committee related Research	Redressal
34	Coordinator, Shodh Ganga	Research
35	Committee Related to Principal/Teachers Seniority list	Seniority list of teachers
36	Seminar & Workshop Committee	Academics
37	NSS Advisory Committee	NSS
38	Rovers/Rangers Programme Committee	Rovers/Rangers
39	Committee related Online Form process-2015-16	Examination
40	Sports Council	Sports
41	Coordinator, RUSA	Rastriya Siksha Uchhattar Abhyan
42	Campus Examination Conduction Committee	Examination
43	NOC Committee- New & Old	Realted to affiliation
44	Affiliation Committee -Permanent-New & Old	Realted to affiliation
45	Campus Net Conduction & Management Committee	Internet management
46	One Student-One Plant Mission Committee	Green Plantation
47	Research Scholar Redressal Committee	Redressal
48	Women Cell	Girls students/staff
49	Placement Cell	Placement
50	NAAC/SSR Review Committee	NAAC
51	Campus Examination Evaluation/Result Committee	Examination/evaluation and

		declaration of result
52	Residence Allotment Committee	Residential house
53	Data Coordination Committee related to Affiliation	Data management related to affiliation
54	UTDs Infrastructural Development, Smart Class & Virtual Class Committee	Excellence in Academics
55	e-Governance Implementation Committee	Implementation of e-Governance
56	Student Attendance Review Committee	Student attendance
57	Action Taken Committee related to Governor House-New & Old	Connectivity with Chancellor of the University
58	Seat Nirdharan Committee-2015-16, 2016-17	Admission
59	Natya Parishad	Cultural activities
60	Committee related to Cleanliness	Cleanliness of the campus
61	Computer AMC Upyogita Committee	Annual Maintenance Committee
62	'Swachh Bharat Abhiyan' Committee	Cleanliness mission
63	Committee related to Constitution of Industrial Institute Interface (IIC)	Placement & feedback of stake holders
64	Sub- Committee related to Declaration of Yearly & Semester Examination Result-2015-16	Result Declaration
65	ACP Committee	Promotion of supporting staff
66	Solar Light Management Committee	Green Energy
67	Promotion/Recruitment (CAS) Cell	Promotion & appointment of teachers
68	Teachers Redressal Committee	Reddressal
69	MOU Committee	MOU with other institutions for exchange programmes
70	Committee related to Class Conduction	Class Conduction
71	Distribution of Section to Officers	Work distribution to officers
72	Sorting of Answer sheet & sending to evaluation center	Evaluation
73	Vigilance committee related to evaluation of answer sheets, storage and maintenance	Examination
74	Data Processing Team	Management of Examination & Evaluation Data
75	Water and waste disposal committee	Removal of waste and water harvesting
76	Health & Environment committee	Health & Cleanliness
77	List of Deans	Academics

78	Canteen Advisory Committee	Canteen
79	Health Advisory Committee	Health
80	Annual Report Conduction Committee	Annual Report of the University
81	Research and research center maintenance, conduction Committee	Research
82	Data center establishment Committee	Data mining
83	Scholarship and fess reimbursement advisory committee	Students fee & Scholarship
84	Affiliation/NOC Committee	Affiliation
85	Online fee advisory Committee	Students fee

In a bottom-up approach, the recommendation of above such committees is further scrutinized for taking appropriate decision. Regular meetings with Deans, Head, in-charge, coordinator, committee heads, offer periodical impetus to the activities at micro-levels. Meeting with office bearers and representatives of teachers' associations, employees, students, parents, citizens ensure transparency and extraction of knowledge on the matters pertinent to academics and administration. To encourage innovativeness and creativity curricular, co-curricular and extra-curricular activities are promoted. Transparency, adherence to academic calendar, fairness in process, collective decision, participatory management and accountability to all stakeholders remain keys to offer 'Quality' in all spheres of University academic life. Ultimate beneficiaries are the students and their guardians, taken care of within the framework of Acts, Statutes, Ordinances and directives to whom the University is established to serve for.

**Finance Officer:** Finance officer is the drawing and disbursing authority of the University appointed by U.P Government. He adheres to the financial regulations, presents statement of accounts and budgetary allocation before the Finance Committee. He is invited in the meetings of statutory and other bodies, to take care of financial discipline and compliances. Regular interaction facilitates to draw innovative plans and its implementation within the budgetary framework.

**Registrar:** Registrar is appointed by UP Government, holds common seal of the University, ensures safe custody of records, convenes meeting of all statutory bodies (Except Finance Committee). He has responsibility to convene examination, implement decision and adhere to provisions of Act, Statute, Ordinances of the University. He is assisted by Deputy and Assistant Registrars. Regular update within the meetings of all officials, many of the time

Dean and Heads in the office of the Vice Chancellor deliberate upon and, resolve issues on regular basis. Joint meetings lay the foundation of innovative practices in the University.

**Deans:** University has following positions of the Deans: -

- A. In Campus- Science, Management, Engineering, Applied Social Science and Medicine
- B. In the Colleges- Arts, Commerce, Education, Law and Agriculture
- C. At both the places- Applied Social Science and Medicine

Deans are appointed on the basis of seniority, have supervisory role in the functioning of academic departments. As the head of the Faculty, they are empowered to coordinate the academic decision in terms of syllabus, annual calendar, classes, examination, results and any other innovative practices relating to areas like library, laboratories, study tours etc. Following a bottom-up and top-down approach, they function as the coordinator to facilitate the Vice-Chancellor and other statutory bodies in decision making. Deans have a critical participation in several committees to advice Head and other Faculty members in discharge of academic duty.

**Dean, Student Welfare:** In addition to the role of a teacher, Dean Student Welfare (DSW) is appointed for three years, mainly responsible to encourage and facilitate the students' welfare activities like scholarship, co-curricular activities, educational tour, coordinating with Hostel Wardens. He is the in-charge of all fellowship and scholarship candidatures in dealing with state and other funding agencies. The University has a well-established office of DSW.

**Head of Department:** Academic departments are headed by the senior most teachers as Head of the Department, on rotation basis for the duration of three years. His/her role as an academic administrator of the department to update of library, syllabus, laboratory and list of examiners. Director, Pharmacy is also the Head of Department. Head is the convener of Board of Studies meetings. All the academic departments are supported by office establishment. Periodical deliberation with Deans and officials in Vice Chancellor office facilitate in evolution of new plans, innovative practices and decision on regular issues for faster implementation of policies/drcisions.

**Librarian:** University has appointed one senior teacher of University as Honorary Librarian, who is the convener of Library Advisory Committee. He holds periodical meetings of Library Advisory Committee and Sub-Committees. Honorary Librarian has a responsibility to carry out decisions pertaining to books purchase and acquisition processes.

**Proctor:** Proctor and Assistant Proctors are appointed for the duration of one year. They are responsible for maintaining discipline in the campus, issue identity cards and redress

students' problems that may arise from time to time. Proctorial board maintains a closer coordination with Women Grievance Cell, SC/ST Cell, Anti-ragging Committee and Wardens of the hostels. He also maintains harmony and security are nurtured at all levels within the campus. He has a responsibility towards University internal security system, watch & ward activities that are outsourced to an Ex-Army men Association.

Strengthening and activating the role of important functionaries including Deans, Heads and others within the norms are periodically reviewed, planned and executed by holding meetings and deliberations. Objective is to percolate down the benefit of process and academic activities to the level of Students. All officers of the University have a direct excess to the Vice-Chancellor for early and effective solutions. Intra-University coordination within teachers, staff members, their office bearers and officers have been effective in creating confidence and inculcating a creative work culture amongst all to the benefit of students and other stake holders.

Periodically, Vice Chancellor takes stock of micro level issues and its progress, important to enriching with short term and long term goals and its fulfillment. Intra and inter-departmental meetings resolve grievances and also synergize activities. He over view work culture being evolved to seek participation of all stake holders in improving process and product both.

Board of Studies and Research Degree Committees are constituted out of Faculty members drawn from University campus and Affiliated grant-in-aid Colleges on the basis of rotation.

University solicits the participation of Faculty members of Affiliated Colleges. Principals and senior teachers who have superannuated are also encouraged to look after some administrative and academic activities so as to strengthen the networking with 5 lakh students across five districts.

**Inquisitiveness, Introspection, Interaction and Involvement are '4Is' being followed evolving a system in whole, to strengthen culture of confidence and excellence.**

**The top ten achievements are:**

- i. Streamlining the process of Examination and Result process with inception of ICT;
- ii. Galvanizing strength of rural students in getting co-curricular and extra-curricular activities, excelling at National and State Levels ;
- iii. Activating Women's cell , SC/ST cell and Anti-Ragging Cell to infuse discipline along with social ethos;
- iv. Update of Vivekananda Central Library and strengthening of e-library;
- v. Maintenance of internet facility across campus, residential flats and all hostel rooms;



- vi. Uploading on 'AISHE' and 'Shodhganga' of all the stakeholders;
- vii. Regular meeting of Statutory Bodies and Committees;
- viii. Faster Redressal of Grievances of the students.;
- ix. Modernization of Laboratories and Classrooms.
- x. Promoting research at Doctoral and Post-Doctoral levels.

**6.1.4 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.**

No

**6.1.5 Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?**

All the positions in statutory bodies are filled (except few) and meetings of the Executive Council, Academic Council, Examinations Committee, Finance Committee and Admission Committee are conducted regularly to deliberate upon the matters. The constitution and governance is defined by the provisions in University Statute.

**Executive Council:** The Executive Council of the University is chaired by the Vice Chancellor and comprises of Deans of Faculties, Principals of affiliated College and Faculties as representatives, and Registrar as the secretary. It makes decisions on high level issues and other regulations.

**Academic Council:** The body consists of Vice Chancellor as the Chairperson and Registrar as the secretary along with other members representing different categories and academic fraternities. It mainly deals with decisions related to academic programmes proposed by Board of Studies, issues related to principles and criteria for naming examiners, and other related academic decisions.

**Finance & Accounts Committee:** The Finance & Accounts Committee is chaired by the Vice Chancellor and Finance Officer is the Secretary. Examination Controller and representatives of Chief Secretary, Finance and Chief Secretary, Higher Education are the members. The committee deliberates on financial matters such as payments against already set limits, scrutinize the annual budget estimates and recommend to Executive Council, and provisions regarding maintaining of accounts for the year.

**Admission Committee:** The admission committee is chaired by the Vice Chancellor. It takes decisions regarding admission to various academic programmes in the University, prepares the annual academic calendar for campus courses and affiliated colleges.

**Examinations Committee:** This committee is chaired by the Vice Chancellor where Registrar is the Secretary. Deans of various Faculties and Examination Controller are its members. It takes up the issues related to conduct of exam, evaluation, declaration of results along with redressal of grievances related to examination in University and its affiliated colleges.

**6.1.6 Does the university promote a culture of participative management? If yes, indicate the levels of participative management.**

The university promotes participative approach of management at all levels. The composition and role of different statutory bodies and other bodies to regulate the various activities of the University adheres to inclusive approach. The Executive Council is the executive and governing body, and the Academic Council is the authority to decide on courses and curriculum and other academic matters of the University and its affiliated colleges. These two bodies have adequate representation from the divergent set of stakeholders namely University faculty, affiliated college principals and faculty, academic administration as well as eminent personalities of society. This diversity in the higher bodies enables the leadership to interact with the stakeholders and in identifying the organizational needs. It also promotes a culture of participative management. Board of Studies (BoS) of each department along with external expert members in the respective areas of knowledge meets at least once every academic year to review course structure and other academic matters, including issues related to assessment, evaluation and results. The Research Degree Committee (RDC) also has external experts in the subject area as its members and the meetings are held regularly.

**6.1.7 Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.**

The University provides academic and administrative leadership to the affiliated colleges through affiliation section of the university. It lays down the guidelines for affiliation, governance, academic monitoring and development of government aided and self financing colleges. The course curricula for all academic programme offered by the affiliated colleges is prepared in such a way to cater the need of society and government by external and internal expert of the field and finally presented before the academic council for approval.

It is worth mentioning that affiliated colleges have representation in various bodies like, Executive Council, Academic Council, Admission Committee, Examination Committee, and other such bodies to regulate the academic and administrative activities of the affiliated colleges.

The University has taken initiatives through a resolution in its Executive Council to provide autonomy to one of its colleges, namely, Handia P.G. College, Allahabad.

**6.1.8 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?**

The University has taken initiatives through a resolution in its Executive Council to provide autonomy to one of its colleges, namely, Handia P.G. College, Allahabad.

**6.1.9 How does the university groom leadership at various levels? Give details.**

The University encourages participation of all stakeholders in setting up the norms and rules of the University, and facilitates them to work towards excellence in teaching and learning process, and involve them in the administration of various programmes participative environment. The academic decisions are taken after discussion with faculty at the department, faculty, and university levels providing the stakeholders to articulate their viewpoint. This bottom-up approach grooms both students and staff members to take up leadership roles.

**At students level** The students have a student representative. Students are made representatives of presentation/seminar or other such group activities of student. In addition, students function as team leaders for various NSS/Rover & Rangers unit. The personality development activities also attempt to inculcate leadership qualities.

**At faculty level** The faculty members attend training programmes for developing leadership qualities. They are entrusted with additional administrative work like conducting various Examinations as Examination Superintendent, Warden, Procter, Librarian, Convener / Coordinator of various committees thereby grooming their leadership potential. The constitution of committees in the university has resulted in moulding faculty for leadership roles, besides achieving the goal of shared responsibility. Organization of national and international conferences and workshops by the faculty members give them an opportunity to lead their groups. Regular meetings of Deans and Heads are conducted in all the Faculties.

**6.1.10 Has the university evolved a knowledge management strategy? If yes, give details.**

Knowledge management efforts at the University typically focus on continuous improvement in teaching and learning along with efficient administration with increased use of computers, knowledge repositories, internets, and computer-supported cooperative work.

- Faculty is regularly encouraged /nominated to participate in workshops
- To organize regular conferences, seminars and workshops.
- Knowledge is shared and documented in electronic/print form
- Experts are invited from other institutions as members of BOS, RDC and for interaction with the students through series of lectures organized by the departments
- Eminent personalities from Judiciary, Industry and other bodies are invited to visit the University on several occasions.
- Library is the center of excellence with rich stock of books, journals, e resources, and repositories
- University is creating data center to meet a varying needs of the students including academic, research and administrative and also to be well connected with students and knowledge sharing between faculty and students
- Remedial classes are arranged for up gradation of needy students
- Special lectures series are organized for value addition to the knowledge base of students, researchers and faculties
- The University has initiated work on data center to secure data base of all important academic and administrative information.

**6.1.11 How are the following values reflected in the functioning of the university?**

**Contributing to National Development**

The university achieves excellence by training and developing competitive human resources, inculcation of values in its own employees, students, and use of emerging technologies. The University contributes to National Development through active participation in All India Survey of Higher Education (AISHE), Shodhganga, NSS, Rover ranger, RUSA, activities conducted by AIU, IQAC, All India Association of Science Congress, All India Commerce Association, and such bodies at national level.

The professional courses offered in the University prepare the students to meet the challenges of the working environment that align towards the development of nation. The research projects funded by agencies contribute to development of knowledge and country. In addition lectures by eminent personalities, extension work, blood donation camps contribute towards nation.

### **Fostering Global Competencies among Students**

The university promotes leadership role among students by organizing activities like debate, quiz, poetry recitation, collage, painting and other extracurricular activities to sharpen their talent. University always invites eminent personalities of different field, academicians, and industry personnel for discussion to generate acquaintance with new development in their area. Formal and informal efforts are also made to improve overall personality development of the students. Use of technology further adds to preparing the students for globalized competencies. The University is opening its door to collaboration with other institutions. To cater to this need an International Guest House is under construction.

### **Inculcating a sound value system among students**

The University takes various initiatives to inculcate a strong value system among the students in their formative years to stay ingrained for their corporate and personal lives. The curriculum introduces subjects on Corporate Social Responsibility, Business Values & Ethics and Soft skills. There are various additional inputs in form of Yoga practices every day morning, blood donation camp, one student & one tree, Bappu Bazar, sports and cultural activities that work towards developing a value system in the group work. Furthermore, invited lectures conducted regularly emphasize on the need of inculcating values in the process of learning to become successful professionals.

### **Promoting Use of Technology and Quest for Excellence**

The university always promotes the use of latest technology to make the system more reliable, transparent and efficient. Computerization of library, online application, access of e-journals etc., and online submission of examination forms and declaration of results is an endeavor to infuse excellence in the system.

## **6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT**

### **6.2.1 Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?**

The University has a perspective plan for development. The following aspects are considered in the development of policies and strategies.

### **Vision and mission**

The University plans to develop skill based teaching-learning system and contribute to holistic development of students with global perspective. It provides opportunity to the students in this economically backward region to avail professional education at an affordable cost. Its endeavor to provide ICT enabled campus and best infrastructure in terms of building, roads, and equipments are in process.

### **Teaching and learning**

The University is working on introducing new courses such as two years B.Ed. and M.Ed. course as per guidelines of NCTE. B. Voc courses are also in the process of being framed and introduced from next academic session. Choice based credit system is another area which the University is venturing in step by step mode. These efforts will broaden the opportunities available to the students for learning. Improved technology-assisted participatory teaching-learning processes add to take-away for the students.

### **Research and development**

To bring excellence, initiatives are taken to facilitate research under the guidance of the UGC, 2009 regulation. Infrastructure is being prepared to accommodate the students admitted to the course work. Thrust is being given for building up facilities for availability of e-resources.

### **Community engagement**

The University has planned various activities to be carried out for community development such as Blood Donation Camps, encourage plantation through “One student, one tree”, Bappu bazaar, etc. Mushroom cultivation training to the rural mass and such endeavors link University to the Community in raising economy.

### **Human resource planning and development**

The University follows the regulations of state government for recruitment, remuneration, performance appraisal, career advancement, training and development, superannuation, health & insurance benefits, research grants and leave entitlement. The prospective plan of the university in human resource development includes capacity building and capability enhancement with modern-day requirement of the faculty resources through training in current developments and technologies.

### **Industry interaction**

The Cell for Industry Institute Interface (III), VBS Purvanchal University, was set up as a separate entity to bring the industry closer to the academia and vice-versa. It is planned to strengthen interactions with industry by way of industry visit, guest lectures by eminent industry personnel, and projects for students with the help of industry by nominating industry experts on various academic bodies. An Alumni Association was formed to introduce a formal platform for interaction between the alumni and present students.

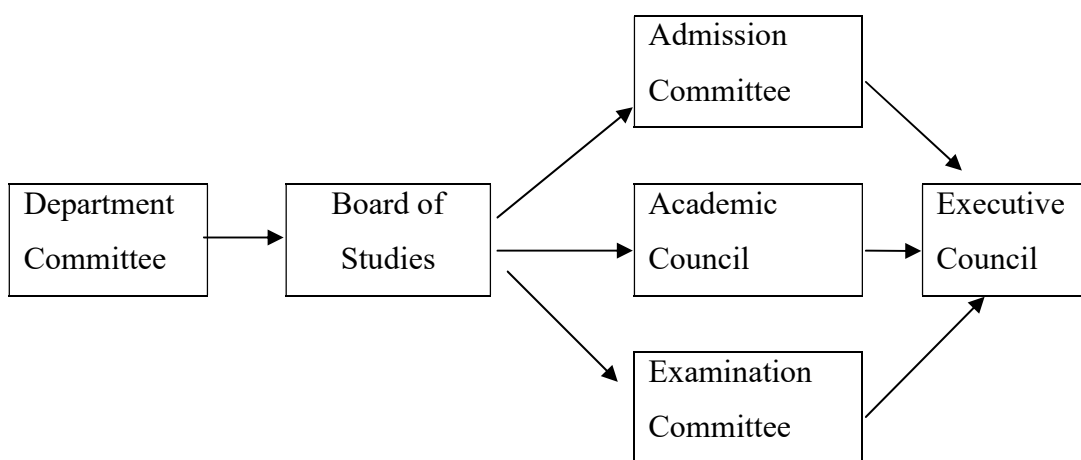
### **Internationalisation**

For improving the quality of teaching and research it is planned to have more collaborations with reputed international organizations. The curriculum is periodically revamped in a way to fit to the changes in terms of opportunities and requirements of subjects concerned at global level. Trainings are provided to the students widen their practical knowledge and competence in various facets. Computer and skill development related courses are also included in the curriculum.

### **6.2.2 Describe the university’s internal organizational structure and decision making processes and their effectiveness.**

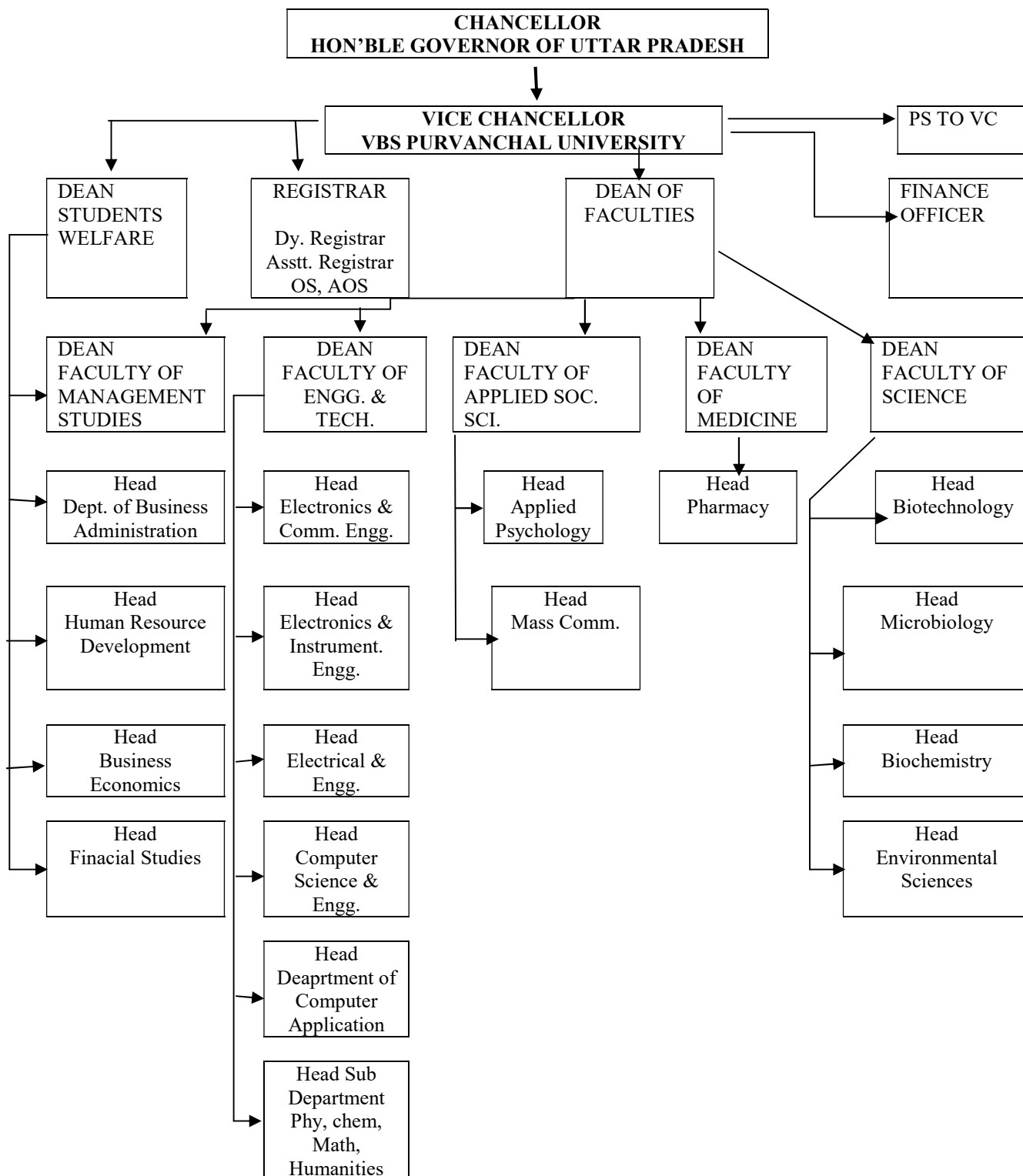
The VBS Purvanchal University Statute provides following authorities namely, the Executive Council, the Academic Council, the Finance Committee, the Examination Committee, and the Departmental Committees. On critical issues and matters the statutory bodies some time constitute various committees along with external experts to deal with specific situations.

Departmental Committee → Board of Studies → Academic Committee  
 Departmental Committee → Board of Studies → Finance Committee

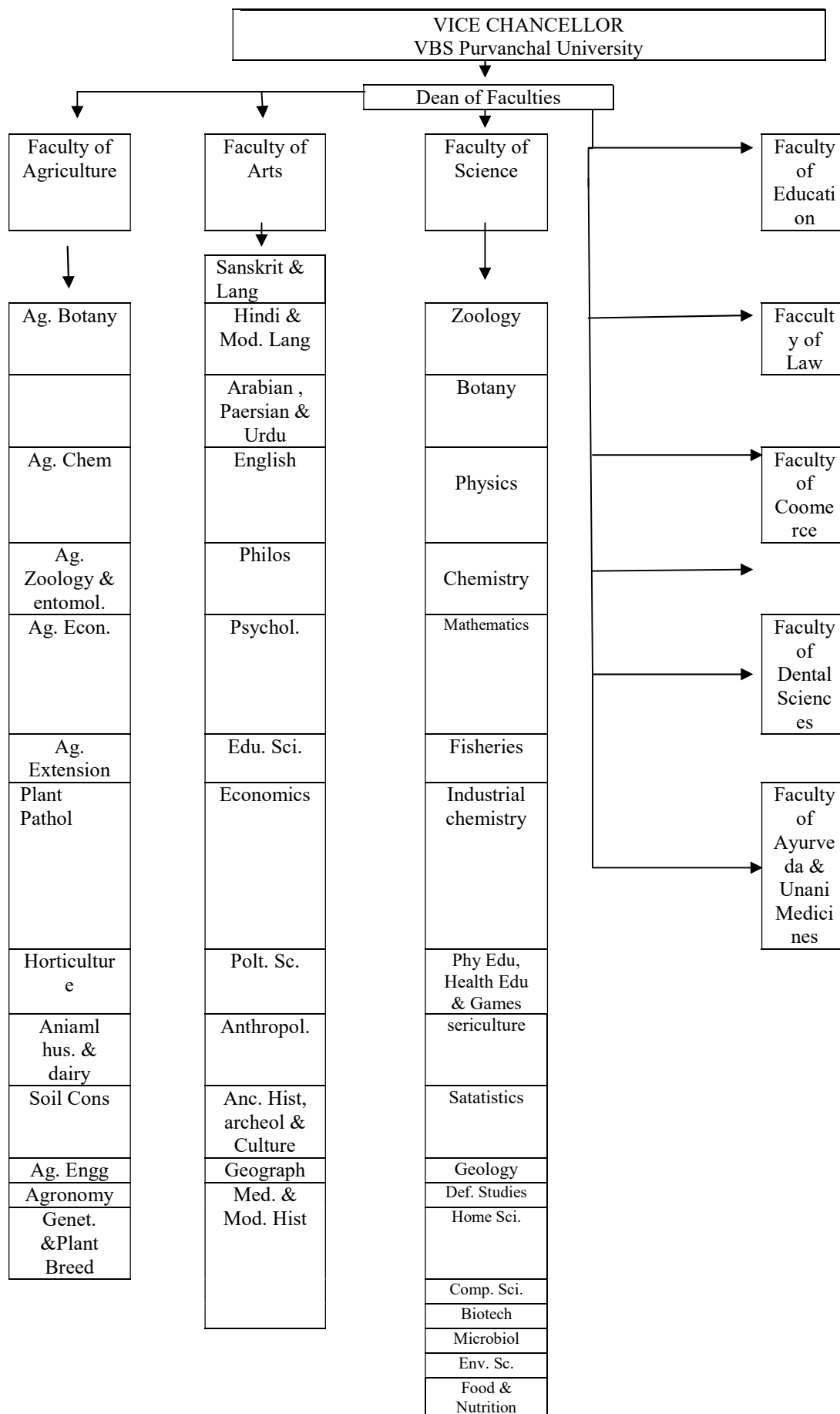


The University's internal organization structure is given below:

### UNIVERSITY'S ORGANIZATION STRUCTURE







### **6.2.3 Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?**

The university plans to be one of largest center of professional education by strengthening teaching and research on campus, develop state-of-art infrastructural support facilities for maintaining quality. The various bodies of the University are empowered to formulate and implement the policies as per the rules of the University to maintain the quality. While following the bottom-up approach, the Boards of Studies of respective departments, Research Development Committee (RDC), Departmental Committees and other stakeholders define and deploy the quality benchmarks. IQAC of the university monitors the implementation of quality policy not only in campus but of the affiliating colleges also.

Quality is ensured through;

- (i) Annual calendar and its adherence in scheduling the session, examination and declaration of result
- (i) Syllabus is framed by Board of Studies, recommended by Academic Council and approved by Chancellor
- (ii) ~~Admission Policy reviewed~~ on number of seats, schedule and process by Admission Committee
- (iii) Board of Studies review syllabus time to time keeping in view the national perspectives and changes in the field
- (iv) Teaching schedule and attendance is regularly maintained by departments and faculties
- (v) Regular meeting of Departmental Committees, Deans and Heads are held for appraisal
- (vi) Examination is regulated through appointment of Examiners recommended by ~~Board~~ of Studies, Question Papers are moderated, syllabus is digitalized and uploaded on university website.

### **6.2.4 Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?**

The various teaching departments of the university offering UG and PG degree have their own board of studies and full autonomy to devise their academic and research programme, review and restructure them after approval from academic council of the university. The powers of Deans and Heads are defined as per the statute. The

academic accountability of the departments is ensured through feedback from students and stake holders.

**6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?**

- University has a panel of standing councils to pursue the cases in Allahabad High Court and its Lucknow bench
- The remedial processes in the University has been strengthened to reduce the litigations
- University pursues the cases vehemently, so that decisions of the statutory bodies are upheld

**6.2.6 How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?**

The grievances/ complaints of students, staffs (teaching and non-teaching) and stake holders of both male and female are addressed properly and resolved effectively. On the basis of nature of complaints normally received several functional/standing committees have been constituted to offer solution for complaints received and grievances are redressed accordingly. Grievance handling mechanism: Admission Complaints Redressal Committee, Anti-ragging Committee, Examination Committee, UFM Committee, Women Sexual Harassment Prevention Committee, SC/ST Advisory Committee, along with various sub committees to address different issues.

University has anti-ragging committee, sexual harassment committee, women cell, SC/ST cell to prevent harassment and other related grievances at departmental and University level.

**6.2.7 Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?**

The university has student feedback system in place. The following standard format is utilized for feedback. The Proforma is circulated among the students (outgoing batch) and feedback obtained while concealing the identity of the student, is analyzed and appropriate action is taken for further improvement in the quality.

**6.2.8 Does the university conduct performance audit of the various departments?**

There are frequent meetings of Head of the Department with faculty members for appraisal of department activities. A formal performance audit of departments is under consideration.

**6.2.9 What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?**

The 'Affiliation Section' of the university is the important connecting link between the university and affiliating colleges. It keeps constant watch and constitutes committees to inspect the implementation of the guidelines of regulatory bodies. It also ensures the student-faculty ratio, classroom for girls, canteen, transportation facility, medical aid, drinking water etc. selection of college faculty in different teaching departments (contractual) are done by framing selection committee and interviews are conducted in the University. The University facilitates flow of grants from UGC to affiliated colleges recognized under 2(f) and 12(b).

**6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.**

The college Principals and teachers are given opportunity by the University in form of representation in the bodies like Executive Council, Academic Council, Admission Committee, Examination Committee, Sports Committee, etc.

**6.3 FACULTY EMPOWERMENT STRATEGIES**

**6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?**

Several initiatives have been taken and provisions made for the professional development of the teaching and non-teaching staff.

The University promotes faculty participation in research by providing the following facilities:

- ✓ Internet facilities are provided for the staff and students to make use of internet. Subscription to e-journals and e-databases like INFLIBNET, DELNET
- ✓ Subscription to research journals and periodicals besides procurement of books on various research areas
- ✓ All faculty members are eligible to avail study leave for higher studies.

- ✓ Leave for orientation and refresher course to faculty members are granted to attend specialized development courses. They are also granted leave and allowed to attend any other short-term training programmes.
- ✓ Fund for minor research has been created and a dedicated fund has been created to provide seed money to faculty members to start a research project.
- ✓ Travel grants for attending conference / seminars are provided to faculty members to attend / participate in national and international conferences / seminars / workshops. Nominating and financially supporting faculty members to participate in workshops/training programmes/ other national and international forums in areas which are important to the University's mission of the University.

The non-teaching staff have also been benefitted from the University policy of encouraging and helping its staff in their professional development through following ways:

- ✓ Initiatives are taken by the University to provide training to its staff in basic and advanced computing skills. It includes training in use of software (MIS and MS-Office).
- ✓ Nominating and financially supporting the staff for workshops / training programmes in relevant areas.

**6.3.2 What is the outcome of the review of various appraisal methods used by the university? List the important decisions.**

The review of various appraisal methods used by the University helps in taking initiatives to address different issues for higher efficiency and effectiveness in the system. Some important decisions taken are upgrade the availability of eligible teachers, processing the examination results effectively, modernizing laboratories, offering IT facilities, establishing book bank, holding remedial classes, and such other methods.

**6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.**

The university has following welfare schemes for their teaching and non-teaching staffs-

- Loans at concessional rate for purchase of vehicles, building homes, advance money etc.

- The university created corpus fund for pensioners.
- Six months maternity and 15 days paternity leaves, child care leave as per Government orders and directives.
- Medical leave up to 29 days are sanctioned by Vice-Chancellor and more than 29 days has to be approved by executive council of the university.
- The university provides accommodation to its staffs at nominal charges.
- The university proposed to establish community center, shopping complex etc.
- Free of cost health checkups and medication in health center
- Provision of 3-months maternity leave to female employees with full salary and 15 days paternity leave to male employees.
- Availability of transit hostel for working women and men
- Provision of festival advance, car/scooter/house building loan, and other such schemes
- Payment of advance from provident fund (PF) of employees for meeting expenses towards education, marriage etc. of their wards.
- Payment of pension benefits including gratuity to superannuated employees appointed prior to 2004 (there are standing instructions to this effect in the University)
- Benefit of Provident Fund and Group Insurance Scheme for all employees
- Provision of professional training sponsorships
- Financial assistance to the faculties of the University for attending the National/International Conferences/Seminars
- Subsidized transportation/ free transportation to off-campus employees
- Excellent internet to all the employees
- Other facilities such as University Residence, Timely promotions, Salary through Bank, Indoor/Outdoor Sports Facility, etc.
- Appointment for heirs, dying in harness

A large percentage of employees have been benefitted from welfare measures initiated by the University.

**6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?**

To attract and retain eminent faculty members, the University takes the following measures:

- Implemented various welfare schemes such as PF/EPF, group insurance etc.
- Vacancies are publicized in leading national and regional newspapers and selection is always made on the basis of merit.
- The University offers and provides attractive salary package as per 6th Pay commission and 7<sup>th</sup> Pay commission is underway.
- Granting necessary financial assistance to attend seminars/conferences at national level.
- Infrastructural support for fitness & health care facility & recreation facility like badminton, table tennis, basketball, etc.

**6.3.5 Has the university conducted a gender audit during the last four years? If yes, mention a few salient findings.**

The university provides equal opportunities to male and female in matter pertaining to recruitment and admission in teaching departments. The university also strictly observes the reservation criteria as per Government orders and directives.

**Students in University Departments:**

Department	2012-13	2013-14	2014-15	2015-16	2016-17
<b>Biotechnology</b>	15	20	17	19	20
<b>Microbiology</b>	20	20	20	20	20
<b>Environmental Science</b>	19	20	20	19	19
<b>Biochemistry</b>	17	17	19	20	20
<b>Business Administration</b>	86	73	70	74	60
<b>HRD</b>	27	33	29	24	24
<b>Business Economics</b>	14	15	22	14	11
<b>Financial Studies</b>	29	17	32	24	40
<b>Mass Communication</b>	27	27	21	12	15
<b>Applied Psychology</b>	18	17	10	5	02
<b>Pharmacy</b>	59	50	51	57	60
<b>Computer Application</b>	37	33	25	25	10
<b>Electrical Engineering</b>	54	59	60	55	18
<b>Mechanical Engineering</b>	59	60	60	59	53
<b>Computer Science Engineering</b>	46	50	55	49	50
<b>Electronic &amp; Communication</b>	47	54	60	45	18
<b>Electronic &amp; Instrumentation</b>	40	33	31	17	01
<b>Information Technology</b>	38	31	18	25	11

**List of Gold Medalists to show Male and Female ratio in academic performance:**

Deptt	2011-12		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
Biotech	-	1	-	1	-	1	-	1
Microbiol	-	1	-	1	-	1	-	1
Biochem	-	1	-	1	1	-	-	1
Env. Sc.	-	1	-	1	-	1	-	1
MBA	-	1	-	1	1	-	-	1
MBA Agri	1	-	1	-	1	-	1	-
MBA E-com	1	-	-	-	-	-	-	-
MBA (HR)	-	-	-	1	-	1	-	1
MHRD	-	-	-	1	-	1	-	1
MBA (BE)	-	-	-	-	-	1	1	-
MBA (FC)	-	-	1	-	-	1	1	-
MMC	-	1	-	1	1	-	1	-
MAP	-	1	-	1	1	-	1	-
Pharmacy	-	1	1	-	-	-	1	-
MCA	1	-	1	-	1	-	-	1
EE	-	1	1	-	-	-	1	-
ME	-	1	1	-	-	-	1	-
CSE	1	-	1	-	-	-	1	-
EC	1	-	1	-	-	-	-	1
EI	-	-	-	-	-	-	-	1
IT	1	-	-	1	-	-	-	1
<b>TOTAL</b>	<b>6</b>	<b>10</b>	<b>8</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>9</b>	<b>11</b>

From the table it can be seen that performance of female students is better than male students in academic achievement.

**6.3.6 Does the university conduct any gender sensitization programmes for its faculty?**

Women cell of university regularly organized gender sensitization workshops/seminar/awareness programs in past academic years for faculty, staff and students.

**Events organized in session 2013-2014:**

- (i) Workshop on "Gender sensitization", held on May 13, 2014
- (ii) National Seminar on "Issues on Gender Bias and Sexual Harassment on University/ College Campuses" held on May 13, 2014.

**Events organized in session 2014-2015:**

- (i) "Sensitization /Awareness Program for Women Teachers and Employees of VBSPurvanchal University against Gender Bias and Sexual Harassment", held on October 1, 2014.

**Events organized in session 2015-2016:**

- (i) National seminar on "Prevention and Prohibition of Gender Bias and Sexual Harassment in Educational Institutions "held on March 10, 2016.



In addition, display boards regarding “Zero tolerance towards sexual harassment” and guidelines on making the university campus gender friendly are exhibited at prominent locations on the university campus.

**6.3.7 What is the impact of the University’s Academic Staff College Programmes in enhancing the competencies of the university faculty?**

The University has sent a proposal to UGC for opening an Academic Staff College to facilitate training of its faculties and others in the region.

**6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION**

**6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?**

The University has well structured institutional mechanism to monitor the effective and efficient use of financial resources.

- The University has constituted a Finance Committee as per the University Statute.
- It comprises of Vice Chancellor of the University as Chairman, Finance Officer as the Secretary. Examination Controller and representatives of Chief Secretary Finance, Secretary Higher Education are the members, and EC nominee along with the Registrar.
- It looks after all the financial matters pertaining to control of University revenue, grant received from various funding agencies, procedure for procurement for stores, payment for salary, pension, arrear, purchase of equipment etc.
- The Finance Committee periodically reviews the financial requirement of the University and suggests ways and means of its improvement and makes recommendations relating to University finances.
- All the financial activities are planned by translating these requirements in annual budget incorporating therein recurring and non-recurring expenditure and the income expected to be generated from internal resources. The daily expenditure is monitored by Finance Officer and after six months based on actual expenditure the budget is presented to Finance Committee for approval. The Finance Committee considers these budgetary requirements and after careful examinations makes recommendations for its approval to Executive Council of the University. The University notifies the rules for making various

expenditures following the principle of transparency, efficiency and fair procedures.

**6.4.2 Does the university have a mechanism for internal and external audit? Give details.**

- The University has its Chartered Accountant for preparation of audit, balance sheet, and financial records.
- The external audit is performed by the Auditor General of Uttar Pradesh and Local Fund Audit Department, Uttar Pradesh.
- The internal audit of the University accounts is regularly done by Chartered Accountant and Government Auditors. All the bill/vouchers are pre-audited before making the payment.

**6.4.3 Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?**

The internal audit of the University accounts is regularly done by Chartered Accountant and Government Auditor. All the major audit issues are put before the Finance Committee that works as per the norms of University Statute.

There is no major audit objection against the university during last four years.

**6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.**

The income and expenditure of last four year is given below:

Year	Income (Rs. in Thousnda)	Expenditure (Rs.in Thousands)
2014-2015	1025332	455143
2015-2016	915390	589999
2016-2017	1225562	1226662

By observing the above data it is stated that the financial conditions of university is sound.

**6.4.5 Narrate the efforts taken by the University for Resource Mobilization.**

The University has introduced several self finance academic programmes to generate resources and provide education in the contemporary area.

**6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details.**

Yes, there is corpus fund for pension.

## **6.5 INTERNAL QUALITY ASSURANCE SYSTEM**

### **6.5.1 Does the university conduct an academic audit of its departments? If yes, give details.**

The University prepares annual report by taking inputs from various University departments and affiliating colleges regarding their progress in terms of Academics. IQAC cell is being regularly audited by 'IQAC Monitoring Team' appointed by the UP Government.

### **6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?**

Based on inputs received from the Annual Report of each department and affiliating colleges, IQAC interacts with the Heads/Deans of the university and IQAC coordinator of affiliated colleges to improve the teaching learning and evaluation.

### **6.5.3 Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

Board of Studies at department level and Academic Council at University level regularly review the syllabi to meet out the regional as well as national challenges. The IQA Cell regularly organizes workshops within campus and outside the campus to create awareness about the NAAC and preparation of the report. The Cell also organized workshops on Ph. D. programme, B.Voc., CBCS and Examination reforms.

### **6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?**

IQAC has initiated the regular meetings with Heads/Deans of the departments/faculty and IQAC coordinator of the colleges to enhance quality. Moreover, step has been taken to setup a mini-IQAC in each faculty and continuous interaction with College IQAC Coordinator.

### **6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation? All.**

### **6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.**

IQAC has one external member namely DR. Qumar Abbas on its committee. The members suggested using ICT fully for maintaining the institutional database. The

step has been taken and database centre in the form of research and innovation centres has been proposed for establishment in a separate building.

**6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?**

Academic performance of the disadvantaged category is indicator of the incremental growth by providing remedial coaching, personality development, communication skill, summer training etc.

**6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centers, etc.?**

Board of Studies, Research Degree Committee, Academic Council and Executive Council etc have well defined roles for periodic review to implement the rules and regulations of the University.

## CRITERION: VII

### INNOVATIONS AND BEST PRACTICES

#### 7.1 ENVIRONMENT CONSCIOUSNESS

##### 7.1.1 Does the university conduct a Green Audit of its campus?

Steps are initiated for green audit in the University Campus. Awareness for conserving the environment and inculcating eco-friendly habits in the students is achieved through various drives in the University. Some initiatives to make the campus eco-friendly are:

- One tree, one student drive to make the campus green and make the students sensitive towards the need of plantation
- University has three water bodies for water conservation
- Waste Management & Disposal Committee and Tree Plantation Committee take steps to keep the campus hygienic and green

##### 7.1.2 What are the initiatives taken by the university to make the campus eco-friendly?

###### **Energy conservation:**

- The University buildings are designed in a way to provide ventilation and light the interiors through glass windows that reduces use of electricity.
- The use of MCB in every floor helps to conserve energy.
- Plantation of trees along pedestrian walk ways and parks keep the environment cool.
- Students and staff are made aware of switching off the lights, fans and computers before leaving their rooms.

###### **Use of renewable energy:**

The University has initiated use of solar lights in some common places in the street and is working on increasing the use of solar light in the campus.

###### **Water Harvesting & check dam:**

To recharge the ground water and maintain the water table the University has made three ponds. Though the place enjoys good rain, the excess water around gets stored in these ponds. These ponds constructed at three points take care of flooding.

###### **Efforts for Carbon neutrality:**

Plantation of new plants has reduced carbon contents. The dead leaves and waste paper are allowed to decompose. Regular effort is made by horticulture and NSS to maintain the green cover in the campus.

**Plantation:**

Plantation work is carried by the Horticulture wing of the University. 5 June, Environment day is celebrated by planting trees. Varieties of plants that help in conserving water and soil are planted. Initiative of “One student, one tree” adds to the awareness campaign in which the students’ plant saplings and nurture it. As a mark of encouragement to the spirit of green environment, visit of dignitaries in the campus is marked with plantation of trees.

**Hazardous waste management:**

- The biological waste from laboratories of the Department of Biotechnology and Pharmacy are disposed in incinerator.
- Garbage containers are placed near the Departments and Residential areas separately for wet/organic waste and dry waste of different colours. This garbage is segregated and disposed of separately.
- Awareness is generated on use of paper. Whenever possible, information is circulated through e-mail. Employees are encouraged to save paper by taking proofreading in soft copy or on used paper. Also, double side printers are purchased to encourage double side printing and reduce paper use.
- The use of plastic disposable is strictly prohibited in the hostel mess, cafeteria and canteen.
- Use of LPG is mandatory in hostels and canteens for cooking in the campus.

**e-waste management:**

- Regular Annual Maintenance Contract
- Repair and maintenance of equipments
- Updating of software
- Minimizing obsolescence
- Reduce capital cost
- University has three water bodies with soft water that attracts migratory birds in winter.

## 7.2 INNOVATIONS

### 7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the university.

Some of the recent initiatives taken by the University that have created a positive impact on the functioning of the University are the following:

#### **Academic and administrative initiatives:**

- Online filling of examination form, allotment of roll number and admit card: In order to streamline the process of examination, use of online facility made the process hassle free and saved on logistics.
- Online declaration of results on the website has expedited the process and brought in greater transparency in the process.
- Initiatives to introduce new two year B.Ed. and M.Ed. programme as per NCTE recommendations and B.Voc. programme.
- Organizing Orientation/ Induction programmes for fresher in UG and PG level since last two years.
- Lecture series conducted where eminent persons from academia and industry interacted with the students.
- Admission to Ph.D. courses initiated as per UGC 2009 guidelines and facilitating course work by establishing research centers.
- Memorandum of Understanding signed with IIT Mumbai.
- International and national conferences organized. HR Conclave was organized for the first time.
- Alumni Association formed to provide opportunity for interaction and learning from the experiences of alumni.
- Industry Institute Interface Cell organized activities by inviting people from corporate.
- Providing remedial classes for students.
- Initiatives for Choice Based Credit System in phased manner.

#### **Campus and community development initiatives:**

- Establishment of Women Cell for maintaining equal opportunity for girls in the campus.
- Providing excellent sport facilities and laurels brought to the University by its sportsperson.
- Set up regular Yoga in the campus for the students and employees.

- “One student, one tree” plantation programme by students active involvement.
- Wellness program through programme on acupuncture therapy for students and employees.
- Bus facility especially for girls’ student movement to and from University.

**Technological advancement:**

- Display of information related to admission, notices, tenders, etc on line.
- Display of result online <http://vbpuonline.in/index.html>
- Filling of examination forms and issue of admit card online.
- ICT facility in campus through internet facilities in all academic and administrative buildings; and also in all the rooms in the hostel.
- Digitalization of Vivekanand Central Library in process.
- Availability of e-resources such as journals, e-books, video conferencing facilities, UGC e-pathshala, Inflibnet access, etc.

**7.3 BEST PRACTICES**

**7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the university.**

**Best Practice- I Curricular**

**1. Title of the Practice**

Integrated Examination and Evaluation System- a student centric approach for transparency and timeliness in evaluation and declaration of results in VBS Purvanchal University

**2. Objectives of the Practice**

The objective of integrated examination and evaluation system are:

- Improvement in quality of services provided by the University to its stakeholders by introducing computerized window system and online availability of information for students
- Automation of facilities by integration of all branches of examination
- Offer more transparent, reliable, efficient, timely, and accurate outcomes of evaluation process
- Streamline the procedure for collation and keeping track of a large number of students
- Centralized, secure, and robust database of the candidates



- Effective monitoring of examination process by the concerned authorities and the possibility of fraudulence is minimized

ICT is used as a tool for integrating and automating various activities of examination system at different levels. It enables and ensures smooth and fair examination and timely declaration of results to the stakeholders in their locations.

### **3. The Context**

The University has 559 affiliated colleges scattered in five districts viz. Jaunpur, Azamgarh, Mau, Gazipur, and Allahabad. Five lakh students are enrolled in different UG and PG courses. Examination is conducted in the colleges declared as center; many of the colleges are in rural set up and the students are from rural population.

Major challenges in implementation of integrated examination and evaluation system were:

- use of ICT and its implementation as most of the students belonged to rural background and live in villages
- conducting examination of five lakh students by providing centers
- designing mechanism for smooth conduct of exams ie. distribution of question papers (confidential), timely distribution to centers, collection of answer booklet
- coding of 32 lakh answer books
- timely centralized evaluation
- collation and track of 32 lakh answer books
- declaration of results

### **4. The Practice**

#### **Integrated Examination and Evaluation System:**

The examination and evaluation system of the VBS Purvanchal University was envisioned to be transparent and student centric with emphasis on the timely evaluation and declaration of the results. To facilitate the entire process, extensive use of ICT was adopted. The process adopted is as follows:

1. Offering of online submission of Examination Form to Students of residential and 693 affiliated colleges and five lakh students.
2. Conduct of Examination in the month of March and April at around 500 centers spread in five districts. To ensure smooth and fair examination

several teams of observers and special flying squads are entrusted with the responsibility of keeping vigilance over the examination centers and report to the control room established for this purpose for necessary action thereon. In case any center is found using unfair practices or reported mass copying, the center is cancelled and students are shifted to other centers. A UFM committee is constituted for cases booked under unfair means.

3. Assimilation of the answer books at the designated nodal centers within schedule in different districts and shifting to the University collection centers.
4. Answer books collected from different nodal centers are organized subject wise and thereafter concealing of the roll numbers of each answer book is done by coding/ stapling and bundle of 75 books is prepared for evaluation. This process is adopted for 32 lakh answer books.
5. Thereafter the answer books are sent for evaluation to the examiners at four different centers in the campus. Around 50 per cent of examiners are invited from outside the University.
6. After evaluation the roll numbers are de-concealed/ de-stapled and sent to the computer center established at each evaluation center for data feeding and generating award sheets. The award sheets along with the answer books to ensure error free data processing.
7. The process relentlessly continues for 32 lakh answer books and the same is completed by first week of June. In parallel to this process, it is ensured that the viva voce and practical examination are conducted and the marks are fed into the computer.
8. Result processing of the data and declaration of the results are initiated in June and the final declaration of the results is completed by last week of June. Simultaneously statement of marks is displayed online.
9. Mark sheet and tabulation charts are sent to the respective colleges in July, before commencement of the new session.
10. The students can download **e-mark sheet** for their immediate use.
11. To protect against counterfeit, the mark sheets/degree are provided with the following security features:
  - a. Anti Scanning
  - b. Anti Photocopy

- c. Micro Text
- d. Hidden Logo, Barcode & MSI Number
- e. Hidden Valid & Genuine Text

#### **Uniqueness in the context**

- One of the State Universities in Uttar Pradesh to upload results of examination (Uploaded data 494615)
- Coding/ stapling and decoding/ de-stapling of all answer books (32 lakh)
- Very high rate of (95.5%) accuracy in feeding of results and declaration
- Availing e mark sheet to students
- Providing security features like anti scanning, anti photocopy, micro text, hidden logo, barcode & MSI number, and hidden valid & genuine text on the mark sheet/degree
- CCTV provided all across the rooms (evaluation centers)

#### **Limitations/Constraints in the process:**

- Lack of sufficient time between completion of exam and declaration of result
- Lengthy evaluation process and inviting external examiners
- Manual sorting of answer books (subject wise and year wise)
- Handling of large number of answer books (32 lakh)

#### **5. Evidence of Success**

Conducting exams in residential courses and 559 colleges, filling of examination forms by five lakh students, evaluation of 32 lakh answer books and timely declaration result with accuracy and transparency was a big challenge for the University. This challenge was encountered with help of online examination form fill up, centralized evaluation with strict adherence to time, coding and decoding of answer booklets, simultaneous feeding of marks and uploading results with e mark sheet. These steps have increased the efficiency and effectiveness of the process as is revealed from the following results:

- ✓ During the Annual Examination 2014-2015-Target for declaration of result was 30<sup>th</sup> June'2015, whereas all the results were declared on 25<sup>th</sup> June'2015.

It clearly indicates towards the increase in efficiency and effectiveness by the integration of examination and evaluation.

## **6. Problems Encountered and Resources Required**

### **Problems encountered in the process:**

- Opening online form for examination on time
- Evaluation of OMR sheets by holding one time scrutiny of Environmental Studies and Rastra Gaurav (compulsory paper in Graduation) papers lead to delay in declaration of results when external examiners make them available after reminder
- Conducting of practical exams and viva voce in time across the colleges

### **Resources required in the process:**

- Storage, sorting, evaluation and result feeding space to be under one roof
- Expert data entry operators
- Sufficient human resource for the manual work

## **7. For implementing Integrated Examination and Evaluation System**

- A Computer Data Centre to be placed permanently

### **Best Practice- II Extra-curricular**

#### **1. Title of the Practice**

**Shaping students to excel in sports and athletics activities at National Level**

#### **2. Objectives of the Practice**

The objectives of Sports are to:

1. Inculcate and enhance a sense of discipline and true sportsmen spirit in students of the University, that are essential for the full development of the personality
2. Promote health and fitness among the students
3. Promote, organize and conduct inter-collegiate inter zonal and all India inter university sports competitions
4. Provide excellent support, facilities and services to the students to assist them in their concurrent pursuit of academic and sporting goals.
5. Encourage good sportsperson to achieve high level performance.

#### **3. The Context**

Sports play a crucial and major role in shaping the character of a student. Not only sports keep students healthy and fit, it offers a great career too. Students studying in the colleges of rural area lack good sports facilities. This can lead to migration, drug addiction and other social complications. Therefore, VBS Purvanchal University has given an important emphasis on sports and games in their curriculum.

### **Objectives**

The main objective of the practice was to provide ample sport facilities in rural areas of the region and there by propelling rural talent to championship as well as giving them opportunity to excel in zonal and national sports teams. Out of 559 affiliated colleges scattered in five districts viz. Azamgarh, Mau, Gazipur, Allahabad and Jaunpur only few colleges have good sports facility. Five lakh students are enrolled in different UG and PG courses. So the centralized sports facility in the university provides opportunity for all the students to develop their sporting skills to a better level.

### **The major challenges are**

The University has 559 affiliated colleges scattered in five districts viz. Azamgarh, Mau, Gazipur, Allahabad and Jaunpur. Five lakh students are enrolled in different UG and PG courses. The colleges are in rural set up and the students are from rural population.

The major challenges in attracting students in different kinds of sports were

- Providing necessary facilities of games/sports to each college
- Conducting inter-collegiate inter zonal and all India inter university sports competitions in different colleges with less facilities available.
- Coaching and support to sportsperson pursuing individual games/sports which requires special coaching and costly equipments like gymnastics, archery and fencing.

## **4. The Practice**

The university is committed to provide students with the best possible opportunities to succeed in sports. The University offers organized sports activities that promote participation and socialization between groups and individuals enhance physical fitness and foster a spirit of fair play and sportsmanship.

Physical education and sports has been a very distinctive feature of VBS Purvanchal University right from its inception. The university has long been recognized as a leading sports University in the country. Every year the University organizes Annual Sports meet to encourage the students to participate in different games/sports like athletics, volleyball, basketball, badminton, etc.

The University has earned fame for organizing a good number of interuniversity competitions on regular basis given in the table below. It is the only state university in Uttar Pradesh which has successfully organized maximum number of All India/Zonal/Inter-university competitions.

**All India Inter University competition (eastern Region) events organized by All India University Association, New Delhi Hosted by VBS Purvanchal University, Jaunpur**

Session	Event Hosted
2011-12	Inter University (eastern region) Basket Ball- Female; Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; All India Inter University Hockey-Female
2012-13	Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Hockey- Male ; All India Inter University Hockey-Male
2013-14	Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Kabbaddi- Male; Inter University (eastern region) Kho-Kho- Male; Inter University (eastern region) Kho-Kho- Female; All India Inter University Cricket-Female
2014-15	Inter University (eastern region) Cricket- Female; Inter University (eastern region) Hockey- Female; Inter University (eastern region) Hand Ball- Male; Inter University (eastern region) Hand Ball- Female; All India Inter University Hockey-Feamle; All India Inter University Cricket-Male

**Inter Collegiate events organized by the University for affiliating Colleges**

Session	Event Hosted
2011-12	Basket Ball, Archery, Boxing, Judo, Lawn Tennis (male), Lawn Tennis (Female), Wrestling (male), Wrestling (female), Athlete (male), athlete (female), Sword competition, fancing, Taekwondo (male), Taekwondo (female),
2012-13	Basket Ball, Football (male), Judo, Lawn Tennis (male), Lawn Tennis, Wrestling

	(female), Athlete (male), Hockey (female), fencing, Shooting
<b>2013-14</b>	Lawn Tennis (male), handball (female), Shooting, Cricket (male), Cricket (female), Basketball (male), Wrestling (male), Wrestling (female), Boxing, Hockey (female), fencing, Weight lifting (male), Weight lifting (male)
<b>2014-15</b>	Handball ( male), Handball (female), Shooting, Cricket (male), Basketball (male), Basketball (female), Wrestling (male), Wrestling (female), Boxing, Hockey (female), fencing, Weight lifting (male), Weight lifting (male)

Besides organizing interuniversity competitions the University has produced a good number of sportsperson who secured positions in different events.

The University has adequate sports infrastructure of national/international level for sports like athletics, cricket and wrestling.

The University promotes participation of students in sports by providing regular coaching from highly qualified and experienced staff to create interest among students and prepare them to perform better at higher level. The University creates and enhances its infrastructure on a regular basis every year in order to meet changing needs of the sports environment.

**Limitations/Constraints in the process:**

The 559 colleges catering education to five lakh students affiliated to the University are spread in five adjoining districts. This territorial spread is a constraint in organizing events at various levels. Centralized conduct of activities is a limitation due to paucity of space in accommodating large number of teams. Moreover, decentralization of activities increases cost in form of logistics and providing arrangements in scattered locations.

**5. Evidence of Success**

Provide evidence of success such as performance against targets and benchmarks, review results. What do these results indicate? Describe in about 200 words.

**The University** has been a nursery of good sportspersons and players. The University has given the state as well as the country some of the outstanding sportsmen. Following is the list of players who represented the country in various sports/games.

## Achievements (Individual Round) in Eastern Region and All India Inter

### University events

Session	SN	Name of Individual	College Name	Events	Medal/Position
<b>2011-12</b>	1	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve 90 mtr)	Gold
	2	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve 50 mtr)	Gold
	3	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve Indian O. round)	Gold
	4	Avinash Kumar	Hindu PG College, Ghazipur	Archery (recurve 30 mtr)	Gold
	5	Harvendra Singh Dangar	TD PG College, Jaunpur	Hammer throw (with new record)	Gold
	6	Aarti Maurya	TD PG College, Jaunpur	Javelin throw	Silver
	7	Rekha Patel	Raja Harpal Singh PG College, Jaunpur	Athletic (5000 mtr)	Silver
	8	Jagveer	Raja Harpal Singh PG College, Jaunpur	Shotput	Bronze
	9	Sonam	Raja Harpal Singh PG College, Jaunpur	Hammer throw	Bronze
	10	Vikas Kumar Singh	Raja Harpal Singh PG College, Jaunpur	Janvelin throw	Bronze
	11	Yadvendra Yadav	TD PG College, Jaunpur	Triple jump	4 <sup>th</sup> Position
	12	Rajesh Pandey	TD PG College, Jaunpur	High Jump	5 <sup>th</sup> position
	13	Mamta Rai	TD PG College, Jaunpur	Athletic (1000 mtr)	5 <sup>th</sup> position
	14	Chandra Bhusan yadav	Sant Lakhan das College, Ghazipur	Wrestling (74 Kg)	5 <sup>th</sup> position

Sess ion	SN	Name of Individual	College Name	Events	Medal/Position
<b>2012-13</b>	1	Avinash Kumar	Hindu PG College, Ghazipur	Archery	Gold



2	Rajendra Bind	Handia PG Collge, Allhabad	Athletic (5000 mtr)	Gold
3	Kailash Nath Yadav	TD PG College, Jaunpur	Athletic (15000 mtr)	
4	Rajendra Bind	Handia PG Collge, Allhabad	Athletic (1000 mtr)	Gold
5	Arjun Yadav	Rajdeo Krishak College, Azamgarh	Wrestling (60 Kg)	Gold
6	Munna Yadav	Baba Ramtahal Das College, Azamgarh	Wrestling (66 Kg)	Silver
7	Daya Shankar Patel	PG Collge, Ghazipur	Athletic (walk)	Bronze
8	Ravindra Kumar	TD PG College, Jaunpur	Athletic (1000 mtr)	4 <sup>th</sup> position
9	Avdhesh Kumar	SHDCL, Jaunpur	Javelin throw	4 <sup>th</sup> position
10	Virendra Kumar	TD PG College,	Javelin throw	5 <sup>th</sup> position
11	Ashok Yadav	Rajdeo Krishak College, Azamgarh	Wrestling (55 Kg)	5 <sup>th</sup> position
12	Chandni Sachdeva	Suryabali College, Jaunpur	Wrestling (72 Kg)	5 <sup>th</sup> position
13	Rajendra Bind	Handia PG Collge, Allhabad	Crosscountry	6 <sup>th</sup> position

Session	SN	Name of Individual	College Name	Events	Medal/Position
2013-14	1	Deepak Yadav	TD PG College, Jaunpur	Weight Lifting (85 Kg)	Gold
	2	Sumit Makariya	PG Collge, Ghazipur	Gymnastic	Bronze
	3	Virendra Pal	Handia PG College, Allhabad	Athletic (1000 mtr)	Bronze
	4	Ravi Lathar	Md. Hassan PG College, Jaunpur	Boxing (91 Kg)	Bronze
	5	Arjun Yadav	Rajdeo Krishak College, Azamgarh	Wrestling (66 Kg)	Bronze

	6	Dharmveer Yadav	Suryabali College, Jaunpur	Wrestling (60 Kg)	Bronze
	7	Neeraj Yadav	Suryabali College, Jaunpur	Wrestling (55 Kg)	5 <sup>th</sup> position
	8	Shushama Yadav	Ramraji College, Azamgarh	Wrestling (51 Kg)	5 <sup>th</sup> position
	9	Heena Yadav	Ramraji College, Azamgarh	Wrestling (55 Kg)	5 <sup>th</sup> position
	10	Shalu Yadav	Kisan PG College, Ghazipur	Wrestling (67 Kg)	6 <sup>th</sup> position

Session	SN	Name of Individual	College Name	Events	Medal/Position
2014-15	1	Bharat Bhusan Tiwari	Sant Lakan Das College, Ghazipur	Weight Lifting (62 Kg)	Gold
	2	Virendra Kumar Pal	Handia PG College, Allahabad	Crosscountry	Gold
	3	Siddharth Verma	BBJDC, Azamgrh	Gymnastic	Gold
	4	Parul Chaudhary	PG College, Ghazipur	Staple chase	Gold
	5	Daya Shankar Patel	PG College, Ghazipur	20 Km walk	2 <sup>nd</sup> position
	6	Manoj Kumar Yadav	Sant Lakan Das College, Ghazipur	Weight Lifting (95 Kg)	Bronze
	7	Saurabh Sharma	BBJDC, Azamgarh	Gymnastic	Bronze
	8	Subhas Yadav	Harishchandra College, Ghazipur	Judo	Bronze
	9	Shailesh Yadav	Harishchandra College, Ghazipur	Judo	Bronze
	10	Ajay Yadav	Suryabali College, Jaunpur	Judo	Bronze
	11	Anil Kumar Singh	Handia PG College, Allahabad	Crosscountry	6 <sup>th</sup> position

**Achievements (Team Round) in Eastern Region and All India Inter University events**

<b>Sessio n</b>	<b>SN</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2011- 12</b>	1	Hockey- Female	Eastern region Inter University competition	1 <sup>st</sup> position
	2	Hockey- Female	All India Inter University competition participation	1 <sup>st</sup> position
	3	Cricket- Female	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	4	Badminton- Male	Eastern region Inter University competition  All India inter University competition participation	2 <sup>nd</sup> position
	5	Badminton- Female	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	6	Volleyball- Male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	7	Hockey- Male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	8	Basketball- Male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	9	Cricket- Male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	10	Basketball- Female	Eastern region Inter University competition  All India inter University competition participation	4 <sup>th</sup> position

<b>Sessio n</b>	<b>SN</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2012- 13</b>	1	Hockey- Female	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	2	Cricket- Male	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	3	Wrestling- Male	Eastern region Inter University competition  All India inter University competition participation	2 <sup>nd</sup> position
	4	Cricket- female	Eastern region Inter University competition  All India inter University competition participation	2 <sup>nd</sup> position
	5	Hockey- Female	Eastern region Inter University competition  All India inter University competition participation	2 <sup>nd</sup> position
	6	Handball- male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	7	Handball- Female	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	8	Volleyball- Male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	9	Basketball- Male	Eastern region Inter University competition  All India inter University competition participation	3 <sup>rd</sup> position
	10	Badminton- Female	Eastern region Inter University competition  All India inter University competition participation	4 <sup>th</sup> position

<b>Sessio n</b>	<b>SN</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2013- 14</b>	1	Cricket- Female	All India inter University competition	1 <sup>st</sup> position
	2	Hockey- Male	All India inter University competition	2 <sup>nd</sup> position
	3	Hockey- Female	Eastern region Inter University competition	1 <sup>st</sup> position
	4	Kho-kho- female	Eastern region Inter University competition	1 <sup>st</sup> position
	5	Kabaddi- Male	Eastern region Inter University competition	1 <sup>st</sup> position
	6	Kho-kho- Male	Eastern region Inter University competition	2 <sup>nd</sup> position
	7	Handball- Male	Eastern region Inter University competition	2 <sup>nd</sup> position
	8	Basketball- female	Eastern region Inter University competition	3 <sup>rd</sup> position

<b>Sessio n</b>	<b>SN</b>	<b>Event</b>	<b>Competition</b>	<b>Position</b>
<b>2014- 15</b>	1	Cricket- Male	All India inter University competition participation	1 <sup>st</sup> position
	2	Cricket- Female	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	3	Hockey- Female	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	4	Volleyball- Female	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	5	Handball- male	Eastern region Inter University competition  All India inter University competition participation	1 <sup>st</sup> position
	6	Hockey- Male	Eastern region Inter University competition  All India inter University competition	2 <sup>nd</sup> position

			participation	
7	Volleyball- Male	Eastern region Inter University competition All India inter University competition participation		2 <sup>nd</sup> position
8	Lawn Tennis- Female	Eastern region Inter University competition All India inter University competition participation		2 <sup>nd</sup> position
9	Badminton- Male & Female	Eastern region Inter University competition All India inter University competition participation		3 <sup>rd</sup> position
10	Kho-kho- Male	Eastern region Inter University competition All India inter University competition participation		4 <sup>th</sup> position
11	Kho-kho- Female	Eastern region Inter University competition All India inter University competition participation		4 <sup>th</sup> position
12	Handball- Female	Eastern region Inter University competition All India inter University competition participation		4 <sup>th</sup> position
13	Basketball- male	Eastern region Inter University competition All India inter University competition participation		4 <sup>th</sup> position

In addition to the above, University men cricket team was among one of the eight top University teams, who participated in the prestigious Toyota University Cricket Championship [TUCC, an initiative take by NDTV & Ministry of HRD, and backed by the Association of Indian Universities and Board of Cricket Control in India (BCCI) to encourage cricket at University level] in February-March 2013.

#### **6. Problems Encountered and Resources Required**

Large number of teams from all over India participates in the Zonal and National level competitions. Hence, scheduling the annual calendar for the activities along with the schedule of Association of Indian Universities, and paucity of space for organizing the events and accommodation for the teams participating are the main problems encountered in the process. To meet the requirements, at times the activities are decentralized in other colleges of the five districts.

## Resources

The University charges Rs.24/- per student per year pooled together in an exclusive fund being managed and operated by Registrar and Finance Officer of the University under supervision of Sports Committee chaired by senior most Principal of the college affiliated to the University.

### 7. Information that may be relevant for adopting/ implementing the Best Practice in other institutions:

To adopt this as best practice, an institution needs to:

- ✓ Organize training camps for boys and girls
- ✓ Inviting professional trained coaches from State and National bodies and Association of Indian Universities (AIU) for fair judgement
- ✓ Regular update and modernization of infrastructure
- ✓ University Ordinance to provide for constituting a separate body for Sports
- ✓ Separate budget allocation for sports activities
- ✓ Addition of other colleges in the district for holding activities in rural areas also
- ✓ Offering cash and incentives to winners
- ✓ Hosting “Sports Day” programme in Rajbhawan by the Chancellor

#### Some other innovative practices are:

- **Bapu Bazar – Best practice of NSS:** To serve the economically deprived class, VBS Purvanchal University came up with the unique concept of ‘Bapu Bazar’. Under this concept, the NSS volunteers from the University collect old things like clothes, footwear, utensils, toys, etc. from affluent people (that are no more used by them). The volunteers clean and arrange these things to be sold in stalls organized in one of the University College premises located in rural area. In these stalls the items are sold in a minimum price ie. Rs.2.00 to Rs.10.00.

The objective behind the act is to restore feeling of self pride among the economically deprived people by buying these items instead of getting it as alms from the affluent people. People in rural region await Bapu Bazar and visit these stalls in large numbers.

- **Book Bank – Best Practice of Central Library:** Library has a Book Bank facility, which is very much helpful in fulfilling student’s requirement of prescribed books. Our University caters to the education need of rural mass in five districts of eastern U.P. Most of the students belong to needy family and can’t effort purchase of books

for their study. Therefore, the university took initiative to provide all prescribed books for all students in each semester. Hence, the main objectives of book bank are

- To get all books according to syllabus at the beginning of semester
  - To easy availability at the time of study
  - To save time of issue return from the library
  - To available costly books in nominal charge (only Rs.100/=)/ semester
  - To provide the hassle free service from overdue charges/ late fine
- (PG students are going to be offered book bank facility)



## D. EVALUATIVE REPORTS OF THE UNIVERSITY TEACHING DEPARTMENTS

### FACULTY OF SCIENCE

#### DEPARTMENT OF BIOTECHNOLOGY

1. **Name of the Department** : Biotechnology
2. **Year of establishment:** 1999
3. **Is the Department part of a School/Faculty of the University?:** Yes, Department of Science Faculty
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)** : M. Sc., Ph. D.
5. **Interdisciplinary programmes and departments involved:** NA
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : NA
7. **Details of programmes discontinued, if any, with reasons** : NA
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System** : Semester system
9. **Participation of the department in the courses offered by other departments:** Shared teaching with Applied Biochemistry and Applied Microbiology departments.
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	One	One	One
Associate Professors	Two	Two	Two
Asst. Professors	Four	Four	Two
Others			1 Guest Faculty

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr D D Dubey	M Sc, Ph. D	Professor	Molecular Biology	39	4 Ph.D.
Dr Vandana Rai	M Sc, Ph. D	Associate Professor	Human Molecular Genetics	16	4 Ph.D.
Dr Ram Naraian	M Sc, Ph.D	Associate Professor	Microbiology	12	2 Ph.D. students in course work
Dr Rajesh Sharma	M Sc, Ph.D	Assistant Professor	Bioprocess Technology	16	2 Ph.D. students in course work, 1 M. Phil. 1 Ph.D.
DrPradeep Kumar	M Sc, Ph.D	Assistant Professor	Medical Biotechnology	16	Nil

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** NA
13. **Percentage of classes taken by temporary faculty:** 20
14. **Programme-wise Student Teacher Ratio:** 8:1 (7:1 with one guest faculty)
15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:** Three
16. **Research thrust areas as recognized by major funding agencies:**
  - Molecular biology
  - Human Molecular Genetics

- Medical Biotechnology
- Microbiology.

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:**

Total grants received.: Rs 214.366 lakh  
Grant received during past four years: Rs. 120.7 lakh

S. No	Project Title	Funding Agency	Duration	Amount
1	Molecular study of fragile X-syndrome in UP population. (PI: V. Rai).	DST	2009-2012	20.22
2	Molecular study of Genetic modifiers of beta-Thalassemia in eastern UP population. (PI: V. Rai)	CSIR	2009-2012	17.00
3	Functional analyses of a late replication enforcing element in chromosome II of fission yeast. (PI: DD Dubey).	CSIR	2010-2014	22.18
4	Identification of DNA replication origins and origin binding proteins of the human pathogen, <i>Candida albicans</i> . (PI: DD Dubey).	DBT	2011-2014	28.0
5	Study of genetic polymorphism of RBC enzymes and antigens in eastern UP population. (PI: P Kumar).	UGC	2011-2013	1.7
6	Molecular study of ACE I/D mutation as risk factor for cardiovascular disease in eastern U.P. population. (PI: V. Rai).	UGC	2012-2015	9.25
7	Evaluation of laccase gene expression with response to various supplements during fermentation of corn cob by white rot fungus <i>Pleurotus florida</i> . (PI: R. Naraian).	UGC	2012-2015	10.35
8	Purification and molecular characterization of mushroom growth promoting bacteria for development of bioinoculants. (PI: R. Naraian)	DST	2012-2015	12.00
<b>Total</b>				<b>120.7</b>

**18. Inter-institutional collaborative projects and associated grants received**

a) National collaboration b) International collaboration : Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.:**

- DST-FIST: Rs. 43.5 lac
- UGC: 12 lac

**20. Research facility / Centre with : Nil**

- state recognition
- national recognition: DST-FIST
- international recognition:

**21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil**

**22. Publications:**

- Number of papers published in peer reviewed journals (national / international) : 111

- Monographs: Nil
- Chapters in Books:

Total: 26  
Last four years: 14

- Edited Books :

Total: Three  
Last four years: Two

- Books with ISBN with details of publishers
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

- **Citation Index – range / average**
  - Range= 0-334
  - Total = 1451
  - Average =13.07
- SNIP
- SJR

Name of Faculty	Journals Name
Prof D D Dubey	<ul style="list-style-type: none"> <li>▪ International Journal of Advanced Biotechnology Research (<a href="http://www.i-scholar.in">www.i-scholar.in</a>)</li> <li>▪ IJMG</li> <li>▪ IJGEB</li> <li>▪ Dev. Microbiol. &amp; Molbiol.</li> <li>▪ Int. J. Biotechnol. &amp; Bioeng. Res.</li> <li>▪ Int J Agr Food Sci&amp; Technol.</li> <li>▪ Global J Appl. Agr. Res.</li> </ul>
Dr Vandana Rai	<ul style="list-style-type: none"> <li>▪ International Journal of Life Science and Pharma Review (<a href="http://www.ijlpr.com">www.ijlpr.com</a>)</li> <li>▪ Asian journal of Medical Sciences</li> <li>▪ International Journal of Pharmaceutical and Chemical Sciences (<a href="http://www.ijpcsonline.com">www.ijpcsonline.com</a>)</li> <li>▪ American Journal of Biomedical Research (<a href="http://www.sciepub.com">www.sciepub.com</a>)</li> <li>▪ International Biological and Biomedical Journal (<a href="http://www.ibbl.org">www.ibbl.org</a>)</li> <li>▪ Aperito Journal of Biotechnology and Biomaterials: Recent Trends (<a href="http://www.aperito.org">www.aperito.org</a>)</li> </ul>
Dr Ram Naraiian	<ul style="list-style-type: none"> <li>▪ Micrbioz journal</li> <li>▪ Bioengineering and Bioscience</li> </ul>

- \* **Impact Factor – range / average:**
  - Range = 0-10.798
  - Total = 132.73
  - Average= 1.196

\* **h-index = 29**

**23. Details of patents and income generated: Nil**

**24. Areas of consultancy and income generated: Nil**

**25. Faculty selected nationally/internationally to visit other laboratories / institutions / industries in India and abroad :**

- Pradeep Kumar (2002) Summer Teacher Fellow in JNU, New Delhi, Indian Academy of Sciences, Bangalore.
- DD Dubey (2008, 2009) Visiting Fellow, JNCASR, Bangalore.

**26. Faculty serving in**

**a) National committees b) International committees c) Editorial Boards d) any other (please specify):**

- Prof D D Dubey is member of Editorial board of 7 journals
- Dr Vandana Rai is member of Editorial board of 6 journals
- Dr Ram Narain is member of Editorial board of 3 journals

**27. Faculty recharging strategies (UGC-ASC, Refresher / orientation programs, workshops, training programs and similar programs):**

- Refresher/Orientation programs (organized by UGC-ASC) attended by faculty  
Total = 10  
Last four years = 2
- Workshop, Training programs attended by faculty  
Total = 33  
Last four years = 14

**28. Student projects**

- **percentage of students who have done in-house projects including inter-departmental projects: 15%**

- percentage of students doing projects in collaboration with other universities / industry / institute: 85%

#### Project Report Details of Past Two Years

Session	Name of the student	Title of the project	Name of the institution	Supervisor's Name
2014-2015	Megha Shree	Expression Profiling of Prolactin Induced Long Intergenic Noncoding RNA(Linc RNA) from Mouse Mammary Epithelial Stem Cells	Department of Animal Biology, School of Life Sciences, University of Hyderabad, AndhraPradesh	Dr Sreenivasulu Kurukuti
	Debayan Majumdar	Exploring the interactome of Rab22A by Yeast two hybrid library screening	Department of microbiology& Cell Biology(MCB), Indian Institute of Science, Bangalore, Karanatak	Dr G Subba Rao
	Deepika	Identification of HPIP interaction proteins by a genetic approach	Department of Biochemistry, School of Life Sciences, University of Hyderabad, AndhraPradesh	Dr Bramanandam Manavati
	Divya Mishra	Characterization of Pepper vein banding virus(PVBV) encoded non-structural proteins	Department of Biochemistry, Indian Institute of Science, Bangalore, Karanatak	Prof H S Savithri
	Jyotsna Sharma	Cloning, Expression, purification and binding studies of microtubule AFFINITY REGULATING KINASE4	CIRBSc, Jamia Millia Islamia, New Delhi	Dr M I Hassan
2013-2014	Priyanka Dubey	Purification and antibody generation of replication initiator protein (Dna A) of Helicobacter pylori	Special Centre for Molecular medicine, JNU, New Delhi	Pro Suman Dhar
	Vartika Anand	Delivery of Fluorescent mannose-terminated Paman Dendromer in to Macrophages via Mannose Receptor	National Institute of Immunology, Aruna Asif Ali Marg, New Delhi-110067	Dr P Sahai
	Mridula Chaturvedi	Myloid b-stimulates platelet activation through Rho A	Department of Biochemistry, Institute of Medical Sciences, Banaras Hindu University, Varanasi	Dr D Dash

#### 29. Awards / recognitions received at the national and international level by

- Faculty:**

- \* DDDubey: John E Fogarty International Fellowship (1988-90); Visiting Fellow, JNCASR, Bangalore (1998-99)
- \* Pradeep Kumar: Summer Teacher Fellowship of Indian Academy of Sciences (2002)

- Doctoral / post doctoral fellows:**

- Students:**

Total=01 Shyama Prasad Mukherjee Award, 10 IAS Summer Fellowship  
Last four years= 7 IAS Summer Fellowship

#### 30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Total Conference/Seminar/Workshop organized= 5  
Last four years = 2

- Organized two days National Conference on "Biotechnology and Human welfare: New Vistas" March 21-22,2015, VBS Purvanchal University, Jaunpur (sponsored by ICMR & DST)

#### List of Invited Speakers:

<b>Name</b>	<b>Address</b>	<b>Title</b>
Dr. Lalji Singh	Bhatnagar Fellow (CSIR) and former Director, CCMB, Hyderabad	Genetic diversity in Indian populations and its health implications.
Prof Rajiva Raman	Cytogenetics Laboratory, Department of Zoology, Banaras Hindu University, Varanasi	Geographically Restricted distribution of Sickle Cell Disease in India: Geographical Barrier or Genetic Heterogeneity
Dr Rakesh K Mishra	Center for Cellular and Molecular Biology, Uppal Road, Hyderabad	Genomic packaging, chromatin domain boundaries and epigenetic regulation of genes
Prof Saroj Mishra	Department of Biochemical Engineering and Biotechnology Indian Institute of Technology Delhi, Hauz-Khas, New-Delhi	Degradation of reactive dyes by engineered laccase from <i>Cyathobulleri</i>
Prof Shubh Rao Phadke	Department of Urology and Renal Transplantation, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Raebareli Road, Lucknow	Prenatal Diagnosis
Prof S Ganesh	Indian Institute of Technology, Kanpur	Molecular basis of locus heterogeneity in Lafora disease
Dr Dwaipayan Bharadwaj	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Type 2 Diabetes susceptibility and the 'Cursed' genes
Dr D. Kar Chowdhuri	CSIR-Indian Institute of Toxicology Research, Mahatma Gandhi Marg Lucknow	Smaller organisms, bigger roles: Relevance to environmental and human health
Prof Gopeshwar Narayan	Cancer Genetics Laboratory, Department of Molecular and Human Genetics, Banaras Hindu University, Varanasi	Role of CXCR4 signaling in cervical cancer progression and metastases
Dr Bhupendra N Singh.	Principal Scientist, Division of Microbiology, CSIR-Central Drug Research Institute, Lucknow	Decoding transcriptional regulatory circuits of FAS-II elongation pathway in mycobacteria
Dr Shantanu Sengupta	CSIR-Institute of Genomics and Integrative Biology, New Delhi	Identification of potential markers for coronary heart disease (CAD): Integrating proteomics and metabolomics approach
Prof Santosh Kumar Dubey	Department of Microbiology, Goa University Taleigao Plateau, Goa	Fate of Organotin Biocide, TBTCI in Marine Environment
Prof Kavita Shah	Institute of Environment and Sustainable Development Banaras Hindu University Varanasi	Understanding enigmas in adaptation biology using bioinformatics tools
Dr U. D. Gupta	Deputy Director (SG) NJIL&OMD, Tajganj, Agra	Efficacy of Moxifloxacin and Econazole against MDR-TB strains in murine model
Prof Dinesh Yadav	Department of Biotechnology D.D.U Gorakhpur University, Gorakhpur	Genomics and bioinformatics perspectives of DOF (DNA binding with one finger transcription factor gene family)
Prof S. Mehrotra	Department of Biochemistry, University of Lucknow, Lucknow	Intellectual Property Rights (IPR): a Tool for Industrial and technological

		development
ProfMithileshKumar	Director Research RajendraAgriculturalUniversity Pusa, Samastipur, Bihar	Challenges in CropImprovement : Biotechnolicalinterventions
GopalNath	Institute of Medical Sciences, Banaras Hindu University, Varanasi	Phage Therapy
DeepankarPratap Singh	FMI, Basel, Switzerland	Genome-defence small RNAs exapted for epigenetic mating-type inheritance

6. Organized two days National Conference on “Frontiers in Biological Sciences” December 4-5, 2011
7. “Hands on training in Cell and Molecular Biology techniques for college teachers” Department of Biotechnology, VBS Purvanchal University, December 21, 2009 to January 2, 2009. (UGC, CSIR, INSA).
8. Sensitization/ awareness workshop on intellectual property rights and patents, sponsored by DST, UP, March, 2004.
9. ‘Entrepreneurship and Skill Development Programme in Biotechnology’, 27 March, 2008-24 April, 2008, sponsored by Micro, Small and Medium Enterprises Development Institute, Allahabad. Organized with the Department of Business Administration, VBS Purvanchal University, Jaunpur.

31. **Code of ethics for research followed by the departments:** Yes

All research involving use of material relating to human subjects is approved by the **Institutional Ethics Committee** constituted by the University.

32. **Student profile program-wise:**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
PhD (2015)*	24				
M Sc 2016	260	12	08		
M Sc 2015	226	11	09		
2014	118	15	05		
2013		09	07	77%	100%
2012		08	08	100%	100%
2011		09	07	100%	100%

33. **Diversity of students:**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M Sc.	75	20	5	None
PhD	80	13	7	

34. **How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. take from :**

	2006	2007	2008	2009	2010	2011	2012	2013
<b>No. of Students</b>	NET : 2	NET: 6	NET: 5	NET: 1	NET: 2	NET: 2	NET: 2	NET: 1

UGC-CSIR-NET: 5, ICMR JRF 1 (2015)

Gate: 1

**35. Student progression:**

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	30%
Ph.D. to Post-Doctoral	20%
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same university	20%
from other universities within the State	80%
from universities from other States	20%
from universities outside the country	Nil

37. **Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:** two

**38. Present details of departmental infrastructural facilities with regard to**

a) **Library:** Yes

b) **Internet facilities for staff and students:** Yes

c) **Total number of class rooms:** Two

d) **Class rooms with ICT facility:** Two

e) **Students' laboratories:** 03

- M Sc. Laboratory
- Central Instrument Laboratory
- Bioinformatics Laboratory

f) **Research laboratories:** Four

- Molecular Biology Laboratory
- Human Molecular Genetics Laboratory
- Mushroom Research Laboratory
- Bioprocessing laboratory

**39. List of doctoral, post-doctoral students and Research Associates**

a) **from the host institution/university:**

Mr. Yashwant Patel

Mr. UpendraYadav

Mr. SushilYadav (Thesis submitted)

Mr. Vishnu PrakashTripathi (Thesis submitted)

b) **from other institutions/universities:** Miss Sreedevi Padmanabhan (Thesis submitted)

**Number of post graduate students getting financial assistance from the University. :** Nil

40. **Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology:** Nil

**41. Does the department obtain feedback from**

a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** YES (BOS and informally)

a) **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** YES

- Every year department circulates a feedback form (five scale rating form) to outgoing students. The feedback obtained from the students is analyzed thoroughly and respective teacher makes improvements accordingly.
- Remedial classes are organized for students.
- Passing out Students' (IV<sup>th</sup> semester) feedback on the curriculum is considered in Board of studies while updating the syllabus.

b. **Alumni and employers on the programmes offered and how does the department utilize the feedback?** Nil

42. **List the distinguished alumni of the department (maximum 10):**

<b>Name</b>	<b>Address</b>
Dr Vidisha Tripathi	Scientist D National Centre for Cell Science Pune, Maharashtra
Dr Anil Kumar Singh	Scientist CSIR-North East Centre for Science & Technology Jorhat, Assam
Dr Anand Krishna Tiwari	Assistant Professor Developmental Biology Laboratory School of Biological Science and Biotechnology Indian Institute of Advanced Research Koba, Gandhinagar-382007 Gujarat
Dr Jyoti Srivastava	Assistant Professor Department of Bioscience and Biotechnology Banasthali university Banasthali Vidyapeeth PO Banasthali Vidyapeeth Rajasthan-304022
Dr Maqusood Ahmad	Assistant Professor King Abdullah Institute for Nanotechnology King Saud University BOX2454 Riyadh Saudi Arabia e-mail:mamamed@ksu.edu.sa
Dr Prashant Singh	Asstt. Director, Genomics Shared Resource Roswell Park Cancer Institute Buffalo, NY 14263
Dr Gyaneshwar Chaubey	Senior Scientist Estonia Biocentre, Riia23 Tartu, Estonia 51010 e.mail:gyanc@ebc.ee
Dr Adnan Kausar	Assistant Professor University of Hail Hail City Province population:526882 Campuses Hail, Baqa Saudi Arabia
Dr Pawan Dubey	Assistant Professor Centre for Genetic Disorder BHU, Varanasi

43. **Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

On an average about 20 lectures are delivered by the eminent academicians in a session in the department. The details of some of the distinguished visitors are as follows-

**(Experts from abroad)**

Dr. Maqusood Ahamed, King Abdullah Institute for Nanotechnology, King Saud University, BOX 2454, Riyadh 11451, Kingdom of Saudi Arabia. August 13, 2016.

- Dr Vijay Kumar Singh, NHL-BFM Study Centre, Deptt of Pediatric Hematology/oncology, Justus-Liebig. University Giessen, Germany, Feulgenstrabe12,35392 Giessen, Germany
- Mr Rahul Mishra, Section-Genoique Fonctionnelle, Department de Biologie, Ecole normale superieure, Paris-75005
- Dr Gyaneshwer Chaubey, Senior Scientist, Estonia Biocentre, Tartu, Estonia



- Dr Prashant Kumar Singh, Department of Pharmacology & Therapeutics, Roswell Park Cancer Institute, Elm and Carlton Streets, Buffalo, NY14263.
- Prof. Narsingh Bahdur Singh, Deptt of Chemistry& Biochemistry, University of Maryland, Baltimore, USA
- Prof. Saroj K. Mishra, University of Houston Clear Lake, Houston, Texas. Email – [profskmishra@yahoo.com](mailto:profskmishra@yahoo.com) , Phone- 0018328601394.

#### **2012 (Experts from India)**

- Prof Jagat Kumar Roy, Department of Zoology, Banaras Hindu University, Varanasi
- Dr Debpratim Kar Chowdhari, Chief Scientists (Sci. G), Indian Institute of Toxicological Research, Lucknow
- Dr Anand K Tiwari, Assistant Professor, Developmental biology Laboratory, School of Biological Sciences and Biotechnology, Indian Institute of Advanced Research, Koba, Advanced Gandhinagar, Gujarat
- Mr Anuj Kumar Maurya, Executive Quality Assurance, Zeidus Cadila Health Care Limited, Vadodara, Gujarat
- Dr. Kirti Singh, Ex-VC, NDUAT, Kuamrganj, Faizabad & HPAU, Palampur, Near T.D. College, Jaunpur.
- Prof. Rajeev Raman, Department of Zoology, BHU, Varanasi
- Prof. D.P. Singh, Department of Environmental Science, BBA University Lucknow.
- Dr. U.D. Gupta, Deputy Director, Institute of Leprosy, JALMA, Agra.
- Prof. NandLal, Department of Life Science, CSJM University, Kanpur
- National Conference on "Biotechnology and Human welfare: New Vistas" March 21-22,2015, VBS Purvanchal University, Jaunpur (sponsored by ICMR & DST)
- National Conference on “Frontiers in Biological Sciences” at Department of Biotechnology, Faculty of Science VBS Purvanchal University, Jaunpur, India. December 4-5, 2011. The conference was funded by UGC, New Delhi.
- Sensitization/ awareness workshop on intellectual property rights and patents, sponsored by DST, UP, March, 2004.
- ‘Entrepreneurship and Skill Development Programme in Biotechnology’, 27 March, 2008-24 April, 2008, sponsored by Micro, Small and Medium Enterprises Development Institute, Allahabad. Organized with the Department of Business Administration, VBS Purvanchal University, Jaunpur.

#### **44. List the teaching methods adopted by the faculty for different programmes:**

The teaching methods include lectures, practical and seminars.

- **Lecture** (blackboard teaching, powerpoint & multimedia presentation, handsout etc)
- **Practical** (routine practical and tutorials, movies )
- **Seminar** (students seminar, presentations from eminent scientists from India and abroad)
- **Others** (Tests, Assignments, Quiz, group discussion and extension activities)

**45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- The department conducts internal examinations / Seminars/Assignments to monitor the learning potential of students.
- From the student's feedback (assessment) in addition to External BOS experts.
- To ensure the accomplishment of the programme objectives the following methodology is adapted-
  - Standard techniques of teaching and experiments.
  - Interactive class to monitor the satisfaction of the students.
  - Regular quiz/sessional tests/ group discussion
  - Ultimately the outcome is monitored by the success rate of students in competitive examination like JRF/NET/GATE/SLET etc. and placement of students within country and abroad.

**46. Highlight the participation of students and faculty in extension activities.**

- (i) Mushroom training
- (ii) Awareness of environment protection, and
- (iii) Awareness of genetic disorder/congenital defects and importance of folic acid in prevention of birth defects and psychiatric disorders.

Mushroom Production Training and Research Centre' has been established under UGC XI Plan, as an extension activity of the Department of Biotechnology to provide training to adjoining rural farmers, women, youth and weaker section of society. The Centre has started giving training to local farmers for mushroom production and self employment generation. Time to time department also organizes genetic disorder/congenital defects awareness campaigns for rural population to familiarize local mass with genetic disorders and related diseases.

Faculty members and students are constantly participating enthusiastically at each occasion of extension activity by interacting with local peoples.

**47. Give details of "beyond syllabus scholarly activities" of the department:**

- Students Seminar
- Students of the department actively participates in extracurricular activities such as inter departmental cultural and sports activities, NSS and local NGOs.
- Webinars

**48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details : No**

**49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:**

Over the years, biotechnology programme at VBSP University has established itself as a leading academic centre both from the teaching and research point of view. The Department is internationally recognized for its contribution to basic and applied research, and accordingly many central/state agencies have generously funded ad hoc research projects. Biotechnology education programme was initiated with an impetus to generate a work force that could turn into a substantially trained pool to meet the country's demands.

The laboratory of DD Dubey has mapped 3 new origins in a 75-kb region of chromosome 2 of the fission yeast, *Schizosaccharomyces pombe*. They have also tested the activity of a late replication enforcing sequence element on chromosome 2 and found that a 133-bp sequence is sufficient to enforce late replication timing of adjacent chromosomal regions in orientation- and location-independent manner. In collaboration with Dr. Kaustuv Sanyal of Jawaharlal Nehru Centre for Advanced Scientific Research, we have shown the role of chromosomal origins in establishing centromeres in the human pathogen, *Candida albicans*. Three ORC genes have been cloned and expressed in *E. coli*.

The Human Molecular Genetics Laboratory is actively engaged in determining the frequency of allelic variants of some disease susceptibility genes like MTHFR, MTRR, CBS, ACE etc (such as down syndrome, neural tube defects, diabetes, hypertension, psychaitric disorders and cancer) that is published in peer reviewed international journals

Dr. Ram Naraian's laboratory has discovered two new mushroom-growth-promoting rhizobial bacteria species and deposited the requisite information in NCBI data base.

**50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. Strengths-**

- Better student-teacher ratio
- Using modern teaching and interaction methods
- Interaction of students with distinguished subject experts
- Doing well in research (evident by publications in reputed Journals by faculties)
- Curriculum updated every year in BOS
- Developed course work for Ph. D. Students
- Ready to implement CBCS from 2016 session
- Impressive Alumni

#### **Weakness-**

- Rural set up (university situated in rural area)
- Lack of 24 hrs power and supply and backup and water supply
- The cumbersome and time consuming procedures (red-tapism) make it extremely difficult to maintain the laboratories and the department
- Lack of financial and administrative autonomy
- No appointments in place of retired/moved teachers.
- Placement of Students

#### **Opportunities and Challenges-**

- The department is in the university campus which is amidst of villages in a very remote area. Hence, it is the duty of the department to transfer low cost viable technology to the farmers, women and unemployed youth to improve their socio-economic conditions. The department should address the problems of local people. These are the some of the challenges which should be taken into account and come out with solution.
- Extension activities such as organizing awareness programmes on genetic disorders, congenital /birth defects, psychiatric disorders, diabetes cardiovascular diseases and cancer.
- The department has already working in this direction and organized three workshop cum training programme for local farmers, women and unemployed youth for mushroom cultivation. This is an excellent activity outreach activity of the department which can provide income and employment generation to uplift the economic condition, provide nutritive food to fight the malnutrition and malnutrition related diseases and death.
- Interdisciplinary research with departments of Pharmacy, Biochemistry, Microbiology and Environmental Sciences both within and outside the University

#### **51. Future plans of the department:** Ready to implement Choice Based Credit System (CBCS) in M Sc. Biotechnology programme

Dr V. Rai is running PCR based screening programme to detect the alpha and beta-globin gene mutations in Hemoglobinopathies, Thalassemia patients. She is also screening Neural Tube Defects, Down syndrome, Schizophrenia, hypertension and type II diabetes patients of eastern UP population for MTHFR, MTRR, MTR, C $\square$ S, RFC gene variants. In addition fragile X syndrome screening is also carried out in mental retardation patients of Eastern UP. In future along with molecular screening of allelic variants, Dr Rai's group will also conduct awareness campaign to aware the rural population about congenital/birth defects, genetic disorders, psychiatric disorders and about the importance of folic acid. Since the primary prevention of the dreaded genetic disorder is possible by carrier detection in high-risk communities and genetic counseling. This kind of study will be very useful in preventing the birth of children affected with genetic disorder or birth defects.

Dr. Ram Naraiyan is working on mushrooms biotechnology for selection, strain improvement, biodiversity studies and biodegradation of lignocellulosic wastes by enzymes secreted by oyster mushrooms. The work is also in progress for the bioconversion and biodegradation of lignocellulosic wastes for food, feed, fodder and energy. Dr. Ram Naraiyan is looking into the induction and quantification of differential expression in laccase and Mn-Peroxidase genes especially in white-rot basidiomycete fungi (*Pleurotus* spp.).

At present all five faculty members are deeply engaged in research work in spite of a ban on PhD admissions for the last several years. It is anticipated that they all will enrich the research activities of the department by introducing new areas as well as supplementing the activities in existing areas. During next five years it is also expected for our better outcomes in research and teaching programmes.

## DEPARTMENT OF MICROBIOLOGY

1. Name of the Department : **Microbiology**
2. Year of establishment : **2002**
3. Is the Department part of school/ Faculty of the university: **Yes**
4. Name of programmes offered (UG, PG, M.Phil., Ph.D., integrated masters; integrated Ph.D., D.Sc. D.Lit. etc.): **M.Sc.**
5. Interdisciplinary programmes and department involved: **Department of Biochemistry and Biotechnology involved in teaching programme.**
6. Courses collaboration with other universities, industries, foreign institution etc. **No**
7. Details of programmes discontinued, if any, with reasoned: **No**
8. Examination system: **Semester**
9. Participation of department in the courses offered by other departments: **Yes**
10. No. of teaching post sanctioned, filled and actual (Professor/ Associate Professor/ Assistant Professor/others)

	Sanctioned	Filled	Actual (including CAS& MPS)
Professor	Nil	Nil	Nil
Associate Professor	01	01	01
Assistant Professor	02	01	01
Others	Nil	01	01 Guest Faculty

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of year of experience	No. of Ph.D./ M.Phil. student Guided for the last 4 years
Dr.S.P.Tiwari	Ph.D. (NET)	Reader (Contract)	Agriculture Microbiology, Physiology & Genetics of cyanobacteria.	10 (5 Yrs years doctoral & 4 years Post-doctoral Research and 10 Yrs of Teaching at PG Level& 4.3 Yrs at UG Level	M Phil 01
Mr. Rishi Srivastava	M. Sc. (NET)	Lecturer (Contract)	General Microbiology & Immunology	5 Years at PG Level	NIL-

12. List of senior visiting fellows, adjunct faculty, emeritus Professors.  
Prof. D. D. Dubey, Deptt. Of Biotechnology, VBS Purvanchal University  
Dr. Rajesh Sharma, Deptt. Of Biotechnology, VBS Purvanchal University
13. Percentage of Class taken by temporary faculty-programme-wise information: **M. Sc. (NET): 100%**
14. Programme-wise student teacher ratio 1:13
15. No. of academic support staff (technical) and administrative staff; sanctioned, filled and actual

	Sanctioned	Filled	Actual (including CAS& MPS)
support staff (technical)	nil	nil	-
administrative staff	nil	02 from University	-

16. Research thrust area as recognized by funding agencies **NO**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and C) total grant received. Give name of funding agencies, project titles and grant receive project-wise.  
**NO**
18. Inter-institutional collaborative projects and associated grants received  
a) National b) international **NO**
19. Departmental projects funded by DST-FIST; UGC-SAP/ CAS, DPE; DBT, ICSSR, AICT, etc., total grant received. **NO**
20. Research facility/ Center with  
State recognition  
National recognition: **National**

International recognition

21. Special research laboratory sponsored by/ created by industry or corporate bodies **NO**

22. Publications; **SP Tiwari**

- Number of paper published in peer reviewed journals (National/ international)

**National 10**

**Conference Proceedings 03**

**International 03**

1. RK Singh, S Upadhyay, **SP Tiwari**, AK Rai and TM Mohapatra (2010) Screening of cyanobacterial extracts against bacteria causing nosocomial infections. **Journal of Pharmacy Research(1.09)**. 3(9): 2093-2096.
2. Singh RK, Pandey A, Pandey R and **Tiwari SP** (2010) Microbial Evaluation of local water bodies of District Jaunpur. **Pollution Research**. 29(2): 365-370.
3. Singh RK, **Tiwari SP**, Rai AK & Mohapatra TM (2011) Cyanobacteria: an emerging for drug Discovery. **Journal of Antibiotics (1.65)** 64: 401-412.
4. Sharma NK, **Tiwari SP**, Tripathi KN & Rai AK (2011) Sustainability and cyanobacteria: facts and challenges. **Journal of Applied Phycology (0.98)**. 23 (6): 1059-1081.
5. Singh RK, Singh DP, **Tiwari SP** and Mohapatra TM (2011) Targeted therapies for Cancer treatment. **Journal of Pharmacy Research (1.09)**. 4(2):312-316.
6. **Singh CS**, Singh VK, **Tiwari SP** and Sharma R (2011) Lignolytic activity and lignocellulosic degradation profile by natural isolates of *Pleurotus flavilatus* during mushroom cultivation on Rice straw. **Asian Journal of Experimental Biology** 2(1): 158-161.
7. **Srivastva R**, Sonam S, Patel S, **Tiwari SP** (2012) Diversity of *Azotobacter* in raddish grown field of Jaunpur. In proceeding of National Conference on “Impact of global warming and climatic changes on diversity: the challenges of conservation of flora and fauna” held at department of Zoology, RHSPG College, Sigraamau. Jaunpur. Feb 20-21, 2012
8. **Singh CS**, **Tiwari SP**, **Srivastva R**, Singh VK, Sharma R (2012) Biodiversity of *Pleurotus* species in Uttar Pradesh. In proceeding of National Conference on “Impact of global warming and climatic changes on diversity: the challenges of conservation of flora and fauna” held at department of Zoology, RHSPG College, Sigraamau, Jaunpur. Feb 20-21, 2012.
9. **Srivastva R**, Tripathi BM, Singh RK, **Srivastva P**, Kumari P, **Srivastav M**, **Srivastava AK**, Kumar S, Kashyap PL, Sharma R, **Tiwari SP** (2013) Profiling of plant growth promoting bacteria associated with Jaunpuri Giant Raddish rhizosphere. **Int. J. Agri. Env. Biotech.** 2013, 6(2): 187-193
10. Singh R, Singh RK, Rai RK, Sharma R & **Tiwari SP** (2013) Improvement of *Trichoderma* spp. strain for integrated control of soilborne plant pathogens, **Int. J. Agri. Env. Biotech.** 6(3): 487-496.
11. Sinha P, Singh RK, **Srivastav R**, Sharma R, **Tiwari SP** (2013) Characterization and optimization of alkaline protease enzyme produced by soil borne bacteria. **Trends in Life Sciences** 1(4); 12-23
12. Shira E, Singh RK, , **Tiwari SP**, Mohapaptra TM, Carmeli S. (2013) Aeruginosins from *Microcystis* sp. bloom collected in Varanasi, India. **J. Nat. Prod.**(3.5).76(6): 1187-1190.
13. Mishra PK, Singh RK, Gupta A, **Tiwari SP**, Mohapatra TM. (2013) Antibacterial activity of *Andrographis paniculata* (Burm. f.) Wall ex Nees leaves against clinical pathogens. **J. Pharm. Res.** 7(5): 459-462
14. **Srivastava R**, Sonam S, Singh P, **Srivastava P**, Singh CS, Sharma R & **Tiwari SP** (2014) Plant Growth Promoting Rhizobacteria: Plant Probiotics. **Biologix** 112-116
15. **Tiwari SP**, **Srivastava R**, Singh CS, Shukla K, Singh RK, Singh P, Singh R, Singh NL & Sharma R (2015) Amylases: An Overview with special reference to alpha Amylase. **J Global BioSc.** 4(1) 1886-1901.
16. Singh RK, **Tiwari SP** & Mohapatra TM (2015) Characterization of cyanobacterial isolates having non ribosomal peptide synthetase gene clusters from tropical environment. **Trends in Bio Sci.** 8(18): 4841-4847

**Communicated**

- Monograph
- Chapters in Book

\* National **01**

\* International **07**

1. Rai Ashwani K, Sharma N, Mishra A, Rai A and **Tiwari SP** (2010) Cyanobacteria : a potential but neglected tool for biotechnological processes. In Recent Trends in Biotechnology. (Eds.) Singh MP, Sharma B and Gupta A. Nova Publishers USA.
2. Preeti Singh, RK Singh, RK Rai, **SP Tiwari**, TM Mohapatra (2011) **Diversity of Listeria**. In: Biotic potential and abiotic stress (Eds) A K Dwivedi. Lambert Academic Press, Germany. Pp 373-389
3. **Srivastava R**, Mishra A, Sharma R, Srivastava P and **Tiwari SP** (2011) Botulinum Toxin: Production and applications. In: *Microbial Toxins and Toxigenic Microbes*. pp. 25-40 (Eds.) Pandey VD and Singh. SK. Studium Press LLC, Texas, USA
4. Upadhyay S, Singh RK, **Tiwari SP**, Sen MR and Mohapatra TM (2011) Toxins produced by Members of Enterobacteriaceae. pp. 41-58. In: *Microbial Toxins and Toxigenic Microbes*. Eds. SK Singh, VD Pandey. Studium Press LLC, Texas, USA
5. Sharma R, Tripathi BM, Pandey R, Singh RK, Mishra A, **Tiwari SP** (2012) Microbial Detection in Drinking Water. In: Recent Advances in Microbiology. Eds. RK Singh, R Sharma, SP Tiwari. Nova Sci Inc. USA. (ISBN: 978-1-61470-632-8)
6. Asha Lata Singh, Singh VK, Singh SK and **Tiwari SP** (2012) Arsenic Contamination of ground water and its possible remedial measures. In: Recent Advances in Microbiology. Eds. RK Singh, R Sharma, SP Tiwari. Nova Sci Inc. USA. (ISBN: 978-1-61470-632-8)
7. Sharma R, **Srivastava R**, Gupta A, Yadav M, **Tiwari SP** (2013) Antimicrobial activity of Indian plants. In: Recent Advances in Microbiology Vol-II, Nova Science Publishers, New York. USA. . (ISBN: 978-1-62808-633-1)
8. **Srivastava R**, Sonam S, Srivastava P, Singh CS, **Tiwari SP** & Sharma R (2013) RNA silencing and viral counter-defence: A host parasite interaction. In: Recent Advances in Microbiology Vol-II, Nova Science Publishers, New York. USA. (ISBN: 978-1-62808-633-1)

○ Edited Book

○ Books with ISBN with details of publishers

\* **SP Tiwari**, R Sharma, RK Singh, (2012) Recent Advances in Microbiology. Nova Sci Inc. USA. (ISBN: 978-1-61470-632-8)

\* **SP Tiwari**, R Sharma, RK Singh (2013) Recent Advances in Microbiology. Nova Sci Inc. USA. (ISBN: 978-1-62808-633-1)

○ Number of listed in international database ( for e.g. web of science, Scopus, humanities international complete, dare database- international social sciences directory, EBSCO host, etc)

10 sequences of Rhizospheric Bacteria from Radish rhizosphere of Giant Newar Variety in NCBI, HM367733 – HM367742 NCBI

\* **Citation indices**

Dr. S. P. Tiwari

	All	Since 2011
* Citations	<b>302</b>	<b>219</b>
* Citation index-range/ average <b>i10-index</b>		<b>8</b>
○ SNIP		
○ SJR		
○ Impact factor-range average		<b>0.86-2.6</b>
* H-index <b>h-index</b>	<b>9</b>	

23. Details of patents and income generated

**NO**

24. Area of consultancy and income generated

**NO**

25. Faculty selected nationally / Internationally to visit other laboratory/ institution /industries in India and abroad

**NO**

26. Faculty serving in

a) National committee b) international committee c) Editorial board d) any other ( please specify)

**Former member of editorial board Journal of Pharmacy Research**

27. Faculty recharging strategy ( UGC, ASC, Refresher/ orientation programs, workshops, training programmes and similar programmes)

**Dr. S. P. Tiwari**

\* NBAIM-CAB International, UK joint Workshop on “Isolation, Preservation and Conservation of Agriculturally important microorganisms and use of Potential Molecular tools for their Identification” at N. Delhi (March 16-17, 2004)

- \* 21 days Training on Microbial Identification Modules for some Agriculturally Important Microorganisms held at National Bureau of Agriculturally Important Microorganism, Mau, 26 Sep – 16 Oct, 2007
- \* 10 days Training on Microbial Chemical Taxonomy : A Poly phasic Approach held at National Bureau of Agriculturally Important Microorganism, Mau, 20 Sep – 29 Sep, 2007
- \* “Hands on Training in Cell and molecular Biology Techniques for college Teachers” Conducted by Department of Biotechnology, VBS Purvanchal University, Jaunpur, India (December 21-January 2, 2010).
- \* UGC Sponsored Orientation Course (28 Days) 06<sup>th</sup> Jan. to 02<sup>nd</sup> Feb 2015 From UGC Academic Staff College, BHU, Varanasi

#### Mr. Rishi Srivastava

- \* Workshop on “ENTREPRENEURSHIP SKILL DEVELOPMENT PROGRAMME FOR BIOTECHNOLOGY” (27.03.2008 to 24.04.2008) sponsored by MESME and organized by” Department of Biotechnology and IBM, V B S Purvanchal University Jaunpur.
- \* Winter School on “BIODIVERSITY ANALYSIS AND EFFICIENCY ASSESSMENT TECHNIQUES FOR AGRICULTURALLY IMPORTANT MICROORGANISMS” during 05-01-2009 to 25-01-2009 organized by Division of Microbiology & Centre for Conservation and Utilization of Blue Green Algae, IARI, New Delhi.
- \* “HANDS ON TRAINING IN CELL AND MOLECULAR BIOLOGY TECHNIQUES FOR COLLEGE TEACHERS” organized by” Department of Biotechnology, V B S Purvanchal University, Jaunpur.

#### 28. Student projects

- Percentage of student who have done in-house projects including inter-departmental projects

YEAR (Batch)	% of Students
2013-15	47%
2012-14	41%
2011-13	45%
2010-12	44%
2009-11	25%
2008-10	25%

- Percentage of students doing project in collaboration with others universities/ industry / institutes

#### 29. Award recognition received at national and international level by

- Faculty
- Doctoral / Post-Doctoral fellow (completed M Sc. From this dept.)
 

<b>Dr. Navin Vishwakarma</b>	<b>PDF USA</b>
<b>Mr. Vishwash Sharma</b>	<b>Germany</b>
<b>Mrs Amrita Nandan</b>	<b>Germany</b>
<b>Dr. Binu Mani Tripathi</b>	<b>Seoul National Univ. S Korea</b>
<b>Dr. Prashant Pandey</b>	<b>Max Planck Institute Germany</b>
<b>Dr. Kamlesh Gidwani</b>	<b>PDF Indo-Finnish, Univ Turku, Finland</b>
<b>Dr. Subash Yadav</b>	<b>PDF South Korea</b>
<b>Mr. Pradeep Rai</b>	<b>JRF, BHU, Varanasi</b>
<b>Mrs. Anuradha Rai</b>	<b>DST Women Scientist fellow, BHU</b>
<b>Mrs. Anamika Gupta</b>	<b>Project Fellow, IMS, BHU</b>
<b>Dr. Pradeep Singh</b>	<b>JRF, CSIR, IMTECH Chandigarh</b>
<b>Mr. Md. Abbas</b>	<b>Project Fellow, Lucknow University</b>
<b>Mr. Md. Misbah</b>	<b>Project Fellow, Jamia Humdard Univ. N Delhi</b>
<b>Mr. Vaibhav Mishra</b>	<b>Project Fellow, CDRI, Lucknow</b>
<b>Ms. Akanksha Srivastava</b>	<b>Project Fellow, CDRI, Lucknow</b>
<b>Ms. Akanksha Srivastava</b>	<b>Project Fellow, Botany Deptt. BHU, Varanasi</b>
<b>Ms. Vandana Singh</b>	<b>Project Fellow, CDRI, Lucknow</b>
<b>Mr. Saroj Kumar</b>	<b>JRF, Dept. of Biochemical Engg, IIT, BHU</b>
<b>Mr. Ashutosh Kumar</b>	<b>SRE, DSR, Mau Nath Bhanjan</b>
<b>Ms Pratima Srivastava</b>	<b>RF, Deptt. of Biotech, VBS Purvanchal Univ.</b>

Mr. Ashutosh Tiwari  
 Ms. Pallavi Sinha  
 Ms Pooja Mishra  
 Mr. Atul Srivastava  
 Mr. Praveen Tiwari  
 Mrs. Shweta Sonam  
 Ms. Simple Kumari  
 Ms Abhiruchi kant  
 Mr. Shailendra Singh  
 Mr. Jai Shankar Yadav  
 Mr. Vipul Yadav  
 Ms Shalini Singh  
 Mr. Nitish Singh

Project Fellow, TERI, New Delhi  
 Inspire Fellow, IMS, BHU  
 Project Fellow, CIMAP, Lucknow  
 Project Fellow, CIMAP, Lucknow  
 Project Fellow, NBAIM, Mau  
 RF, Deptt. of Biotech, VBS Purvanchal Univ.  
 RF, Deptt. of Biotech, VBS Purvanchal Univ.  
 Inspire Fellow Biotech center, Gurgaon  
 CSIR JRF, IMS, BHU  
 Project Fellow, Deptt. of Soil Sc. IAS BHU  
 CSIR JRF,HMG, BHU  
 Inspire Fellow, Lucknow University  
 Inspire Fellow, Goa University

- Students  
**Pallavi Sinha**

2<sup>nd</sup> position in oral presentation in National conference on  
 Biotechnology & human Welfare: New Vistas

30. Seminar/ Conference/ workshops organized and the source of funding ( National/ International) with details of outstanding participants, if any  
**National Seminar organized by Faculty of Science VBS Purvanchal Univ. Jaunpur at 4-5 Dec. 2011 on the topic “Frontier in Biological sciences”**  
**National Seminar organized by Dept. of Biotechnology, VBS Purvanchal Univ. Jaunpur at March 21-22, 2015 on the topic Biotechnology and Human Welfare: New Vistas**
31. Code of ethics for research followed by the department: NO
32. Students profiles programme-wise

Name of programmes ( Refer to question no. 4)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Sc. (Microbiology)	Through PU CAT				
2008 -2010		<b>10</b>	<b>10</b>	<b>100%</b>	<b>100%</b>
2009 -2011		<b>06</b>	<b>14</b>	<b>100%</b>	<b>100%</b>
2010 -2012		<b>06</b>	<b>14</b>	<b>100%</b>	<b>100%</b>
2011 -2013		<b>11</b>	<b>09</b>	<b>100%</b>	<b>100%</b>
2012-2014		<b>14</b>	<b>07</b>	<b>100%</b>	<b>100%</b>
2013-2015		<b>05</b>	<b>15</b>	<b>100%</b>	<b>100%</b>
2014-2016		<b>11</b>	<b>09</b>	<b>100%</b>	<b>100%</b>
2015-2017		<b>09</b>	<b>11</b>	<b>Continued</b>	
2016-2018		<b>09</b>	<b>11</b>	<b>Continued</b>	

33. Diversity of students

Name of programmes (Refer to question no. 4)	% of student from the same university	% of students from other university	% of students from universities outside the state	% student from other countries
M.Sc. (Microbiology)	<b>85%</b>	<b>15%</b>	<b>0%</b>	<b>0%</b>

34. How many students have cleared civil services and defense services examinations, NET, SET, GATE, and other competitive examination? Give details category-wise

NET CSIR	NET ICAR	GATE
<b>JRF 06 (02 Gen; 04 OBC)</b>	-	<b>07 (Gen 04; OBC 03)</b>
<b>LS 04 (04 Gen)</b>	<b>LS 03 (Gen)</b>	-

One student secured 3<sup>rd</sup> AIR in CSIR NET examination

35. Student Progression

Student Progression	Percentage against enrolled
UG TO PG	-
PG TO M. Phil.	-
PG. to Ph. D.	<b>25 (outside)</b>



Ph.D. to Post doc	
Employed	
• Campus selection	
• Other than campus selection	<b>45</b>
Entrepreneurs	-

36. Diversity of staff

Percentage of faculty who are graduate	
Of the same university	<b>01</b>
From other university within the state	<b>Nil</b>
From university from other state	<b>02</b>
From university outside the country	<b>Nil</b>

37. Number of faculty who were awarded M.Phil. Ph. D., D. Sc. and D. lit. During the assessment period

**Nil**

38. Present details of departmental infrastructural facilities with regards to

- a) Library **NO**  
b) Internet facility for staff and students **Yes**  
c) Total no. of class rooms **02**  
d) Class rooms with ICT facility **NO**  
e) Students laboratories **02**  
f) Research laboratory **Nil**

39. List of doctoral, postdoctoral students and research associate **NO**

- a) From the host institution/ university  
b) From other institution/ university

40. Number of post graduate student getting financial assistance from the university. **NO**

41. Was any need assessment exercise undertaken before the development of new programme(s)? if so highlight the methodology **NO**

42. Does department obtained feedback from

- a) Faculty on curriculum as well as teaching learning evaluation? If yes how does the department utilize the feedback

**For extension of services of contractual teachers**

- b) Students on staff, curriculum and teaching learning evaluation and how does the department utilize the feedback? **Yes, For improvement of Teaching**  
c) Alumini and employer on the programmes offered and how does the department utilize the feedback? **NO**

43. List the distinguished alumni of department

- Dr. Rahul Singh Assistant Professor HNB Garhwal University UK India
- Dr. Naveen Viswakarma, Assistant Professor, Guru Ghasidas Bilaspur University, Bilaspur CG
- Dr. Sunil Tripathi
- Mr. Rishi Srivastava, Assistant Professor, Deptt. of Microbiology, VBS Purvanchal Univ. Jaunpur
- Mrs Shipra Singh, Assistant Professor, RR PG college, Amethi, Sultanpur
- Ms Pratima Srivastava, Assistant Professor, Md. Hasan PG College, Jaunpur
- Dr. Salbha Tiwari, Technical Officer, Agarkar Institute, Pune
- Mr. Deepak Maurya, Technical Officer, Agarkar Institute, Pune
- Mr. Indra Prakash, Director, Wound Care Remedies Pvt. Ltd. Ambala
- Mr. Ashutosh Tiwari, Technical Officer, TERI, New Delhi
- Mr. Mukesh Gupta, Manager QC, AIChemist Food ltd. Ropar, Punjab
- Mr. Abhishek Singh, Addl. Director Blood Safety, UPSACS, Lucknow
- Mr. Pushpendra Mishra Technical Officer, State ref. Lab. UPSACS, IMS, BHU
- Mr. Sandeep Agrahari Panacea Biotech ltd.
- Mr. Sanjay Dubey Nectar Life Sciences
- Mr. Satyendra Gupta Lecturer KVS, Patna
- Mr. Bhuneshwar Yadav Microbiologist, Sterile India Gurgaon
- Mr. Prabhat Rastogi Alkem Pharmaceuticals
- Mr. Ateeq Ahmad Technical Officer, UAE
- Mr. Abhishek Bhardwaj Nectar life Sciences
- Mr. Sashi Kant Sterile India Gurgaon
- Mr. Abhinav Singh Cadila Health care
- Mr. Ranjeet Kushwaha AIChemist Food ltd. Ropar, Punjab

24. Mr. Pawan Pandey	Cadila Health care
25. Mr. Amit Mishra	Cipla
26. Mr. Anuj Yadav	Sterile India Gurgaon
27. Mr. Saurabh Raghuvanshi	Sterile India Gurgaon
28. Mr. Munna Prasad	Sterile India Gurgaon
29. Mr. Surendra	Sterile India Gurgaon
30. Mr. Vinay Maurya	Sterile India Gurgaon
31. Mr. Rahul Jaiswara	AlChemist Food ltd. Ropar, Punjab
32. Mr. Sunil Yadav	Nectar life Sciences
33. Mr. Vikas Patel	Panacea Biotech ltd.
34. Ramesh Gupta	Cipla
35. Anand Gautam	Cipla
36. Sushant Singh	Cipla
37. Saurabh Asthana	Cipla
38. Luxman Singh	Cipla
39. Rahul Mishra	Pharmaceutical Ind. Baddhi, HP
40. Indra Prakash	Pharmaceutical Ind. Aurangabad
41. Prakash Bhan	Pharmaceutical Ind. Haridwar, UK
42. Saurabh Shukla	Distillery, Shahjahanpur

44. Give detail of student enrichment programmes (special lecturer/workshops/seminar) involving external experts

Invited Lectures from eminent personalities of Microbiology

- \* **Prof. Gopal Nath, Head Deptt. Of Microbiology, IMS BHU (03)**
- \* **Dr. UD Gupta, Deputy Director, JALMA Institute, Agra (02)**
- \* **Dr. Rajeev Gaur, Head Deptt. Of Microbiology, RML Awadh Univ. Faizabad (02)**
- \* **Prof. H. Kumar, RAU, Samastipur, PUSA, Bihar (01)**
- \* **Prof Jai Raj, Gulberga University, Karnataka (01)**
- \* **Dr. Sunil Ojha, Scientist C Inter University Accelerator Centre, N Delhi**
- \* **Dr. O. P. Tiwari, Principal, Pharmacy College, Varanasi**
- \* **Prof. (Mrs) K Shah, IESD, BHU, Varanasi**

45. Lists the teaching methodology adopted by the faculty for different programmes **Teaching & Learning: Through classical and modern methods (powerpoint) & online**

46. How the does the department ensure that programs objective are constantly met and learning outcome are monitored.

**Time to time meetings and discussions with Head and Faculty members**

**Time to time conducting class tests & oral presentation of students**

47. Highlight the participation of student and faculty in extension activities

**Water quality testing for detecting potability of drinking water**

**Generating the interest of students (UG & PG level) in the area of Microbiology at different colleges by delivering Invited & Guest lectures**

**Invited Lectures in Colleges**

BioProcess Engineering	M. Sc. (Biotechnology Students)	Feb. – Mar 2011	School of Biotech. BHU	University
rDNA Tech.& many	B. Sc. (Biotechnology Students)	2006-2011	Deptt. Of Biotech.	Town PG College Ballia
Nitrogen fixation by algal systems	M. Sc. (Microbiology Students)	Nov, 23 2011	Deptt. Of Microbiology	RML Awadh University, Faizabad
Microbial association in aquatic ecosystems	M. Sc. (Microbiology Students)	Jan, 23 2012	Deptt. Of Microbiology	RML Awadh University, Faizabad
rDNA Tech.	B. Sc. (Biotechnology Students)	Nov 11, 2010	Deptt. Of Biotech.	Sanjay Memorial Girls College Varanasi
Bio fertilizer Production	B. Sc. (Biotechnology Students)	Dec. 06 2011	Deptt. Of Biotech. & Botany	Agrasen Kanya MahaVidyalaya
Microbes and	M.Sc. Botany & B.Sc.	Feb. 01,	Deptt. Of	Town PG College

their role in agriculture	Biotech	2013	Biotech.	Ballia
Historical events of Microbiology	M.Sc. Botany & B.Sc. Biotech	Feb. 02, 2013	Deptt. Of Biotech.	Town PG College Ballia
Future prospects in Microbiology	B. Sc. Botany	Oct. 2011	Deptt. Of Botany	Raj College Jaunpur
Aim & Scope of Microbiology	B.Sc., M.Sc. Botany	July, 05, 2012	Deptt. Of Botany	Pratapgarh
Plant Growth Promoting Rhizobacteria	B.Sc., M.Sc. Botany, Biotech	Feb, 05, 2015	UP Autonomous College, Varanasi	DBT-STAR college Scheme
Industrial Microbiology	M Sc Biotech	April 2011	School of Biotech	BHU
Invited Lectures in Conferences				
Metagenomics: methods application in Microbiology	Trainees	Jan, 19, 2011	NBAIM	NBAIM, Mau
Invited Lecturer	National Conference on Impact of global warming and climate change on diversity: the challenge of conservation of flora and fauna	Feb. 21-22, 2012	Deptt. Of Zoology	RHS PG College,, Singraur, Jaunpur
Guest Lecture	Natioal Seminar on monitoring of water quality contaminated by pesticides and associated health impact	Feb. 25-26, 2012	Deptt. Of Chemistry	RSKD PG College Jaunpur
Invited Talk	First international conference on new horizons in pharmaceutical and biomedical sciences	Jan. 12-13, 2013	-	Sheetal Life Sciences (P) Ltd. Dehradun & Society of Environment, Health and Biotech
Invited Lecturer	Natioal Seminar on environmental risk and transgenic plant	Feb. 28, 2013	Deptt. Of Botany	Mahatma Gandhi Chitrakoot Gramodaya University, Chitrakoot, Satana, MP
Invited Lecturer	Role of bacterial diversity in growth promotion of plants	October 05-06, 2013	NCEEER-2013	Deptt. Of Biotech., MIM Ghaziabad
Invited Lecturer	Cyanobacteria: a neglected tool for biotechnological processes	Feb. 24, 2014	SBSBAC-2014	Deptt. of Botany, BHU
Invited Lecturer	Plant Growth promoting Rhizobacteria: Probiotics for plant	March 15, 2014	National Seminar on Recent Trends in Microbiology	DDU Gorakhpur
Invited Lecturer	Exploitation of plant-microbe interaction for eco-friendly agriculture	August 30-31, 2014	NS on Climate change and Environmental threat to public health	Sunbeam College For Women, Varanasi

			and sustainable agriculture	
Invited Lecturer	Plant Microbe interaction for ecofriendly agriculture	Feb. 23-24, 2015	International symposium on innovations in educational environmental and health research	Society for educational development and environmental research, Varanasi

48. Give details of beyond syllabus scholarly activities of the department  
**Awareness for Water quality & food adulterations in and around university regarding health**
49. State whether the programmes / department is accredited / graded by other agencies? If yes give details.  
**NO**
50. Briefly highlight the contribution of the department in generating new knowledge  
**The department is engaged in identification and characterization of microbes from rhizospheric region of Giant Newar Variety of Radish. Isolates were characterized at molecular level and the sequences have been submitted to NCBI. Further growth promoting attributes of isolates were characterized and the results obtained are communicated for publication.**  
**On the other hand emergence of drug resistance is challenging area in clinical microbiology. Large number of plants extracts has been screened for their activities against MRSA and EMBL strains.**
51. Details five major strength, weakness, opportunities and challenges (SWOC)  
**Strength:**  
Hard work, sincerity and regularity of Teachers  
Autonomy in designing course and syllabus  
Combined classes with sister department Biochemistry  
Dedication towards students and institution  
Providing job opportunity to final year students in Pharmaceutical & food Industries  
**Weakness:**  
Shortage of teaching staff,  
Unavailability of specialized research lab and resources  
Department has no research facility  
Contractual faculty is not allowed to submit Research projects hence no funds from outside  
Bad condition of class room and electric supply  
**Opportunities:**  
To expand the course at graduate level  
To execute CBC System  
To sign MOU with Research organizations of CSIR & ICAR  
To interact with different Pharmaceutical, food, Beverage Industries for campus selection  
To start Vocational courses for placement of students  
  
**Challenges:**  
To compete with other institutions of national repute  
To modernize the department with latest equipment,  
To create awareness of diseases and preventive measures among rural people as far as outprogramme is concerned
52. Future plan for the department:  
Department believes in 'Think Globally, Act Locally' and in this regard research work is under progress to reveal the correlations between rhizospheric microorganisms and giant size of the famous radish (newar variety) of Jaunpur. Several isolates have been characterized and sequences have been submitted to NCBI data bank. Increasing demand of chemical fertilizers and pesticides lead to environmental and have direct impact on health. One has to search alternatives and microbes may play important role in this matter. Department is working on utilization of growth promoting rhizospheric bacteria and endophytes to be used as biofertilizers and regulator of secondary metabolite production by plants.

**DEPARTMENT OF ENVIRONMENTAL SCIENCES**

1. Name of the Department : **Environmental Sciences**
2. Year of establishment : **2002**
3. Is the Department part of a School/Faculty of the university? **YES**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **PG (M.Sc.)**
5. Interdisciplinary programmes and departments involved : **YES**
6. Courses in collaboration with other universities, industries, foreign institutions, etc : **NO**
7. Details of programmes discontinued, if any, with reasons : **NO**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : **Semester**
9. Participation of the department in the courses offered by other departments: **YES**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>0</b>	<b>0</b>	<b>Nil</b>
Associate Professors	01	<b>0</b>	<b>Nil</b>
Asst. Professors	02	03	<b>Nil</b>
Others	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
<b>Dr. Vivek Kumar Pandey</b>	<b>M.Sc. Ph.D.</b>	<b>Lecturer</b>	<b>Env.Biotechnology &amp; Soil Pollution</b>	<b>6.0 years</b>	<b>NA</b>
<b>Dr. Sudhir K. Upadhyay</b>	<b>M.Sc. (Gold medal), Ph.D. &amp; NET,SLET</b>	<b>Lecturer</b>	<b>Ecology, Environmental Microbiology &amp; Biotechnology</b>	<b>6.0 years</b>	<b>NA</b>

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
<b>Dr. Kartikeya Shukla</b>	<b>M.Sc. Ph.D</b>	<b>Lecturer</b>	<b>Toxicology &amp; Environmental Chemistry</b>	<b>5.5 years</b>	<b>NA</b>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

S.NOs	Name	Affiliation
1	Prof. N P Singh	TDPG College, Jaunpur
2		

13. Percentage of classes taken by temporary faculty – programme-wise information  
**100% of M.Sc. program**

14. Programme-wise Student Teacher Ratio : **1: 13.33**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :  
Nil

16. Research thrust areas as recognized by major funding agencies : **NO**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.  
: **NO**
18. Inter-institutional collaborative projects and associated grants received : **NO**  
b) National collaboration                      b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **NO**
20. Research facility / centre with *no recognition*
- state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies  
: **NO**
22. Publications:
- \* Number of papers published in peer reviewed journals (national / international) : (13+15+ 04)=**32**
  - \* Monographs : Nil
  - \* Chapters in Books : (02+03+02)=**07**
  - \* Edited Books : **NO**
  - \* Books with ISBN with details of publishers: **NO**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average : **55**
  - \* SNIP
  - \* SJR
  - \* Impact Factor – range / average (20.5+29.6+2)=**54**
  - \* h-index
23. Details of patents and income generated : Nil
24. Areas of consultancy and income generated : Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: Nil
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) :  
**Editorial Board (GJEST), Editorial Board Cellular and molecular Biology.**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **YES**
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects : about 30%
  - percentage of students doing projects in collaboration with other universities / industry / institute : 70%
29. Awards / recognitions received at the national and international level by
- Faculty : **NO**
  - Doctoral / postdoctoral fellows : **NO**
  - Students : **YES**
- Aswani kumar Tiwari: 2008-10: Research scientist, Toreno University Italy  
Pawan Kumar Maddshia: 2008-10: ARS NET, Research Fellow BBAU Lucknow  
Shradha Gupta : 2008-10: ARS NET,  
Krishna Kumar Yadav: 2008-10: CSIR fellowship, Central University, Gujarat  
Anup Kumar Gupta: 2009-11: UGC : Research Fellowship ISM Dhanabad  
Sonal Srivastava: 2010-2012: DST Inspire fellowship at NBRI Lucknow. Akanksha

Upadhyay: 2013-2015 Inspire fellowship at IITR Lucknow.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **YES I** National seminar Collaboration with Department of Biotechnology funded by UGC.-2011

**II** National seminar on International ozone day 16 September -2016

**III** National seminar on International ozone day 16 September -2016

31. Code of ethics for research followed by the departments : **NA**

32. Student profile Programme -wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected						Pass percentage		
		Male			Female			Gen	OBC	SC/ST
M.Sc. Environmental Sciences		Gen	OB	SC/ST	Gen	OBC	SC/ST	Gen	OBC	SC/ST
2011-12	100%	0	0	2	5	1	3	100%	100%	50%
2012-13		3	3	0	6	8	0	100%	100%	-
2013-14		2	3	3	6	6	0	100%	100%	100%
2014-15		1	5	3	5	5	1	100%	100%	100%
2015-16		0	3	1	10	6	0	RUNNING		
2016-17		1	1	1	10	6	0			

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
M.Sc. Environmental Sciences	85	10	5	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Category of students	NET	GATE	SET	Civil Services and Defense Services examinations
UR	3	3	10	Nil
OBC	6	2	9	Nil
SC/ST	1	1	1	Nil

35. Student progression

Student progression	Percentage against enrolled
UG to PG	None
PG to M.Phil.	20%
PG to Ph.D.	45%
Ph.D. to Post-Doctoral	None
Employed	None
• Campus selection	60%
• Other than campus recruitment	
Entrepreneurs	3-5%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	33%
from other universities within the State	66%

from universities from other States	Nil
from universities outside the country	NO

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:  
None
38. Present details of departmental infrastructural facilities with regard to
- Library : NO
  - Internet facilities for staff and students : Yes
  - Total number of class rooms : 02
  - Class rooms with ICT facility : NO
  - Students' laboratories : One
  - Research laboratories : NO
39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university : No
  - from other institutions/universities : No
40. Number of post graduate students getting financial assistance from the university. : **NO**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology : **NA**
42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **YES**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **YES**
  - Alumni and employers on the program offered and how does the department utilize the feedback?  
**No**  
**The suggestion made in the feedback by the faculty as well as the students are discussed among the teachers of the department and University authorities to include them in the curriculum.**

43. List the distinguished alumni of the department (maximum 10)

S.Nos	Name	Place
1	Aswini Kumar Tiwari	Research Scientist in Italy
2	Dr. Vinay Kumar Yadav	J.S.W. Ltd. India
3	Barun Singh	Yeast Industries, Sandila U.P.
4	Anjana Singh	Lecturer in Intermediate collage
5	Anup Gupta	Ph.D scholar ISM Dhanabad
6	Krishna yadav	Ph.D scholar Central University Gujarat
7	Sonal Srivasta	INSPIRE fellowship, NBRI Lucknow
8	Dhrmanath prajapati	Consultancy Service, New Delhi
9	Mustqeem Ahmad	SRF and Ph.D scholar, HBTI, Palampur
10	Akanksha Upadhyay	Inspired fellowship, IITR Lucknow

44. Give details of student enrichment Programme (special lectures/workshops/ seminar) involving external experts.

S.NOs	Name	Affiliation	Lectures Topic
1	Prof. D. P. Singh	School of Environmental Science BBAU Lucknow	Stress physiology
2	Prof. Kavita Sah	Institute of Environment and Sustainable Development, BHU, Varanasi	Environmental awareness and Proteomics
3	Dr. U. N. Rai	NBRI, Lucknow	Bioremediation of arsenic
4	Prof. S.B. Agrawal	CAS, Dept. of Botany BHU Varanasi	Ozone depletion
5	Prof. Ashok Kumar	Dept of Biotechnology, BHU Varanasi	Role of Biotechnology in Conservation
6	Prof. Bechan Sharma	Dept of Biochemistry, University of Allahabad	Waste management
7	Prof. Jaswant Singh	Dept of Environmental Science, RML Awadh University faizabad	Climate change and Antarctica with special reference
8	Dr. Rajiv Gaur	Dept of Microbiology, RML Awadh	Bioremediation



		University Faizabad	
9	Dr. Anil K Dwivedi	Dept of Botany, DDU Gorakhpur University	Water pollution and its effect on human life
10	Dr. P.C Abhilash	Institute of Environment and Sustainable Development, BHU, Varanasi	Info- chemical and Environmental signaling
11	Dr.Tirthankaer Benergee	Institute of Environment and Sustainable Development, BHU, Varanasi	Sustainable Development for natural resources
12	Dr. Rajesh Singh	Indian Institute of Geomagnetisms, Allahabad	Earth magnetism
13	Prof. Surendra Singh	Dept of Botany, BHU Varanasi	Ecological interaction of algae
14	Dr. Jitendra Sahi	Dept. of Env.Science, Sampurnanand University, Varanasi	Environment and Ethics
15	Prof D.K. Chakarvarti	Dept. of Plant pathology, NDUAT KumarGanj Faizabad	Importance of bio pesticides in current scenario
16	Prof. S.K. Dwivedi	School of Environmental Science BBAU Lucknow	Ecology and Environment
17	Prof M P Singh	Centre of biotechnology Allahabad University Allahabad	Role of fungus in remediation
18	Prof. P K Mishra	Department of Chemical Engineering IIT. BHU	Ozone layer depletion and modern life style
19	Dr. Vivek K. Pandey	Centre of K. Banarji Atmospheric and Oceanic science	Stratospheric ozone and ozone depletion

45. List the teaching methods adopted by the faculty for different program.  
**Class room teaching; Power point presentation; Weekly Seminars; Assignments; Onsite field study and Unit test.**
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
**Feedback from Class test, Presentation by students and Assignment etc.**
47. Highlight the participation of students and faculty in extension activities.  
**Awareness programs**
48. Give details of “beyond syllabus scholarly activities” of the department.  
**Celebration of various environmentally important Days; Survey of environment; Cultural activities; Sports and Literary program**
49. State whether the program me/department is accredited/ graded by other agencies? If yes, give details:  
**NO**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**The department has been continuously focused to create educated and trained manpower to deals with Environmental issues.**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.  
**Strengths:**
- Devoted Faculty members
  - Faculty members have specialization in their Research area
  - Healthy work environment
  - Team spirit and enthusiasm
  - Sincere and hardworking students
- Weaknesses:**
- Lack of proper laboratory facilities.
  - Lack of proper infrastructure facilities (Class room, drinking water, electrical wiring and fittings, departmental library, computer lab etc.)
  - Low teacher student ratio.
  - Lack of nonteaching support staff (laboratory attendants, Office Attendants, Peon etc.)
  - Non availability of grand in aid projects.

### Opportunities:

- To educate maximum students from rural background.
- To enhance the Environment awareness among the school and college students.
- To encourage research activities
- Collaboration with Universities/Institutions for Ecological, meteorological, and Industrial studies.
- Attempt to identify and suggest mitigation methods of local environmental problems.

### Challenges:

- Training the Students with minimal laboratory facilities.
- To create Eco-friendly and Sustainable Environment in our locality.
- Encouraging students SOR (Sustainable Development Orientated Research)
- To obtain research grant from various funding agencies.
- Completion of the course curriculum of PG Level besides having Low teacher student ratio.

### 52. Future plans of the department.

The Department will be increase frequency of regular seminars during weekends for the students, where students speak on topic of their choice, in order to harness their oration skills and to create general awareness among them on different aspects of environmental issues. Department is also actively organizing special program on current topics in the field of environmental sciences from time to time. Department takes pride in not missing the celebration of Ozone Day, World Environment Day, Wildlife-week and World Water Day etc. Department would be develop the facilities to carries good quality of researches under M.Sc./PhD programs.

## DEPARTMENT OF BIOCHEMISTRY

1. Name of the Department: **Biochemistry**
2. Year of establishment: **2002**
3. Is the Department part of a School/Faculty of the university: **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **PG (M.Sc.)**
5. Interdisciplinary programmes and departments involved: **No**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **No**
7. Details of programmes discontinued, if any, with reasons: **No**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: **Semester**
9. Participation of the department in the courses offered by other departments: **No**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	0	0	NA
Associate Professors	1	0	NA
Asst. Professors	02	0	NA
Guest Faculty	03	02	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Sudhanshu Shekhar Yadav	Ph. D. NET	Guest Faculty	Biochemistry, Enzymology & Molecular Biology	UG 1 < year	Nil
Dr. Prabhakar Singh	Ph. D. NET	Guest Faculty	Biochemistry Biochemistry of		Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
			Aging		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **No**
13. Percentage of classes taken by temporary faculty – programme-wise information – **All are Guest faculty (100%)**
14. Programme-wise Student Teacher Ratio: **Student : Teachers (40:3)**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: **2 Guest Faculty and 2 Offices In-charge**
16. Research thrust areas as recognized by major funding agencies: **Nil**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **Nil**
18. Inter-institutional collaborative projects and associated grants received: **Nil**  
c) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
20. Research facility / centre with
  - state recognition : **Yes**
  - national recognition: **No**
  - international recognition: **No**
21. Special research laboratories sponsored by / created by industry or corporate bodies: **Nil**
22. Publications: **Nil**
  - \* Number of papers published in peer reviewed journals (national / international)
  - \* Monographs
  - \* Chapters in Books
  - \* Edited Books
  - \* Books with ISBN with details of publishers
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average
  - \* SNIP, SJR
  - \* Impact Factor – range / average, h-index
23. Details of patents and income generated : **Nil**
24. Areas of consultancy and income generated : **Self-financed**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **Nil**
26. Faculty serving in : **Nil**  
a) National committees b) International committees c) Editorial Boards d) any other (please specify)
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).: **Nil**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects:

Session	% of Students
2013-20015	<b>6</b>
2012-2014	<b>12</b>
2011-2013	<b>Nil</b>

- percentage of students doing projects in collaboration with other universities / industry / institute :

Session	% of Students
2013-20015	<b>94</b>
2012-2014	<b>88</b>
2011-2013	<b>100</b>

29. Awards / recognitions received at the national and international level by:

• **Faculty**

- Mr. Shashak Upadhyay Assistant professor Invertis University Bareilly, Uttar Pradesh, India

• **Doctoral / post doctoral fellows**

- Dr. Ankita Srivastava Post doctoral fellow IIT Mumbai
- Dr. Saurabh Patel PhD.
- Dr. Awaneesh Kumar Singh Post doctoral fellow USA
- Dr. Alok kumar singh DST Young Scientist
- Dr. Rajesh Pandey DST Young Scientist
- Dr. Ashutosh Rai National bureau for agriculturally important micro-organism, Mau
- Mr. Aneet Singh Lupin Ltd,
- Dr. Kamayani singh Postdoc University of Ulm, Germany
- Dr. Ajit Kumar Rai Research associate, IIVR
- Dr. Ashutosh Kumar Rai Institute of Agricultural Sciences, BHU
- Dr. Rajani Rai PhD. BHU
- Ms. Komal Shyamakant SRF, NBFGR (ICAR) Lucknow
- Mr. Sindhusagar Gupta Sr. Executive Ranbaxy and Assistant manager Wockhardt Ltd. Aurangabad
- Mr. Birendra Yadav Kusum health care pvt ltd., Noida
- Mr. Sanjay Yadav Om sai clinical research pvt ltd., Pune
- Mr. Shailendra Singh Scientist PIRAMAL Pvt. Ltd. Mumbai
- Dr. Saurabha Srivastva PhD. BHU, Varanasi
- Dr. Promod kumar Gautam Postdoctoral researcher BHU, Varanasi
- Dr. Sudhanshu Shekhar Yadav AVH fellow Germany, Senior Research Scientist, Guest Faculty VBSPU Jaunpur

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **Nil**

31. Code of ethics for research followed by the departments ; **Nil**

32. Student profile programme-wise:

Name of programmes ( Refer to question no. 4)	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Sc. (Biochemistry)	Through PU CAT				
2013-2015		<b>14</b>	<b>03</b>	<b>100%</b>	<b>100%</b>
2014-2016		<b>10</b>	<b>07</b>	<b>100%</b>	<b>100%</b>
2015-2017		<b>10</b>	<b>10</b>	<b>Continued</b>	
2016-2018		<b>09</b>	<b>11</b>	<b>Continued</b>	

33. Diversity of students

Name of programmes (Refer to question no. 4)	% of student from the same university	% of students from other university	% of students from universities outside the state	% student from other countries
M.Sc. (Biochemistry)	<b>85%</b>	<b>15%</b>	<b>0%</b>	<b>0%</b>

• Student strength

Department	2014-2015		2015-2016		2016-2017	
	Male	Female	Male	Female	Male	Female
<b>Biochemistry</b>	24	10	18	16	19	21

• Total Student strength in the department/faculty (in each Semester) 2016-2017

Department	Male		female	
	I	III	I	III
Semester				
General	1	4	7	5
OBC	8	3	4	4
SC/ST	0	1	0	1

• Details of 2016-17 session

No. of application received	No. of students admitted	Total seats
34	20	20

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35.

NET CSIR	NET ICAR	GATE
<b>JRF 01 (01 Gen)</b>	-	<b>07 (Gen 01; OBC 02)</b>
<b>LS 04 (02 Gen, 2 OBC)</b>	-	-

36. Student progression

Student Progression	Percentage against enrolled
UG TO PG	-
PG TO M. Phil.	-
PG. to Ph. D.	<b>50</b>
Ph.D. to Post doc	<b>20</b>
Employed	
• Campus selection	
• Other than campus selection	<b>30</b>
Entrepreneurs	-

37. Diversity of staff

Percentage of faculty who are graduates	
From the same university	<b>01</b>
From other universities within the State	<b>01</b>
From universities from other States	<b>Nil</b>
From universities outside the country	<b>Nil</b>

38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: **Nil**

39. Present details of departmental infrastructural facilities with regard to

a) Library: **Nil**

b) Internet facilities for staff and students: **Yes**

c) Total number of class rooms: **One**

d) Class rooms with ICT facility: **Nil**

e) Students' laboratories: **01**

f) Research laboratories: **Nil**

40. List of doctoral, post-doctoral students and Research Associates: **Nil**

a) From the host institution/university

b) From other institutions/universities

41. Number of post graduate students getting financial assistance from the university. **Nil**

42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

**Yes: Feed Back form through Questionnaire**

43. Does the department obtain feedback from:

f. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **For extension of services of Guest/ contractual teachers**

g. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, For improvement of Teaching**

h. Alumni and employers on the programmes offered and how does the department utilize the feedback? **No**

44. List the distinguished alumni of the department (maximum 10)

a. Dr. Ankita Srivastava, Post Doctoral Fellow IIT Mumbai

b. Dr. Saurabh Srivastava, PhD. BHU

c. Dr. Sudhanshu Shekhar Yadav, Guest Faculty VBSPU Jaunpur

d. Mr. Prem Lal, Teacher

45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**Special lecture and weekly seminars.**

**Invited Lectures from eminent personalities of Biochemistry**

\* Prof. R.S. Dubey, Vice chancellor Tilka manghi Bhagalpur Bihar & Ex Head Department Biochemistry BHU, Varanasi.

\* Prof. Bechan Sharma, Ex Head Department Biochemistry, Allahabad University.

46. List the teaching methods adopted by the faculty for different programmes.

**Online tutorial, weekly presentation, power point classes**

47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

**Through feedback, student meetings and surprise test**

48. Highlight the participation of students and faculty in extension activities. Nil  
49. Give details of “beyond syllabus scholarly activities” of the department.

**Participation in blood donation camp, cultural activities, cancer awareness programm**

50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. No  
51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- Importance of diet on metabolic pathways,
- Biochemistry of aging

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**STRENGTHS:**

- 1- Easily accessibility of faculty to each student.
- 2- One line tutorial and power point presentation classes
- 3- Best central library for providing updated books
- 4- Meeting to tackle the problem in departments and of students
- 5- Teaching methodology: Explaining the application study in daily life.
- 6- Combine classes with sister department Microbiology

**WEAKNESSES:**

- 1- No Permanent faculty
- 2- Not Ph.D. student and research scholars
- 3- Not UG courses in Biochemistry
- 4- Not any projects and hence no good funding to department
- 5- Laboratories deficient the mammalian cell culture and HPLC

**OPPORTUNITIES:**

- 1- To expand the course at diploma and graduate level
- 2- To introduced the new courses as Nutritional Biochemistry and Clinical Biochemistry
- 3- Departmental library (online as well as offline)
- 4- Expend the lecture room and laboratory
- 5- Smart classes and laboratories

**CHALLENGES:**

- 1- State and national research projects
- 2- Introducing the techniques and facilities for mammalian cell culture and molecular methods
- 3- Starting the admission of Ph.D. student and research scholars
- 4- To increase the student selection percentage in national entrances
- 5- UG classes for nutritional biochemistry and biochemistry

53. Future plans of the department.

- a. Starting the admission of Ph.D. student and research scholars
- b. National and state research projects
- c. To increase the student selection percentage in national entrances
- d. Introducing the mammalian cell culture and molecular facility
- e. UG/Diploma courses for nutritional biochemistry and clinical biochemistry

## FACULTY OF MANAGEMENT STUDIES

### DEPARTMENT OF BUSINESS MANAGEMENT (AGRIBUSINESS AND E-COMMERCE)

1. Name of the Department: Department of Business Management
2. Year of establishment: 1990
3. Is the Department part of a School/Faculty of the university? Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :MBA, Ph.D
5. Interdisciplinary programmes and departments involved. N.A
6. Courses in collaboration with other universities, industries, foreign institutions, etc. N.A
7. Details of programmes discontinued, if any, with reasons :N.A
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :Semester
9. Participation of the department in the courses offered by other departments:  
B.Tech.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	0	
Associate Professors	2	0	
Asst. Professors	4	2	
Others			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

#### MBA Programme

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Subhojit Banerjee	Ph.D	Assistant Professor	Marketing	15	2
Dr. Murad Ali	Ph.D	Assistant Professor	Marketing	13	2 enrolled
Pramendra Vikram Singh	M.B.A	Lecturer (Contractual)	Marketing and Business Laws	4	----
Rajesh Kumar	M.B.A	Lecturer (Contractual)	HR	4	----
Anshuman	M.B.A	Lecturer (Contractual)	Marketing	4	----

#### MBA (Agri-Business) Programme

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Sushil Kumar Singh	Ph.D	Assistant Professor (Contractual)	Agri-Business Management	13	----
Dr. Alok Singh	Ph.D	Assistant Professor (Contractual)	Accounting and Finance, and Q.T.	10	----

MBA (E-Commerce) Programme

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Ashish Singh	Ph.D.	Assistant Professor (Contractual)	Marketing & E-Commerce	12	----

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:  
 Prof.Krishna Kumar, Former Director,IIM Kozhikode  
 Prof. S.K.Chakraborty, IIM Kolkata  
 Prof.Shailendra Singh, IIM Lucknow  
 Prof.Ram Kumar Kakani, XLRI, Jamshedpur  
 Prof B.Venkat Rathnam, Ex Vice-Chancellor, Kakatiya University, Warrangal  
 Prof.R.C.Sharma, Ex Pro Vice-Chancellor, MG Kashi Vidyapith, Varanasi  
 Prof.R.S.Dwivedi, Kuruskshetra University,Kurukshetra  
 Prof.Ramendu Roy,MONIRBA,University of Allahabad  
 Prof. R.S.Singh,MONIRBA, University of Allahabad  
 Prof.C.Lal, Ex Dean, FMS, BHU, Varanasi  
 Prof.H.K.Singh,BHU, Varanasi  
 Prof.H.P.Mathur,FMS, BHU,Varanasi  
 Prof.R.S.Srivastava, CSJM University, Kanpur  
 Dr.Rajesh Shastri,MNNIT,Allahabad  
 Dr.Himanshu Sekhar Singh, RML Avadh University, Faizabad  
 Dr.Ajai Prakash,LUMBA, University of Lucknow,Lucknow
13. Percentage of classes taken by temporary faculty – programme-wise information :75
14. Programme-wise Student Teacher Ratio:1:15
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :Data not available
16. Research thrust areas as recognized by major funding agencies:  
 Entrepreneurship, E-Commerce, Higher Education
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.  
 N.A
18. Inter-institutional collaborative projects and associated grants received  
 d) National collaboration b) International collaboration N.A
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. UGC
20. Research facility / centre with .N.A
- state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies :N.A
22. Publications:
- \* Number of papers published in peer reviewed journals (national / international) - 20
  - \* Monographs
  - \* Chapters in Books - 2
  - \* Edited Books
  - \* Books with ISBN with details of publishers – 2
    - 1.Research Methodology by Dr. S. Benerjee (ISBN:
    - 2.Total Quality Management :An Analysis for Higher Educational Services in India by Dr.Murad Ali (ISBN:978-93-83583-59-1)
    - 3.Management of Trade Credit in SSIs by Dr. Alok Singh (ISBN: 978-93-80820-60-6)
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average
  - \* SNIP



- \* SJR
  - \* Impact Factor – range / average
  - \* h-index
23. Details of patents and income generated N.A
  24. Areas of consultancy and income generated N.A
  25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : 3
  26. Faculty serving in
    - a) National committees b) International committees c) Editorial Boards d) any other (please specify) - 2
  27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). NA
  28. Student projects
    - percentage of students who have done in-house projects including inter-departmental projects – 100%
    - percentage of students doing projects in collaboration with other universities / industry / institute
  29. Awards /recognitions received at the national and international level by
    - Faculty - 3
    - Doctoral / post doctoral fellows
    - Students
  30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
  31. Code of ethics for research followed by the departments : As per University Code
  32. Student profile programme-wise: Admission done through centralized state govt. (UPSEE)

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
				0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

3

35. Student progression

Student progression	Percentage against enrolled
UG to PG	0
PG to M.Phil.	0
PG to Ph.D.	0
Ph.D. to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	As per centralized Placement Cell
Entrepreneurs	12

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	2
from other universities within the State	4
from universities from other States	2
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - Nil
38. Present details of departmental infrastructural facilities with regard to
- Library :1
  - Internet facilities for staff and students : Available not functional
  - Total number of class rooms: 6
  - Class rooms with ICT facility: 1 Available not functional
  - Students' laboratories :1
  - Research laboratories :Nil
39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university  
Anshuman  
Rajesh Kumar  
Anupam Prajapati
  - from other institutions/universities  
Sumit Saxena
40. Number of post graduate students getting financial assistance from the university. 70 to 90 percent of enrolled strength as per state govt. norms.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? No
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes. The students give feedback about the teachers from time to time. Based on this Appraisal of faculty are done.
  - alumni and employers on the programmes offered and how does the department utilize the feedback? No.
43. List the distinguished alumni of the department (maximum 10)
- Prof. Pinaki Dasgupta, IIFT  
Syed Musi Raza, Axis Bank  
Mr. Deepk Kumar Singh, SBI  
Dr. Rajesh Shastri, MNIIT  
Rajan Kumar, Bank of Baroda  
Farogh Ahmed, Danube, Jeddah  
Shailesh Pathak, Parag Dairy  
Ranjeet Singh, Jubilant Chemicals  
Sandeep Srivastava, Skyda Electrical Industries (Pvt) Ltd  
Aiyaz Ahmed, Kotak Mahindra Bank
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. - It is common for the Faculty.
45. List the teaching methods adopted by the faculty for different programmes.  
Lectures, Assignments, Group Discussions, Case Studies, Project Works and Summer Training
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
Through the regular examination system and feedback from students.
47. Highlight the participation of students and faculty in extension activities.  
Students participate in extension activities including organizing plays, workshops in the rural communities. Faculty gives remedial coaching to weaker sections of the society.
48. Give details of "beyond syllabus scholarly activities" of the department.  
Summer training and projects during various semester
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.  
The Department was rated as A+ Business School by Business India. The Institute was also identified one among the few technical institutes in the country adopting **Best Practices and Progressive Practices** for practising quality technical education by All India Council for Technical Education (AICTE).
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
The Department has need based programme catering to the growing demand of population. Development of MBA (Agri-Business) and MBA (E-Commerce) courses is a step towards this.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths: Autonomy in designing course and syllabus, Students selected on the basis of state level entrance examination, Exhaustive Syllabus, Good evaluation system

Weaknesses: Shortage of permanent faculty, Common first semester with other departments, Bad condition of classroom, Shortage of faculty rooms, Absence of Audio-Visual aids in teaching, bureaucracy and red tapism in getting things done,

Oppurtunities: Interface with industry will help the department in synchronizing the syllabus with the needs of the industry.

Challenges: Presence of large number of management institutes

52. Future plans of the department. The Department envisages to collaborate with foreign universities in order to get global touch to its programmes

## DEPARTMENT OF HUMAN RESOURCE DEVELOPMENT & MHRD

1. **Name of the Department:** Human Resource Development
2. **Year of establishment:** 1998
3. **Is the Department part of a School/Faculty of the university?:** Yes
4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc, D.Litt, etc.):**
  - Masters in Business Administration (HRD)
  - Masters in Human Resource Development (MHRD)
  - Doctor of Philosophy (Ph.D.) in HRD

5. **Interdisciplinary programmes and departments involved:** Yes

Interdisciplinary courses	Departments involved
Accounting and Financial Analysis	Financial Studies
Managerial Economics	Business Economics
Business Environment	Business Administration
Computer Applications	Business Administration

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** No

7. **Details of programmes discontinued, if any, with reasons :** No

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Semester

9. **Participation of the department in the courses offered by other departments:** Yes

Faculties from the Department take classes of other MBA and B.Tech programmes, details given below:

Other programmes	Courses taught by our department faculty
MBA, MBA(BE), MBA(FS), MBA(Agri)	Communication for Management
MBA, MBA(BE), MBA(FS), MBA(Agri)	Principles of Management
MBA, MBA(BE), MBA(FS), MBA(Agri)	Research Methodology
B.Tech	Industrial Psychology

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	NIL	NIL
Associate Professors	2	NIL	2
Asst Professors	4	3	1
Others	Two Guest Faculty		

11. **Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M. Phil. students guided in last 4 years
Dr. Avinash D Pathardikar	Ph.D., MPM & IR, LLB, UGC-NET	Associate Professor	HRM Labour Welfare	16 Years	Guided One (PhD) Under guidance: One
Dr. Sangeeta	Ph.D., M.Phil.	Associate	OB	16	Under guidance: One

Sahu	MPM &IR, UGC-NET (JRF)	Professor	T&D	Years	
Dr. Rashi Kesh	Ph.D., MBA (HR) M.Com. (Gold Medalist) UGC-NET-Mgt UGC-NET-Commerce	Assistant Professor	Group Dynamics Industrial Relations Entrepreneurship	11 Years	Nil
Mr. Abhinav Srivastava	MBA, NET-Management	Guest Faculty	HR & Marketing	1 year	Nil
Mr. Anupam Kumar	MBA, NET, Research Assistant	Guest Faculty	HR & Marketing	One month	Nil

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:**

**Following visiting faculties have delivered special lectures/ workshop in the department:**

No.	Name	Address
1.	Prof. S.K. Singh, Head & Dean	FMS, BHU, Varanasi
2.	Prof. A.K. Mukherjee	MONIRBA, University of Allahabad, Allahabad
3.	Prof. Manoj Patwardhan	ABV Indian Institute of Information Technology & Management, Gwalior
4.	Prof. S. Ranganekar	Head, DoMS, Indian Institute of Technology, Roorkee
5.	Prof. A.K. Mishra	Department of Management, Mizoram University, Aizawl
6.	Prof. H.P. Pandey, Head & Dean	Department of Management, RML Awadh University, Faizabad
7.	Mr. Hemant Kumar, Director-HR	Indorama [Indian Multinational], Mumbai
8.	Mr. Yogesh Kumar, VP-HR	Bhartiya Group of Company, New Delhi
9.	Prof. Ajay Kumar Singh	Delhi School of Economics, University of Delhi, Delhi
10.	Mr. Pramod Chaturvedi	DGM-HR, Clarks Awadh, Lucknow
11.	Mr. M.M. Khan	GM-HR (Retd), HINDALCO, Renukoot
12.	Mr. V.K. Dhawan,	Ex Director (Retd), SAIL, New Delhi
13.	Dr. R.K. Lodhwal	FMS, BHU, Varanasi
24.	Prof. Raj Kumar	FMS, BHU, Varanasi
14.	Prof. K.K. Agrawal	Dean, management, MG Kashi Vidyapeeth, Varanasi

**13. Percentage of classes taken by temporary faculty - programme-wise information**

MBA (HRD): 40 Percent

MHRD: 40 Percent

**14. Programme-wise Student Teacher Ratio**

MBA (HRD): 24:1

MHRD: 24:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Staff	Sanctioned	Filled	Actual
Technical	1	0	Nil
Administrative	0	0	1

**16. Research thrust areas as recognized by major funding agencies:No**

**17. Number of faculty with ongoing projects from;**

A	National	02
B	International Funding agencies	02
	Total Grant received	77,83,700.00

**Give the names of the funding agencies, project title and grants received project-wise:**

Sl	Faculty	Funding Agency	Project Title	Grant received
1	Dr. A. Pathardikar	UGC, New Delhi	Dynamics of organizational commitment, culture, employee involvement with employee attrition in BPO Industries	4,49,400.00
2	Dr. S. Sahu	UGC, New Delhi	Influence of Perceived Organizational Support, Job Interdependence and Empowerment at work on the job behavior of employees and organizational Performance drivers	7,32,200.00

3	Dr. Avinash Pathardikar	Department of Labour	National Child Labour Project	2,75,000.00
4	Dr. Avinash Pathardikar	ICSSR, New Delhi	Influence of employer branding, employee engagement and leadership style on entry-level employees' retention in Indian IT sector	3,00,000.00
5	Dr. Sangeeta Sahu	IIM, Ahmadabad	and career attitude of employees in relation to job characteristic of engagement at work: With special reference to chemical industries in Gujrat	25,000.00
6	Dr. Sangeeta Sahu	UNICEF, Lucknow	Block level child protection committees in 5 blocks of Jaunpur	16,97,800.00
7	Dr. Avinash Pathardikar	UNICEF, Lucknow	Training of Village, Block and district level child rights and child protection committees of Jaunpur, Mirzapur and Sonebhadra of Uttar Pradesh.	43,04,300.00

**18. Inter-institutional collaborative projects and associated grants received**

a) National collaboration: No

b) International collaboration: No

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: UGC, ICSSR, Department of Labour**

Sl	Funding Agency	Project Title	Grant received
1	UGC, New Delhi	Dynamics of organizational commitment, culture, employee involvement with employee attrition in BPO Industries	4,49,400.00
2	UGC, New Delhi	Influence of Perceived Organizational Support, Job Interdependence and Empowerment at work on the job behavior of employees and organizational Performance drivers	7,32,200.00
3	Department of Labour	National Child Labour Project	2,75,000.00
4	ICSSR, New Delhi	Influence of employer branding, employee engagement and leadership style on entry-level employees' retention in Indian IT sector	3,00,000.00
5	Indian Institute of Management, Ahmadabad	and career attitude of employees in relation to job characteristic of engagement at work: With special reference to chemical industries in Gujrat	25,000.00
6	UNICEF, Lucknow	Block level child protection committees in 5 blocks of Jaunpur	16,97,800.00
7	UNICEF, Lucknow	Training of Village, Block and district level child rights and child protection committees of Jaunpur, Mirzapur and Sonebhadra of Uttar Pradesh.	43,04,300.00
Total Grant Received			77,83,700.00

**20. Research facility / centre with**

- State recognition: No
- National recognition: No
- International recognition: No

**21. Special research laboratories sponsored by / created by industry or corporate bodies: No**

**22. Publications:**

- **Number of papers published in peer reviewed journals (national / international)**

Author	National Journal	International Journal	Numbers
Dr. Avinash Pathardikar	8	6	14
Dr. Sangeeta Sahu	6	4	10
Dr. Rashi Kesh	5	3	8

1. Psychological attachment through transformational leaders in IT: analysis of Mediating variables through SEM in the Indian journal of commerce, Vol. 68, No. 1, 2015, pp. 48-61. ISSN: 0019-512X
2. 'Transformational Leadership as Predictor of Conflict Handling Strategy: An Empirical Study in Indian IT Companies', Indian Journal of Training & Development, New Delhi, Vol. XXXXII, No. 2, pp. 60-75, 2012. ISSN: 0971-5592
3. 'Influences of ethics and values on organizational citizenship behavior: A review', Journal of Management: Values & Ethics, Vol. 2, No. 3, pp. 25-36, 2012. ISSN-2249-9512
4. Promoting Agriculture Entrepreneurship for Economic Development: A Study of Uttar Pradesh, *Contemporary Management*, Vol. 4 No. 1, Jan-June 2010. ISSN: 0974-4002.
5. Leadership in Indian PSUs: An Empirical Study, *Journal of Business and Finance*, Shree Publishers, New Delhi, Vol. 3, No. 2, July-Dec 2010. pp. 32-41. ISSN: 0974-3413.
6. 'Leadership Styles Contributing to Stress at Work: An Empirical Study' in *Indian Journal of Training and Development [IJTD]*, vol. XXXIX No. 3, ISTD, New Delhi, July-Sept, 2009. pp 60-69. ISSN: 0971-5592
7. 'Effects of Demographic Variables on Executive Stress in Indian Public Sector Units', in *Indian Journal of Community Psychology*, vol. 4, issue 2, September 2008. pp. 198-212. ISSN- 0974-2719
8. Service Quality Measurement and Consumer Perception about the Service Banking Institutions, *Indian Journal of Marketing*, Vol. XXXVII, No 3, March, 2007. pp 12-18. Regd. No. 0973-8703
9. Role ambiguity, job interdependence, trust and horizontal-flexible design affecting job satisfaction in International journal of human resource development and management (**Inderscience Publications**), ISSN online: 1741-5160; print: 1465-6612
10. Assessing organizational ethics and career satisfaction through career commitment, in South asian journal of gloabal business research, Vol. 5, No.1, 2016. ISSN: 2045-4457. (Emerald Publications)
11. Team empowerment determining team performance and its outcomes: Mediating role of decision making, in Indian journal of training and development, Vol. 45, No. 4, 2015, pp. 1-13. ISSN: : 0971-5592.
12. Managing conflict through transformational leadership: Is collaborative style a solution? In Delhi Business Review, Vol. 16, No.1. 2015, pp. 59-74. **ISSN: 2277-7725**

1. Can Visionary Leaders be Role Models for Collaborative Style of Conflict Handling among Teams in IT Organizations? Management and labour studies (Sage Publication), Vol. 39, No. 1, pp. 103-120. e ISSN: 2321-0710.
2. Job Cognition and Justice Influencing Organizational Attachment: An Assessment Through SEM. *SAGE Open*, 4(1), 2014, 2158244014524210. ISSN: ISSN: 2158-2440
3. Implications of the Cultural Antecedents on Organizational Commitment: A Study in Indian Public Sector Units, in International Journal of Global Business Review, Sage Publication, Vol. 12, Issue 3, pp. 431-446, 2011. ISSN: 0973-0664
4. 'Rehabilitation of VRS Seekers: Myths and Realities' in *Management and Labour Studies [MLS]*, Vol.33, No.2, XLRI, Sage Publications, May 2008. pp 260-274. ISSN 0258-042 X.
5. Impact of Business Ethics and Values on Organizational Citizenship Behaviour: A comparative Study of Public and Private Sector Organization of UP, *American Journal of Research in Social Science & Humanities*, Issue: April-2012.
6. 'Effects of personality Traits and emotional intelligence on leadership effectiveness' in *Management Convergence*, Vol 1 No.1 June 2010. pp 33-41. ISSN 0976-5492

1. Psychological attachment through transformational leaders in IT: analysis of Mediating variables through SEM in the Indian journal of commerce, Vol. 68, No. 1, 2015, pp. 48-61. ISSN: 0019-512X

2. 'Transformational Leadership as Predictor of Conflict Handling Strategy: An Empirical Study in Indian IT Companies', Indian Journal of Training & Development, New Delhi, Vol. XXXXII, No. 2, pp. 60-75, 2012. ISSN: 0971-5592
3. Implications of the Cultural Antecedents on Organizational Commitment: A Study in Indian Public Sector Units, in International Journal of Global Business Review, International Management Institute [IMI] vol. 12. No.3. 2011. Sage Publications
4. Leadership in Indian PSUs: An Empirical Study, Journal of Business and Finance, Shree Publishers, New Delhi, Vol. 3, No. 2, July-Dec 2010. ISSN: 0974-3413.
5. Competency of Executives in BPO in Indian Journal of Training & Development, ISTD, New Delhi, 2009. ISSN 0971-5592
6. Liberalization and Women workers in Orissa-A Study on Small Scale Industry Sector', Samridhi-A Journal for Human Resource Development, vol.2, No.1, pp. 54-69, Department of Personnel Management & Industrial Relations, Utkal University, Bhubaneswar, 2001.

*International*

04

1. [Can Visionary Leaders be Role Models for Collaborative Style of Conflict Handling among Teams in IT Organizations?](#) Management and labour studies, 39 (1), 2014, DOI: 10.1177/0258042X14535152
2. Job Cognition and Justice Influencing Organizational Attachment: An Assessment Through SEM. *SAGE Open*, 4(1), 2014, 2158244014524210.
3. Motivation of Executives: An Empirical Study in Service Sector' in Delhi Business Review, International Journal of Society for Human Transformation and Research, Delhi, 2009. ISSN 0972-222X
4. Rehabilitation Of VRS Seekers: Myths and Realities' in Management and Labour Studies, Vol.33, No.2, XLRI, Jamshedpur, May 2008. ISSN 0258-042 X. Sage Publications

Dr. Rashikesh

5+3=8

*National*

05

1. Business Environment and its Impact On Environmental Sustainability in Present Arena in Nucleus, An Interdisciplinary Journal Of Humanities and Social Sciences, July 2010, ISSN- 0972-7523.
2. H R manager in Changing Scenario in Aatmbodh , Volume VI /Number 2/Autumn 2009 /49-51 ISSN-0972-1398.
3. Impact of LPG on Employment in India in Proceedings, Techman–October 2010 MNNIT, Allahabad / 291-301.
4. Impact Of Business Environment On Environmental Sustainability in Conference Proceeding, International Conference organized by BHU , Varanasi, Volume-1 , January-2010 /389-402.
5. Challenges in Education System and Talent Acquisition process of Industries in India in Proceedings of national Conference on Industry- Institute Partnership : Bridging The Gap ,BHU, Varanasi / February 2009 /113-121.

*International*

03

- 1- Employer Brand Communication by Social Media- Case Studies in Hermeneutic tics- A biannual referred International Journal of Business and Social Studies RNI-UP/ENG/2011/36701, vol-03 , No-01 / March-2013/ 37-42/ ISSN-2231-6353.
- 2- General Perspective of Women Entrepreneurship in India in International Journal of Management Research, Published by IJMRR ( Online Journal) , Oct.2011/vol-1/Issue-3/ Article No. 8/70-78 , ISSN-2249-7196.
- 3- Business Environment and its Impact on Environmental Sustainability in Present Arena in International Journal of Development studies , Faculty of Commerce , BHU , year 2010 , volume II July- December , Issue-4/ 146-158, ISSN-0975-5799.

Monographs Nil

CHAPTERS IN BOOKS

4+3+7=14

Dr. Avinash D. Pathardikar

04

1. Consumption Pattern and Investment Behaviour of the Higher Education Teachers in Research Methods in Business Management [Eds], Shree Publishers, New Delhi, pp 325-339, 2009. ISBN 978-81-8329-362-4
2. 'Organizational Change - Shifting Paradigms in HR', Managing Organizational Change (Eds), Shree Publishers, New Delhi, pp.1-11, 2007. ISBN 81-8392-192-9
3. Rural Development through Farming of Medicinal Plants in Rural Management: Contemporary Issues and Challenges (Eds); Shree Publishers, New Delhi. 103-115, 2006
4. 'Current Challenges: HR Perspective', Human Resource Interventions for Changing Business Scenario (Eds), Printek, Varanasi, pp. 97-108, 2002.

Dr. Sangeeta Sahu

3

1. Training and Development: An Assessment and Analysis in Research Methods in Business and Management by Wagh Ajay and Purohit H. C. (Eds.), Shree Publishers, New Delhi, 2009
2. 'Organizational Change - Shifting Paradigms in HR', Managing Organizational Change (Edited Book), pp.1-11, Shree Publishers, New Delhi, 2007
3. 'Current Challenges: HR Perspective', Human Resource Interventions for Changing Business Scenario (Edited Book), pp.97-108, Printek, Indian Press Colony, Varanasi, 2002.

Dr. Rashikesh

7

1. Wisdom of Gita ,Vedic Thoughts and Gunas in Building of Transformational Leadership in Contemporary Business World - Transformational Leadership and Beyond of Shri Ram College of Commerce, University of Delhi , April-2013 /1-13 /Excel India Publishers/ ISBN-978-93-82880-26-4.
2. Global Perspective of Indian Social Entrepreneurship in Entrepreneurship & Innovation of Savitri Girl's College , Ajmer , March-2012 , Published by Career Orientation and counseling Cell /67-84/ ISBN- 978-81-85245-99-7.
3. Impact of Business Environment on Environmental Sustainability in Strategic Management of Environment for Sustainable Development , Shree Publishers & Distributors , New Delhi/2012/ 206-220 /ISBN-978-81-8329-394-5.
4. Impact of Global Meltdown on Indian Economy in Present Scenario in Global economic Crisis – The Strategic Way out / Excel India Publishers , New Delhi / February 2012 /129-137/ISBN- 978-93-93-81361-95-5.
5. General Perspective of Entrepreneurship & Innovation in Creating Value through Innovation / Shree Publishers & Distributors, New Delhi/2011 /73-84/ISBN-978-81-8329-398-3.
6. Impact Of Entrepreneurship on Rural Communities and Areas in Agribusiness and Rural Development / Suruchi Kala Prakashan , Varanasi /2010/90-100/ISBN-978-93-81564-02-8.
7. Social Entrepreneurship in Indian rural Areas- Issues and Challenges in Modern Management Practices – Issues & Challenges/ ERT Publications Pvt. Ltd./2010/60-66/ISBN-9788191075014.

Books with ISBN with details of publishers

3+2=5

Dr. Avinash D. Pathardikar

3

1. 'Leadership and Occupational Stress', Shree Publisher, New Delhi, 2009. ISBN 978-81-8392-326-6
2. Organizational Change: Contemporary Issues, Shree Publisher, New Delhi, 2007. ISBN 81-8329-193-7
3. 'Managing Organizational Change: Issues and Challenges', Shree Publisher, New Delhi, 2007. ISBN 81-8329-192-9

Dr. Sangeeta Sahu

2

1. 'Managing Organizational Change: Issues and Challenges', Shree Publisher, New Delhi, 2007. ISBN 81-8329-192-9
2. 'Training and Management Development', Shree Publisher, New Delhi, 2007. ISBN 81-8329-162-7

Dr. Rashi Kesh

No

CONFERENCE PROCEEDINGS

Dr. Avinash Pathardikar

04

1. 'Interaction of organizational ethics and job interdependence on sportsmanship behaviour', Indore Management Journal, Proceedings of 5<sup>th</sup> Conference on Excellence in Research and Education, 9<sup>th</sup>-12<sup>th</sup> May, 2013, Allied Publishers, pp. 135-151. ISSN: 0975-1653.
2. 'Are attributes of transformational leaders instrumental in developing attachment by engaging employees' in international conference on advances of management and technology: Mapping strengths and opportunities at Motilal Nehru National Institute of Technology, Allahabad, 29-31 January, 2015.
3. Leadership and employer branding: where do employee engagement and psychological attachment stand? In the Proceedings of AIMS international Conference, at Indian Institute of Management, Bangalore, held on January 6-9, 2013. ISBN: 978-81-924713-3-4.

Dr. Sangeeta Sahu

03

1. Leadership and employer branding: where do employee engagement and psychological attachment stand? In the Proceedings of AIMS international Conference, at Indian Institute of Management, Bangalore, held on January 6-9, 2013
2. 'Interaction of organizational ethics and job interdependence on sportsmanship behaviour', *Indore Management Journal*, Proceedings of 5<sup>th</sup> Conference on Excellence in Research and Education, 9<sup>th</sup>-12<sup>th</sup> May, 2013, Allied Publishers, pp. 135-151.



3. Leadership and employer branding: where do employee engagement and psychological attachment stand? In the Proceedings of AIMS international Conference, at Indian Institute of Management, Bangalore, held on January 6-9, 2013. ISBN: 978-81-924713-3-4.
- 23. Number listed in International Database (e.g. Web of Science, Scopus, Dare Database - International Social Sciences Directory, EBSCO etc)** 02
- Citation Index - range / average t
- SNIP NA
- SJR 02
- Global Business Review 01
- Sage Open 01
- Impact Factor - range /average
- h-index 02
- 24. Details of patents and income generated:** No
- 25. Areas of consultancy and income generated:** YES
- Area: *Capacity building of child protection committees at Village and Block level*
- Total projects : 02
- Funding Agency: UNICEF, Lucknow
- Cost (Rs.)
- Project-1 43, 04,300.00
- Project-2 16, 97,800.00
- Total Cost 60, 02,100.00
- 26. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:** No
- 27. Faculty serving in**
- a) **National committees:** No
- b) **International committees:** No
- c) **Editorial Boards:** Yes
- International journal of Organizational Analysis (Emerald Insight)
  - International Journal of Leadership and Organizational Development (Emerald Insight)
  - Journal of Management: Values and Ethics
  - Journal of Business and Finance
- d) Indian Society of Training & Development (ISTD), Lucknow Chapter: Executive Committee Member
- 28. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs):** Yes
- All faculties of the department have undergone orientation and refresher programmes for the career advancement.
- | Faculty                    | Refresher | Orientation | Workshop | FDP |
|----------------------------|-----------|-------------|----------|-----|
| Dr. Sangeeta Sahu          | 3         | 1           | 4        | 2   |
| Dr. Avinash D. Pathardikar | 2         | 1           | 4        | -   |
| Dr. Rashikesh              | 2         | 1           | 5        | 1   |
- 29. Student projects**
- percentage of students who have done in-house projects, including interdepartmental projects: NO
  - percentage of students doing projects in collaboration with other universities / industry / institute: 100 Percent
- 30. Awards / recognitions received at the national and international level by Faculty:**
- Dr. Sangeeta Sahu
1. Best Paper Award in International Conference on Advances in Management and Technology: Mapping Strengths and Opportunities, Organized by MNNIT, Allahabad in January, 2005
  2. Silver Medal- Best Business Academic of the Year-2014 in 67<sup>th</sup> All India Commerce Conference held in December, 2014.
  3. Adjudged Second Best paper entitled as '*Career Commitment and Career satisfaction: Role of Ethics and Affective Commitment*' by Delhi school of Professional studies and Research (DPSR), New Delhi in 2012
  4. Received prestigious Kamla Award by Indian Society for Training and Development in 2009.
- Dr. Avinash D. Pathardikar
1. Best Paper Award in International Conference on Advances in Management and Technology: Mapping Strengths and Opportunities, Organized by MNNIT, Allahabad in January, 2005

2. Silver Medal- Best Business Academic of the Year-2014 in 67<sup>th</sup> All India Commerce Conference held in December, 2014.
  3. Won second Best Paper Award-2012 of Indian Society for Training and Development.
  4. Won Second Best Paper in XIII International Seminar on Ethics, Morality & Spirituality: Organized by Delhi School of Professional Studies and Research (DPSR) in 2012
  5. Awarded best paper award in International conference on Contemporary issues in management organized by jai Narayan Vyas University, Jodhpur in October, 2015
  6. Outstanding reviewer award-2016 from Emerald Litereti Network for reviewing International journal of organizational analysis (Emerald publication)
- Doctoral / post doctoral fellows: No
  - Students: No

**31. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.**

Programme	Topic	Resource Person
National Seminar 01 Funded by UGC	HR Conclave' 15 Industry Institute Interface Theme: “ Transformational HR for Sustainability”	1. Mr. Hemant Kumar, Director-HR, Indorama 2. Mr. V.K. Dhawan, Ex. Director (retd), SAIL 3. Mr. MM Khan, GM-HR (retd), HINDALCO 4. Mr. P. Chaturvedi, GM-HR, Klark awadh, Lucknow 5. Prof. S. Rangnekar, IIT, Roorkee 6. Prof. A.K. Singh, University of Delhi
Workshops (Last Two Years)  05	Job Searching Skills for Success	Prof Manoj Patwardhan, Indian Institute of Information Technology and Management , Gwalior (MP)
	Career Management	Prof. Ajay Kumar Singh, Delhi University, Delhi
	You are the Star	Mr. Hemant Kumar, Director, Indorama, Mumbai
	Managing Organizational Change & Development	Dr. Ajay Wagh, Indira Gandhi National tribal University, Amarkanatak (MP)
	Employability Skills	Mr. Santosh Tripathi, Buddha Engineering College, Gorakhpur

**32. Code of ethics for research followed by the departments**

As per the 2009 Regulations of UGC, New Delhi

**33. Student profile programme-wise:**

Name of the Programme	Year	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
MBA (HRD)*	2012		10	10	90	100
	2013		7	10	100	100
	2014	170**	13	13	Pursuing	Pursuing
	2015	206**	11	13	Pursuing	Pursuing
MHRD	2012		9	5	100%	100%
	2013		3	2	100%	100%
	2014	170	2	1	Pursuing	Pursuing
	2015	206	Nil	Nil	Pursuing	Pursuing
Ph.D. in HRD	2012	-	-	-	-	-
	2013	-	-	-	-	-
	2014	-	-	-	-	-
	2015	08	01	01	-	-

\*Admissions from UPTU, left seats from PUCAT

\*\*Combined MBA applications for all courses in MBA called for on vacant seats

**34. Diversity of Students**

Name of the programme (Refer to question	% of students from the same University	% of students from other universities	% of students from universities outside the state	% of students from other countries
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no 4)		within the state		
MBA (HRD)	74	26	Nil	Nil
MHRD	66	34	Nil	Nil
Ph.D. in HRD	100	100	Nil	Nil

**35. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise (in last four years): 01 (OBC)**

**36. Student progression:**

Our programme is a PG level professional course, that prepares and encourages joining as practitioners in the field.

Student progression	Percentage against enrolled
PG to Ph.D..	1.6
Ph.D.. to Post-Doctoral	No
Employed	
• Campus selection	No
• Other than campus recruitment	75
Entrepreneurs/Self employed	08

**37. Diversity of staff**

Percentage of faculty who are graduates	
of the same University	20
from other Universities within the State	40
from Universities from other States	40
from Universities outside the country	No

**38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

Nil

**39. Present details of departmental infrastructure facilities with regard to**

- **Library:** Library has books, magazines and newspapers on to facilitate the students.
- **Internet facilities for staff and students:** Internet ports are available in all the rooms and computers are provided to staff.
- **Classrooms with ICT facility:** The department has been allocated 03 classrooms equipped with projectors for classrooms presentations. Apart from centralized facility the department has been provided with internet connectivity.
- **Students' laboratories:** Fully furnished two computer labs are available for the classes on sharing basis.

**40. List of doctoral students**

**a) From the host institution/ University**

- Ms. Santosh Asthana, Research Scholar
- Mr. Swadesh Deepak, Research Scholar
- Ms. Swati Gupta, Research Scholar

**b) From other institutions/Universities**

Nil

**41. Number of post graduate students getting financial assistance from the University:**

Year	Students
2013	45
2014	51
2015	41

**42. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.**

No

**43. Does the department obtain feedback from**

**a) Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? Yes**

Suggestions by faculty members are compiled and incorporated designing the content of the syllabus and put forth in forthcoming Board of Studies for discussion and recommendation.

**b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes

Feedback is obtained through structured questionnaire from students covering above mentioned areas and discussed in the faculty meetings time to time. Accordingly content and is prepared so that teaching-learning may be effective.

**c) Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Yes

When the alumni visit the department, informal feedback is taken from them and their suggestions are incorporated in forthcoming Board of Studies. The alumni members help to get suggestion/feedback from their organization with regard to curriculum and programmes.

**44. List the distinguished alumni of the department (maximum 10):**

Sl.	Name	Designation	Organization	Batch
1	Mr. Balwant Singh	Asst. General Manager HR & Admin	Rama Power & Steel (P) Ltd, Raipur (CG)	2002-04
2	Mr. Kaushlesh Narayan Singh	Manager-Personnel	National Mineral Development Corporation (NMDC), Panna (MP)	2001-03
3	Mr. Sudhanshu Verma	Dy. Manager-HR	National Mineral Development Corporation (NMDC), Dantewada (CG)	2002-04
4	Mr. Vivekanand Dubey	HR Manager	Siesta Group Ltd. Gurgaon	2005-07
5	Mr. Prateek Pandey	Manager-HR	Cardinal Technology Solutions, Lucknow	2002-04
6	Mr. Rohit Kumar	Executive-HR	Damodar Valley Corporation	2004-06
7	Mr. Prem Prakash Singh	Asst. Mgr-HR	Jai Corp Ltd.	2004-06
8	Mr. Shivaji Singh	Manager-HR (North)	Coromandal International (Murugappa Group)	2004-06
9	Mr. Arunendra Shukla	Asst. Manager-HR	African Steels Mills, Nigeria	2003-05
10	Dr. Amit Srivastava	Assistant Professor	TA Pai Management Institute, Bangalore	1999- 2001

**45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:**

WORKSHOP ORGANIZED AT DEPARTMENT

Sl.	Date	Topic	Resource Person	University/ Organization
1	18/03/2013		Mr. P. N. Singh	
2	22/03/2013	Job Search Skill for success	Prof. Manoj Patwardhan	IIITM, Gwalior
3	25/04/2013	Two days workshop	Dr. Ajay Wagh	IGNTU, Amarkantak M.P.
4	24/10/2013	Latest tools in Statistics	Dr. Steve Baiber	
5	08/02/2014		Prof. Raj kumar	BHU, Varanasi
6	01/03/2014	Creativity and Management	Prof. S. K. Singh	BHU, Varanasi
6	09/04/2014		Mr. Hemant Kumar	Indorama Group, Mumbai
7	11/11/2014	Global Competiveness and Industry Requirement	Prof. R. K. Lodhwal	FMS, BHU, Varanasi
8	20/02/2015	HR Conclave	Prof. S. Rangnekar	IIT, Roorkee
			Mr. V. K. Dhawan	SAIL, Delhi
			Mr. Hemant Kumar	Indorama Group, Mumbai
			Mr. Pramod Chaturvedi	ISTD, Lucknow

			Mr. M. M. Khan	Hindalco, Renukoot
			Prof. Ajay Singh	University of Delhi
9	04/04/2015	Employability Skill	Dr. Santosh Tripathi	BIT, Gorkhpur
10	15/04/2015	Self Discipline	Brigadier B. S. Thakur	
11	12/09/2015	Career Management	Prof. Ajay Singh	University of Delhi
12	12/09/2015	Do's & Don'ts in Report Writing	Prof. R. K. Lodhwal	FMS, BHU, Varanasi

**46. List the teaching methods adopted by the faculty for different programmes.**

- Role play
- Simulation Exercises
- Caselets
- Dissertation
- Projects
- Assignment
- Presentation
- Industrial Visits and field trips

**47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

- Follow up through regular meetings with faculty, staff, and students
- Assessment through sessional exams, assignments, presentations and class participation

**48. Highlight the participation of students and faculty in extension activities.**

Students from the department worked for generating awareness among the villagers on the issues related to child exploitation and child rights.

**49. Give details of "beyond syllabus scholarly activities" of the department.**

- Wall magazine:  
Students are assigned the duty for wall magazine preparation at the beginning of the session. The duty chart is displayed on department's notice board. Accordingly every student prepares his/her wall magazine on any specific topic putting his/her creativity. In this activity departmental faculty helps them to get material from different sources. To ensure transfer of learning from the matter displayed.
- Thought for the day:  
To inculcate value and sensitize students on different aspects of life students are assigned to display thought for the day. A schedule is prepared and fixed on the notice board in the beginning of the semester.
- Management Terminology:  
Every student of the department has to write one word of management vocabulary on the board. He/she also need to elaborate on the term.
- Community Activity/ Field trips:  
Students participate in awareness generation for protecting child right and spreading sensitivity towards need of child education.  
Learn through reflection on the experiences.

**50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

No

**51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

The research projects by the faculty and the papers published are the contributions in generating new knowledge especially in the area of understanding human behaviour with respect to HR practices in the organizations. It helps in improving HR application by practitioners.

**52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:**

Strengths:

- Our Curriculum captures all the relevant areas to provide specialized knowledge and skill to students in Human Resource Management.
- Well qualified and trained faculty, along with an interdisciplinary approach in teaching.
- Our bond with alumni provides opportunity for the present students and the department to learn HR practices from them and their continuous support to the students in getting gainful employment.

- Empowered students of the department get to choose project in their interest area, participate in department committees for presentation and field trip, etc., they reflect and articulate the knowledge and experience gained through presentations and assignment, they provide feedback to their peers during presentations, and give their opinion during teachers' student interaction.
- Sincere faculty members give time to students after the class and help the slow learners.
- Regular classes and focus on discussion of the various dimensions of the subject content.
- Industrial visits, field trips and training in industry provide experiential learning to the students.
- HR Conclave and special lectures/ workshops by eminent people from academics and corporate.

#### Weakness

- Number of faculty members is less. Regular positions are lying vacant in the department.
- Students belong to rural background and come from vernacular medium and low in communication skill
- Far from industrial location, more industry exposure required by the student

#### Opportunities

- Opportunity to educate rural people as the University was established in the region to bring the rural and economically backward population to the mainstream.
- Provide opportunity for employment through professional course
- An opportunity for extension activities in the adjoining villages gives the department to serve the community in terms of generating awareness.

#### Challenges

- Training & Placement of the students
- Admission of meritorious students to the department
- To reduce gap between industry and academia

### **53. Future plans of the department**

- Centre for research in Human Resource Development for actively working on consultancy projects, development programmes and promote research on HR issues at micro and macro level.
- Broaden extension activities by involving students regularly to built more of experiential learning and sensitivity..
- Collaboration with other institutions for workshop/research/seminar.
- To focus more on industry department interface through alumni.
- Encourage interdisciplinary work and entrepreneurship development

## **DEPARTMENT OF BUSINESS ECONOMICS**

1. Name of the Department **Department of Business Economics**
2. Year of establishment 1998
3. Is the Department part of a School/Faculty of the university? **Faculty of University**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt, etc.) **MBA (Business Economic), Ph.D**
5. Interdisciplinary programmes and departments involved..Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil
7. Details of programmes discontinued, if any, with reasons. Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System. **Semester**
9. Participation of the department in the courses offered by other departments. **Yes, Interdisciplinary teaching in Humanities Faculty of Engineering**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	Nil	Nil
Associate Professors	02	01	03
Asst Professors	04	03	01
Others			

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided in last 4 years
Dr Manas Pandey	MCom,PhD	Associate Professor	Finance,Accounting,Entrepreneurship	22	5
Dr H C Purohit (Onlien)	MCom,PhD	Associate Professor	Marketing, Consumer Behaviour	18	-
Dr V D Sharma	MSc,MA,BEd,PGDFM,PhD	Associate Professor	HRM	18	-
Dr Ashutosh Kr Singh	BSc,MBA, PhD	Assistant Professor	International Marketing,OR	14	-

**12. list of senior Visiting Fellows, adjunct faculty, emeritus professors**  
Visiting Fellows

- Prof B.P.Singh, Formerly Professor of Delhi School of Economics, Delhi University, Delhi
- Prof K S Jaiswal, Faculty of Commerce and Mgmt Studies, MGKVP, Varanasi
- Pof K N Bandani, IIM Kashipur, Prof A K Mukherjee, MONIRBA, Allahabad
- Prof S K Sharma, Dayalbagh Educational Institution,, Agra
- Prof. Sanjay Srivastava, Head, Deptt. Of MANAgement, CSJM University, Kanpur
- Prof. Ashish Bajpai  
Faculty of Management  
BHU, Varanasi
- Prof. Guru Charan Singh  
School of Management  
Punjabi University, Patiala
- Prof. Ran Singh Dhaliwal  
School of Management  
Punjabi University, Patiala
- Prof. Manjit Singh  
School of Applied Management  
Punjabi University, Patiala
- Prof.P.N.Mishra  
Department of Management  
Devi Ahilya University, Indore

Prof.Rajiv Dubey  
Deptt. Of Business Economics  
APS University, Rewa

13. Percentage of classes taken by temporary faculty - programme-wise information: **0%**
14. Programme-wise Student Teacher Ratio  
**MBA (Business Economic) 9:1**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.  
**Technical 01, Administrative 01, Peon 01**
16. Research thrust areas as recognized by major funding agencies  
**Entrepreneur, Corporate Finance, Consumer Behavior, Retail**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.  
**Completed Two major research projects funded by UGC (2005)**
18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
20. Research facility / centre with
- state recognition
  - national recognition
  - international recognition
- Entrepreneurship Development Research**
21. Special research laboratories sponsored by / created by industry or corporate bodies
22. Publications:
- Number of papers published in peer reviewed journals (national / international) 50
  - Monographs Nil
  - Chapters in Books 05
  - Edited Books 01
  - Books with ISBN with details of publishers 01
  - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) Nil
  - Citation Index - range / average t
  - SNIP
  - SJR
  - Impact Factor - range C average
  - h-index
23. Details of patents and income generated- Nil
24. Areas of consultancy and income generated -Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad  
**Dr Manas Pandey: Attended the World Finance Conference in Portugal and Greece**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)
- Editorial Board: 1. Dr H C Purohit  
Journal of Business & Finance, Research  
Discourse,  
Department of Financial Studies  
VBSPU, Jaunpur
2. Dr Manas Pandey  
Chief Editor, Journal of Business Vision  
Department of Business Economics  
VBSPU, Jaunpur



27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**All the above recharging strategies**

28. Student projects

- percentage of students who have done in-house projects, including interdepartmental projects- Nil
- percentage of students doing projects in collaboration with other universities / industry / institute **100% Summer training in Industry**

29. Awards / recognitions received at the national and international level by

- Faculty:  
**Best Business Academic Award of the year 2008, Silver Medal by AICA to Dr Manas Pandey  
Fellow of AICA, awarded in the year 2009 to Dr. Manas Pandey  
Prof Manubhai Shah best Research paper award by AICA to Dr H C Purohit  
Felicited by Lions Club on 5<sup>th</sup> September, 2016.**

- Doctoral / post doctoral fellows

- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **60**

31. Code of ethics for research followed by the departments

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA (BE) 2014-15	Admission	22	01	-----	
MBA (BE) 2015-16	through	10	04		
MBA (BE) 2016-17	UPSEE/PUCAT	10	01		

33. Diversity of Students

Name of the programme (Refer to question no 4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MBA (BE) 2014-15	92%	8%	-	-
MBA (BE) 2015-16	86%	14%	-	-
MBA (BE) 2016-17	90	10	-	-

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to MPhil.	Nil
PG to Ph.D.	10
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	10
• Other than campus recruitment	75
Entrepreneurs	10

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	13 "J
from other universities within the State	7~
from universities from other States	25
from universities outside the country	-

37. Number of faculty who were awarded MPhil., Ph.D.D.Sc. and D.Litt during the assessment period **nil**

38. Present details of departmental infrastructure facilities with regard to

- Library **Departmental Library**
- Internet facilities for staff and students **Yes**
- Total number of classrooms **03**
- Classroom with ICT facility **02**
- Students' laboratories **Computer Lab 01**
- Research laboratories **Nil**

39. List of doctoral/ post-doctoral students and Research Associates

- From the host institution/ university. Doctoral 7

Under Dr Manas Pandey

**Gyan Prakash**

**Pankaj Tiwari**

**Shamim Ahmend**

**Neetu Pathak**

**Anjaney Pandey**

**Devendra Malviya**

**Satish K Dogra**

- from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. NIL (90% getting assistance from Social welfare deptt.)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Nil

42. Does the department obtain feedback from: Yes

d) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, Regular **Departmental Meeting between the faculty members to evaluate the current curriculum and suggest any modification required. The feedback is then incorporated in the curriculum in the Board of Studies.**

e) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**The students are required to evaluate the performance of the faculty members on various parameters such as teaching methodology used, ability to clarify the topic, articulation etc.**

f) alumni and employers on the programmes offered and how does the department utilize the feedback? **Yes During Alumni meet the alumni's are made to interact with the students to share their hands on experience with the corporate exposure which is then brought into the curriculum and made part of the academics.**

43. List the distinguished alumni of the department (maximum 10)

Name	Designation
Mr Amit Srivastava	Direcor IPM ,Jaunpur
Dr Sushil Singh	Asst Prof, IGNTU, Amarkantak
Dr Neetu pathak	SHEAT, Varanasi
Dr Sushma Maurya	Jhunjunwala Institute ,Faizabad
GNIT, Gr Noida	Dr Satyendra Singh
Dr Brajesh Singh	Galgotia, GR Noida
Dr Vinish Ojha	KNIPSS, Sultanpur
Ms Nivedita Verma	KIT, Varanasi
Dr. Devendra Malviya	Shivani Locks, Delhi
Mr. Indushekhar Pandey	HDFC, New Delhi
Dr. Pankaj Tiwari,	Singhania University, Rajasthan

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.  
Workshop :
1. **Workshop on Green Economy by Prof S P Singh, VC**
  2. **Workshop on Financial Inclusion and Challenges by Prof Arvind Kumar, Prof, Lucknow University**
  3. **Workshop on Job Opportunities for Management Students by Prof KK Agrawal, MGKVP, Varanasi**
45. List the teaching methods adopted by the faculty for different programmes. **Case Study, Role Plays, Presentation, Industrial Visits, Seminars**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Through regular class evaluation, presentations and conduction of industrial projects.**
47. Highlight the participation of students and faculty in extension activities. **Regular visits to rural areas to promote entrepreneurship and propagate the awareness of other govt welfare schemes.**
48. Give details of "beyond syllabus scholarly activities" of the department. **1. Bapu Bazar 2. Sports 3. Cultural activities 4. Social Issues programmes like Blood Donation Camps etc.**
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **Yes by NAAC, which commended the dept for its best teaching and learning practices.**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Nil
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

- **Highly Qualified, Experienced and dedicated faculty members**
- **24 hour High Speed Internet in all classrooms and faculty rooms**
- **Enriched Library**
- **Computer Lab**
- **Conducive academic ambience for learners.**
- **Supporting Infrastructure like Elegant Lecture Hall, Conference Hall, Faculty Chambers.**
- **While efficiently performing their teaching and research duties, a majority of the faculty members are also actively engaged in the University's Administrative work.**

**Weakness:**

- **Remote Rural Location**
- **No advertisement of the programs run by the university**
- **Poor Commuting Facilities**
- **State Govt Hassels and Red tapism**
- **Inadequate Faculty Strength since its inception**
- **Involvement of faculty member in Administrative work.**

**Opportunities:**

- **Excellent student base (huge number of students graduating from affiliated colleges)**
- **Increasing demand for Business Analyst and Advisors**
- **Enormous Scope for Budding Entrepreneurs in small and medium Enterprises**
- **Govt Promotional Schemes for Entrepreneurs**
- **Ample Infrastructural support facilities for undergoing Research and Consultancy**
- **Highly Experienced Faculty Members can fetch projects from funding agencies which eventually strengthen the department.**

**Challenges**

- **Competition from Private Business Institutions.**
- **Student poor academic knowledge and Communication**
- **Delay in starting Admission process.**
- **Policy of the state govt. for the admission in University courses through state level entrance exam.**
- **The major catchment area of University is rural area and the population is of low income group. The students from these areas are not able to afford fees.**

## 52. Future plans of the department

The Department is committed to justify the objectives envisaged in the vision by way of creating, executing and disseminating the knowledge and social responsibility to the underprivileged population.

The Department has always strived to impart quality education in the field of management through holistic teaching, learning and research. The fundamental approach which imbibes the philosophy of the department is to cater to the needs of the industries who are in need of business analyst and advisors who could chalk out a plan for the success of the organization. The Department looks forward to develop new breed of managers who would sail the industry to new horizons through their comprehensive in depth knowledge, hands on experience and unparalleled prudence. For this the department focuses on econometric models and knowledge to enable students to analyze the business problems and develop strategies to tackle it.

## DEPARTMENT OF FINANCIAL STUDIES

1. Name of the Department: Department of Financial Studies
2. Year of establishment: 1998
3. Is the Department part of a School/Faculty of the university?: YES
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
Post Graduate: MBA (Finance & Control), Ph.D and D. Litt.
5. Interdisciplinary programmes and departments involved: YES
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: NO
7. Details of programmes discontinued, if any, with reasons: YES, MFC [UGC has prescribed new nomenclature as MBA (Finance & Control)]
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Semester System
9. Participation of the department in the courses offered by other departments: YES
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	NIL	NIL
Associate Professors	02	01	02
Asst. Professors	04	04	03
Others	NIL	01	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. S.K. Sinha (On Lien)	M.Com., M.Phil., Ph.D. UGC-NET	Associate Professor	Financial Management and Investment Management	19	02
Dr. Ajay Dwivedi	M.Com., Ph.D	Associate Professor	Financial Management, Investment Management and Financial Derivatives	15	
Mr. Sachin Agrawal (On Lien)	M.Com., UGC-NET	Assistant Professor	Business and Corporate Laws and Income Tax	14	
Mr. Alok Gupta	B.Tech. MBA, UGC-NET	Assistant Professor	Marketing and Finance	12	
Mr. Sushil Kumar	M.Com., LLB, UGC-NET, Ph.D	Assistant Professor	Accounting and Finance	07	

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
	(Pursuing)				
Mohd. Abu Saleh	B.Com, MBA (Finance & Control), UGC-NET	Guest Faculty	Accounting & Finance	02	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
  - a. Prof. G.C.R.Jaiswal, Vice-chancellor, Dr. RML Avadh University, Faizabad
  - b. Prof. Vanita Tripathi, Delhi School of Economics
  - c. Prof. Somesh Shukla, University of Lucknow
  - d. Prof. H.K. Singh, Banaras Hindu University
  - e. Prof. Rajkumar, Banaras Hindu University
  - f. Prof. K.M. Badani, IIM Kashipur
  - g. Dr. Rakesh Sahni, Delhi University
  - h. Prof. H.P. Mathur, Banaras Hindu University
  - i. Dr. Shashi Srivastava, Banaras Hindu University
  - j. Prof. K.K. Agrawal, MG Kashi Vidyapeeth
  - k. Prof. R.S. Meena, Banaras Hindu University
  - l. Prof. Ravindra Vinayak, MDU Rohtak
13. Percentage of classes taken by temporary faculty – programme-wise information: 25%
14. Programme-wise Student Teacher Ratio: 16:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual  
Technical – 01  
Administrative – 01  
Peon – 01
16. Research thrust areas as recognized by major funding agencies: UGC: **Micro Finance and Entrepreneurship**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.  
**Completed one major funded by UGC in 2005**
18. Inter-institutional collaborative projects and associated grants received  
e) National collaboration b) International collaboration  
NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.  
**One grant of Rs. 5.50 lakh has been received from ICSSR.**
20. Research facility / centre with
  - state recognition
  - national recognition
  - international recognition
  - completed one major project funded by UGC in 2005
21. Special research laboratories sponsored by / created by industry or corporate bodies: NIL
22. Publications:
  - \* Number of papers published in peer reviewed journals (national / international): 38
  - \* Monographs: NIL
  - \* Chapters in Books: 05
  - \* Edited Books: 04
  - \* Books with ISBN with details of publishers NIL
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
  - \* Citation Index – range / average: NIL
  - \* SNIP: NIL
  - \* SJR: NIL

- \* Impact Factor – range / average: NIL  
 \* h-index: NIL
23. Details of patents and income generated: NIL  
 24. Areas of consultancy and income generated: NIL  
 25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: 01  
 Dr. Ajay Dwivedi, Mekelle University, Federal Democratic Republic of Ethiopia.
26. Faculty serving in  
 a) National committees b) International committees c) Editorial Boards d) any other (please specify): 05  
 a. Dr. S.K. Sinha, Chief Editor, Journal of Business and Finance  
 b. Dr. Ajay Dwivedi, Member, Editorial Board, GGGI Management Review  
 c. Dr. Ajay Dwivedi, Member, Editorial Board and Advisory, Journal of Management Value and Ethics, Gwalior Management Academy, Gwalior, Madhya Pradesh  
 d. Mr. Sachin Agrawal, Journal of Business and Finance  
 e. Mr. Sushil Kumar, Member, Review Board, Journal of Business Science
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).  
 All the above faculties have been actively participated in the UGC-HRDC, Refresher course/orientation programs, workshops, training programs and similar programs
28. Student projects  
 • percentage of students who have done in-house projects including inter-departmental projects: NIL  
 • percentage of students doing projects in collaboration with other universities / industry / institute: 100%
29. Awards / recognitions received at the national and international level by  
 • Faculty  
 • Doctoral / post doctoral fellows  
 • Students  
 NIL
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.  
**02 National seminar funded by ICSSR**
31. Code of ethics for research followed by the departments: NIL

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA (F&C) 2014-2016	UPSEE/PUCAT	28:04		100%	
MBA (F&C) 2015-2017	UPSEE/PUCAT	16:07		100%	
MBA (F&C) 2016-2018	UPSEE/PUCAT	30:10		To be appeared in examination	

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MBA (F&C)-III Sem.	100%	NIL	NIL	NIL
MBA (F&C)-I Sem.	78%	20%	2%	NIL

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.  
**One student has cleared UGC-NET in .....**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	N/A
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL

Student progression	Percentage against enrolled
Employed	
• Campus selection	20%
• Other than campus recruitment	60%
Entrepreneurs	10%

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	33.33%
from other universities within the State	50.00%
from universities from other States	16.67%
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: NIL

38. Present details of departmental infrastructural facilities with regard to

a) Library

(i) 01 Department Library

(ii) 01 Central Library

b) Internet facilities for staff and students: 100% Complete internet facilities for faculty, staff and students. Each and every room even classrooms are well connected with internet facility.

c) Total number of class rooms: 02

d) Class rooms with ICT facility: 02

e) Students' laboratories: 01 Faculty Computer Lab on sharing basis.

f) Research laboratories: 01 University Computer Lab on sharing basis.

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university: NIL

b) from other institutions/universities: NIL

40. Number of post graduate students getting financial assistance from the university: NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: NIL

42. Does the department obtain feedback from

l. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?: YES

m. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The students are required to evaluate the performance of teacher on various parameter such as teaching methodology used, ability to clarify the topic etc.

n. alumni and employers on the programmes offered and how does the department utilize the feedback?

YES, during alumni are made to interact with the students to share their hands on experience with the corporate exposure which is brought into the curriculum and made part of the academics.

43. List the distinguished alumni of the department (maximum 10)

a. Dr. Sirish Asthana, OSD, Vice-chancellor, Dr. Ram Manohar Lohia Avadh University, Faizabad.

b. Mr. Ravi Kumar, Faculty at IPM, Jaunpur.

c. Dr. Swati Srivastava, Faculty, Sacred Hearts, IBM, Sitapur.

d. Mr. Pawan Sahu, Branch Manager, STARWING commodities Pvt. Ltd., Varanasi.

e. Mr. Mahendra Yadav, Finance Manager, Kukreja Group, Mumbai.

f. Mr. Brijesh Mishra, Deputy Manager, ICICI Bank, Rudrapur, Uttarakhand.

g. Mr. Sarosh Gupta, SAP India, Bangalore.

h. Mr. Manish Kumar Singh, Assistant Vice-President, Unicon Securities Ltd., New Delhi.

i. Mr. Sudhir Kumar Sahi, Area Head, Aditya Birla Money Ltd.

j. Mr. Vivek Gupta, SBI, Lucknow

k. Ms. Shivi Rai, Probationary Officer, Union Bank of India, Lucknow.

l. Mr. Anmol Srivastava, NTPC, Patna.

m. Mr. Anand Gupta, Indus Bank, Dubai.

n. Mr. Rameez Mehdi Mohammad Syed,

o. Mr. Amanullah, Accountant, Sarooh Sharq AlKhaleej Trade, Oman.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**A. Special Lecture:**

a. Prof. O.P. Rai, Banaras Hindu University, Varanasi delivered lecture on "Skill management".

- b. Prof. Vanita Tripathi, Delhi School of Economics delivered lecture on “Emerging trends of capital market”.
- c. Prof. Rajkumar, Banaras Hindu University, delivered lecture on “How to become a successful entrepreneur?”.
- d. Prof. R.S. Meena, Banaras Hindu University delivered a lecture on “Career opportunity in entrepreneurship”.
- e. Deenanath Jhunjhunwala, Entrepreneur, delivered a lecture on “Challenges faced by a successful entrepreneur”.

**B. Workshop:**

- 1. Two days workshop on “Fundamental of Accounting and Finance” was organized on 13-14 January, 2016.
- 2. One week workshop on “Financial Modeling using EXCEL” was organized 31 March - 06 Apr-1, 2016.

**C. Seminar:**

- 1. One day student’s seminar on “Financial Inclusion Initiatives in India: A Way Forward” on 15 September, 2016.

**D. Proposed Activity:**

- 1. Parent Teacher Meeting scheduled to be held on September 22, 2016.
- 2. Alumni Meet-2016 scheduled to be held on September 24, 2016.
- 3. Cultural Fest-2016 scheduled to be held on September 25, 2016.
- 4. Industrial Visit-2016 scheduled to be held on September 27, 2016.

- 45. List the teaching methods adopted by the faculty for different programmes.
  - (a) Case study
  - (b) Role model
  - (c) Industrial visit
  - (d) Presentation
  - (e) Seminar
- 46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
Through regular class evaluation, presentation of industrial project.
- 47. Highlight the participation of students and faculty in extension activities.  
Regular visit to rural area to promote entrepreneurship and promulgate the awareness of financial literacy.
- 48. Give details of “beyond syllabus scholarly activities” of the department.
  - (a) Bapu Bazar,
  - (b) Sports,
  - (c) Cultural activities,
  - (d) Social cause programme like blood donation programme etc.
  - (e) Financial literacy programme
- 49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.  
YES, By NAAC
- 50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. NIL
- 51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
  - A. Strength:
    - a. Qualified and dedicated faculty members
    - b. 24 hours internet facility
    - c. Enriched library (Library digitalization is in process)
    - d. Supporting infrastructure light, elegant lecture hall, conference hall, etc.
    - e. Separate faculty chambers for individual faculty
  - B. Weakness:
    - f. Remote area location
    - g. Poor connectivity with other area
    - h. Inadequate faculty strength
    - i. Long chain of persuasion
    - j. Delayed approval process due to involvement of Government
  - C. Opportunities:
    - k. Increasing demand for financial analyst and advisor
    - l. Scope for budding entrepreneur in small and medium enterprises
    - m. Infrastructural support facility for undergoing research
    - n. Nodal center for carpet study
    - o. Opportunity for students research as many new concepts have been in force



D. Challenges:

- p. Educationally backward area
- q. Delay in admission process
- r. Students have no prior exposure
- s. Retention of faculty
- t. Consultancy

52. Future plans of the department.

The department is always striving to impart quality education in finance through holistic teaching, learning and research. The department looks forward developed new breed of finance manager who would sail the industry to new horizons through their comprehensive in depth knowledge and hands on experience. For this department focuses on econometric models and knowledge to enable the students to analyze problems and develop strategy to tackle it.

## FACULTY OF ENGINEERING AND TECHNOLOGY

### DEPARTMENT OF MECHANICAL ENGINEERING

1. Name of the Department Machanical engineering
2. Year of establishment 1997
3. Is the Department part of a School/Faculty of the university? yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) UG
5. Interdisciplinary programmes and departments involved NONE
6. Courses in collaboration with other universities, industries, foreign institutions, etc. NONE
7. Details of programmes discontinued, if any, with reasons NONE
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Semester
9. Participation of the department in the courses offered by other departments YES
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>02 (1REGULAR+1 CONTRACTUAL)</b>	<b>NIL</b>	<b>NIL</b>
Associate Professors	<b>04(1REGULAR +3CONTRACTUAL)</b>	<b>NIL</b>	<b>NIL</b>
Asst. Professors	<b>10 (1 REGULAR+ 9 CONTRACT)</b>	<b>1REGULAR</b>	
<b>Others</b> Guest Faculty		<b>05</b>	

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
(1)ErRavi Prakash	B.Tech (Electronics & Tally Communication) M.Tech (Electronics Engg.)	Assistant Professor	Communication Technology	16	None
(2)Er. Deep Prakash Singh	B.Tech (Mechanical Engineering) M.Tech (Thermal Engineering)	Assistant Professor as Guest Faculty	Thermal Engineering	3.4	

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided for the last 4 years
(1)ErRavi Prakash	B.Tech (Electronics & Tally Communication) M.Tech (Electronics Engg.)	Assistant Professor	Communication Technology	16	None
(2)Er. Deep Prakash Singh	B.Tech (Mechanical Engineering) M.Tech (Thermal Engineering)	Assistant Professor as Guest Faculty	Thermal Engineering	3.4	
(3) Er Aparna Singh Gaur	B.Tech (Mechanical Engineering) M.Tech (Thermal Engineering)	Assistant Professor as Guest Faculty	Thermal Engineering	3.4	
(4)Er. Pramod Kumar	B.Tech (Mechanical Engineering) M.Tech (Thermal Engineering)	Assistant Professor as Guest Faculty	Thermal Engineering	5	
(5)Er. Awadhesh Kumar	B.Tech (Mechanical Engineering) M.Tech (Civil Engineering)	Assistant Professor as Guest Faculty	Hill Area Development Engineering	2	
(6)Er.Rahul Singh	Integrated B.Tech and M.Tech.(Mechanical Engineering)	Assistant Professor as Guest Faculty	Thermal Engineering	1	
(7)Er.Mohd. Rehan	B.Tech (Mechanical Engineering) M.Tech (Thermal Engineering)	Assistant Professor as Guest Faculty	Thermal Engineering	06	
(8)Er. Shashank Dubey	B.Tech (Mechanical Engineering) M.Tech (Machine Design)	Assistant Professor as Guest Faculty	Machine Design	2	
(9)Er. Arvind Kumar	B.Tech (Mechanical Engineering) M.Tech (Civil Engineering)	Assistant Professor as Guest Faculty	Structural Engineering		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-**None**

13. Percentage of classes taken by temporary faculty – programme-wise information 100%

14. Programme-wise Student Teacher Ratio **50:1**  
 15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic support staff (technical)

Post	sanction	Filled
Fore man	1	3
Lab assistant	2	2
Mechanic	1	1
Carpenter	NIL	1
Welder	NIL	1
Lab attendant	03	3

Total filled-11

Administrative staff

Post	sanction	Filled
Office Assistant	NIL	1
Office Attendant	1	1

16. Research thrust areas as recognized by major funding agencies- **none**  
 17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **none**  
 18. Inter-institutional collaborative projects and associated grants received  
 19. National collaboration b) International collaboration **none**  
 20. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **-None**  
 21. Research facility / centre with  
 22. state recognition **none**  
 23. national recognition **none**  
 24. international recognition **none**  
 25. Special research laboratories sponsored by / created by industry or corporate bodies **none**  
 26. Publications:  
 \* Number of papers published in peer reviewed journals (national / international) **12**  
 \* Monographs  
 \* Chapters in Books  
 \* Edited Books  
 \* Books with ISBN with details of publishers: **-None**  
 \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **-None**  
 \* Citation Index – range / average **-None**  
 \* SNIP **-None**  
 \* SJR **-None**  
 \* Impact Factor – range / average **-None**  
 \* h-index **-None**  
 27. Details of patents and income generated **None**  
 28. Areas of consultancy and income generated **-None**  
 29. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **-None**  
 30. Faculty serving in  
 a) National committees b) International committees c) Editorial Boards d) any other (please specify) **-None**  
 31. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **-None**  
 32. Student projects  
 • percentage of students who have done in-house projects including inter-departmental projects **100%**  
 • percentage of students doing projects in collaboration with other universities / industry / institute  
 33. Awards / recognitions received at the national and international level by

- Faculty-None
- Doctoral / post doctoral fellows-None
- Students -None

34. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.-None

35. Code of ethics for research followed by the departments

36. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Tech.(Mech.)	ThroughUPSEE				
2012	ThroughUPSEE	49	10	100%	100%
2013	ThroughUPSEE	55	05	100%	100%
2014	ThroughUPSEE	52	08	100%	100%
2015	ThroughUPSEE	58	01	100%	100%

37. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech(Mechanical engineering)	Not applicable	Not applicable	Not applicable	Not applicable

38. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Mohammad haider(UR)  
 Prateekpathak(UR)  
 Yatendraprasad (SC)  
 SarfarajahamadidrisI(OBC)  
 Susheelkumar(OBC)  
 Sujeetkumar(OBC)  
 Deepak prajapati (OBC)  
 Bhupendrayadav(OBC)  
 Jetandraverma (OBC)  
 Navneet Kumar Verma (OBC)  
 Zishan Ahmad (UR)  
 Parshu Ram (OBC)  
 Bhuvnesh Kumar (SC)  
 Prabhat Kumar Prajapati (OBC)  
 Raja Kumar (OBC)  
 Surendra Bahadur (SC)  
 Swati Gupta (OBC)

39. Student progression

Student progression	Percentage against enrolled
UG to PG	none
PG to M.Phil.	none
PG to Ph.D.	none
Ph.D. to Post-Doctoral	none
Employed	none
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

40. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	<b>75%</b>
from other universities within the State	25%
from universities from other States	<b>none</b>
from universities outside the country	<b>none</b>

41. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - **none**

42. Present details of departmental infrastructural facilities with regard to

- Library **none**
- Internet facilities for staff and students YES
- Total number of class rooms -03
- Class rooms with ICT facility-03
- Students' laboratories -11
- Research laboratories – **none**
- Smart class room with projectors

43. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university **none**
- from other institutions/universities **none**

44. Number of post graduate students getting financial assistance from the university. **none**

45. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **none**

46. Does the department obtain feedback from

- o. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **Yes , time to time changes are introduced through board of studies**
- p. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, the faculties is communicated with the feed back and necessary improvement are done in teaching –learning methodology**
- q. alumni and employers on the programmes offered and how does the department utilize the feedback? **YES Feed back of alumni is utilized in developing the institute industrial relationship**

47. List the distinguished alumni of the department (maximum 10)

- (1) Neerajkumarsingh (Barbara Shipping Corporation)
- (2) Vivek Misra (ISRO Bangalore )
- (3) Bhupendra Singh (RVNL UP)
- (4) Prateek Pathak (Weather ford international )
- (5) Ravi Singh (Honda japan)
- (6) Pawansingh (Honda india)
- (7) Vipul Chobay (L&T)
- (8) Yash Solanki (JP hadrobhutan)
- (9) Chandra shekharyadav (L&T)
- (10) shahidraza (kiloskerindia)

Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Expert faculties Names

- a) Prof. S.P Tiwari
- b) Dr. Tarique
- c) Dr. U.C Verma

48. List the teaching methods adopted by the faculty for different programmes.

49. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

50. Highlight the participation of students and faculty in extension activities.

51. Give details of “beyond syllabus scholarly activities” of the department. Expert lectures from industry expert , visit to deferent industries

52. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **NONE**

53. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Many New Project has been done by B.tech FINAL year student with the help of Faculty

54. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

- Strength-**(1) Great amount of job opportunity in the country and abroad for the graduate engineers  
 (2) Best quality of students input through state level entrance examination  
 (3) opportunity to work in a developing area

- Weakness-**(1) Lack of faculty at higher level  
 (2) poor industrial environment in near by region

**Opportunities Challenges (SWOC)**

- (1) Good Possibility for employment of Mechanical Engineering graduate  
 (2) To Serve to the weaker section of the society at affordable educational cost .

**Challenges (SWOC)**

- (1) Attracting good faculties to relatively smaller city  
 (2) Lack of government policies to create regular teaching post for sufficient no of faculties to be appointed.  
 55. Future plans of the department.  
 1 To introduce B.Tech part time course in Mechanical Engineering and M.Tech (CAD/CAM)

**DEPARTMENT OF ELECTRICAL ENGINEERING**

- Name of the Department : **Electrical Engineering Department**
- Year of establishment : **1997**
- Is the Department part of a School/Faculty of the university: **Yes**
- Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **UG (B. Tech in Electrical Engineering**
- Interdisciplinary programmes and departments involved : **Electronics Engineering & Mechanical Engineering**
- Courses in collaboration with other universities, industries, foreign institutions, etc.: **No**
- Details of programmes discontinued, if any, with reasons: **No**
- Examination System: **Semester**
- Participation of the department in the courses offered by other departments: **Yes**
- Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>01</b>	<b>00</b>	<b>00</b>
Associate Professors	01	00	00
Asst. Professors	01	01	01
Others	Nil	08	08

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
<b>Mr. Rajnish Bhasker</b>	<b>M. Tech Ph. D Pursuing</b>	<b>Asst. Professor</b>	<b>Control &amp; Instrumentation</b>	<b>16</b>	<b>Nil</b>
<b>Mr. JP Lal</b>	<b>M. Tech</b>	<b>Lecturer (Contract)</b>	<b>Power System</b>	<b>19</b>	<b>Nil</b>
<b>Mr. Satyam Kumar Upadhyay</b>	<b>M. Tech</b>	<b>Lecturer (Guest)</b>	<b>Power System</b>	<b>05</b>	<b>Nil</b>
<b>Mr. Kamlesh Kumar Bhartiya</b>	<b>M. Tech</b>	<b>Lecturer (Guest)</b>	<b>Power Electronics &amp; Drives</b>	<b>05</b>	<b>Nil</b>
<b>Mr. Umesh Kumar Pandey</b>	<b>M. Tech</b>	<b>Lecturer (Guest)</b>	<b>Power System</b>	<b>6.5</b>	<b>Nil</b>
<b>Ms. Jaya Shukla</b>	<b>M. Tech</b>	<b>Lecturer (Guest)</b>	<b>Power System</b>	<b>02</b>	<b>Nil</b>

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Mr. Gulab Chandra Yadav	M. Tech	Lecturer (Guest)	Control & Instrumentation	01	Nil
Mr. Avinash Maurya	M. Tech	Lecturer (Guest)	Power Electronics & Drives	02	Nil
Mr. Vijay Bhagawan Jaiswal	M. Tech	Lecturer (Guest)	Power System		Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

- a. Prof. SP Singh IIT BHU, Varanasi
- b. Prof. SK Nagar IIT BHU, Varanasi
- c. Dr. R. Mahanti IIT BHU, Varanasi
- d. Dr. RS Gorayan IIT BHU, Varanasi
- e. Dr. Devendra Singh IIT BHU, Varanasi
- f. Dr. RK Srivastava IIT BHU, Varanasi
- g. Dr. MK Verma IIT BHU, Varanasi
- h. Dr. Ashish Kumar Singh MNNIT, Allahabad
- i. Dr. Anirudha Narayan MNNIT, Allahabad
- j. Dr. Nitin Singh MNNIT, Allahabad
- k. Dr. Navneet Kumar MNNIT, Allahabad
- l. Prof. TN Shukla KNIT, Sultanpur
- m. Prof. SK Sinha KNIT, Sultanpur
- n. Prof. KS Verma KNIT, Sultanpur
- o. Dr. Dipendra Singh KNIT, Sultanpur
- p. Dr. SP Singh KNIT, Sultanpur
- q. Dr. Bindeshwar Singh KNIT, Sultanpur
- r. Dr. Kuldeep Sahai IET, Lucknow
- s. Dr. Satyendra Singh IET, Lucknow
- t. Dr. KP Singh MMMREC, Gorakhpur
- u. Dr. Sanjay Kumar Maurya GLA University Mathura

13. Percentage of classes taken by temporary faculty – programme-wise information:

**B. Tech: 90%**

14. Programme-wise Student Teacher Ratio: **27:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

	Sanctioned	Filled	Actual (including CAS& MPS)
support staff (technical)	<b>15</b>	<b>02</b>	<b>02</b>
administrative staff	<b>02</b>	<b>02</b>	<b>02</b>

16. Research thrust areas as recognized by major funding agencies: **No**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : **No**

18. Inter-institutional collaborative projects and associated grants received

f) National collaboration b) International collaboration : **No**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **No**

20. Research facility / centre with : **No**

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : **No**

22. Publications:

\* Number of papers published in peer reviewed journals (national / international)



- \* **National** **00**
- \* **Conference Proceedings** **02**
- \* **International** **09**
- **Pramod Kumar, Rajneesh Bhasker, Ravi Prakash, Sudhir Singh** “Continuous mode of sepic converter using separately excited dc motor load”, *GJCAT*, pp-941-944 Volume 2 Issue 1- 2012.
- **Satyam Kumar Upadhyay**, SudhanshuTripathi “Optimization and Control of a Variable Speed Wind Turbine with a Permanent Magnet Synchronous Generator”, *International Journal of Engineering Trends and Technology (IJETT)* – pp-2737-2745 Volume 4 Issue 6- June 2013.
- Neeraj singh, Surya prakash, Abhishek Chaturvedi, **Satyam Kumar Upadhyay**“Enhancement of Voltage Stability of Transmission System Using Series Capacitor and Static VAR Compensator through Matlab Programming”, *International Journal of Engineering Science and Innovative Technology (IJESIT)* – pp-359-366 Volume 2 Issue 3- May 2013.
- **Jaya Shukla**, Dr. Jyoti Shrivastava, “Analysis of PV Array System with Buck-Boost Converter Using Perturb & Observe Method” *International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering*, pp-51-57, Vol. 3, Issue 3, March 2015
- **Kamlesh Kumar Bhartiya**, Mr. K.P. Singh, Dr. A. N. Tiwari, “Analysis of Push-Pull Class-E Inverter for Induction Heating”, *International Journal of Engineering Research & Technology (IJERT)* pp-01-05, Vol. 1 Issue 4, June – 2012, ISSN: 2278-0181
- Aniket Anand, KP Singh, **Kamlesh Kumar Bhartiya**, Deepshikha Jaiswal, “Smart material based silicon carbide devices & its role in power electronics circuits”, published in active and smart materials conference organized by MMM Gorakhpur.
- Avinash Maurya, KG Upadhyay“*Mitigation of Short Term Voltage Variations Using PV Based DVR*” in the *IJSRD International Journal for Scientific Research & Development*, Vol. 2, pp. 32-36, Issue 06, 2014, ISSN (online): 2321-0613.
- Gaurav kr. Mishra, Dr AK pandey, Avinash Maurya“*Combined Armature and Field Speed Control of DC Motor for Efficiency Enhancement*”, *SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE)*, Vol. 1, pp. 34-39, Issue 6, August 2014.
- Rajendra Singh, Avinash Maurya“*Three-Phase Voltage Source PWM Rectifier Control with Discrete 12 Pulse Generator*”, *GJESR Research Paper*, Vol. 1, pp. 14-21, Issue 07, August 2014, ISSN: 2349-283X.
- Rajendra Singh, Avinash Maurya“*Performance of PWM Rectifier with Different Types of Load*”, *IJSRD-International Journal for Scientific Research & Development*, Vol. 2, pp. 65-68, Issue 07, September 2014, ISSN (online): 2321-0613.
- VB Jaiswal, AK Gautam, SP Singh , JP Pandey, RP Payasi,”Optimal sizing & siting of DG with Load Models using Genetic Algorithm under different loading conditions”, Published in conference of ICETEES-16.
- \* Monographs: Nil
- \* Chapters in Books: Nil
- \* Edited Books : Nil
- \* Books with ISBN with details of publishers: Nil
- \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : Nil
- \* Citation Index – range / average : N/A
- \* SNIP:
- \* SJR:
- \* Impact Factor – range / average 0.86-2.00
- \* h-index N/A

23. Details of patents and income generated : **NO**
24. Areas of consultancy and income generated : **NO**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NO**
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify): **NO**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
28. Student projects  
  - percentage of students who have done in-house projects including inter-departmental projects: **100%**
  - percentage of students doing projects in collaboration with other universities / industry / institute : **No**
29. Awards / recognitions received at the national and international level by :**NO**  
  - Faculty
  - Doctoral / post doctoral fellows
  - Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
31. Code of ethics for research followed by the departments : **NO**

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Session	Applications received	Selected		Pass percentage	
			Male	Female	Male	Female
B. Tech	2016-2017	Admitted Through AKTU	45	03	Continued	
B. Tech	2015-2016	Admitted Through UPTU	51	04	Continued	
B. Tech	2014-2015	Admitted Through UPTU	48	12	Continued	
B. Tech	2013-2014	Admitted Through UPTU	47	13	Continued	
B. Tech	2012-2013	Admitted Through UPTU	51	07	100%	100%

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B. Tech (All over India)	Nil	Nil	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Exam	Total	SC/ST	OBC	Gen
GATE	06	02	04	01

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>10</b>
PG to M.Phil.	Nil
PG to Ph.D.	Nil

<b>Student progression</b>	<b>Percentage against enrolled</b>
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	50
Entrepreneurs	Nil

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	<b>55</b>
from other universities within the State	45
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **Nil**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **NO**  
b) Internet facilities for staff and students : **Yes**  
c) Total number of class rooms : **03**  
d) Class rooms with ICT facility : **NO**  
e) Students' laboratories : **04**  
f) Research laboratories : **NO**

39. List of doctoral, post-doctoral students and Research Associates : **NO**

- a) from the host institution/university  
b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. **NO**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **NO**

42. Does the department obtain feedback from

- r. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**For extension of services of Contractual& Guest Faculties.**

- s. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, For improvement of Teaching**

- t. Alumni and employers on the programmes offered and how does the department utilize the feedback?  
**NO**

43. List the distinguished alumni of the department (maximum 10)

1. Mr. Abhishek Srivastava (UPVVNL)
2. Mr. Manmohan Shukla (HPPCL)
3. Mr. Brijesh Singh (Asst. Prof. Aligarh)
4. Mr. Ashutosh Singh (RVUNL)
5. Mr. Prem Chandra Patel (MPPCL)
6. Mr. Vijay Yadav (MVVNL)
7. Mr. Avinash Dubey (Surya Roshni Ltd.)
8. Mr. Ravi Shankar (ITDC)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Invited Lectures from eminent personalities

1. Robotics Workshop, UNSIET VBS Purvanchal University, 22-24 Feb 2010.
2. Faculty Training Workshop on Ethical Hacking & Information Security Conducted by Kyrion Digital Securities at VBS Purvanchal University, 09-10 April 2011.
3. Cyborg the robotics workshop conducted by Kyrion robotics club at VBS Purvanchal University, 15-16 April 2012.
4. Workshop on Ethical Hacking, conducted by Ankit Fadia, 13-14 April 2013.
5. Special lecture by Dr. Nitin Singh on Neural Networks & Fuzzy Syatem (24 Sep 2016)

45. List the teaching methods adopted by the faculty for different programmes.

**Through classical and modern methods (powerpoint) & online**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

**Time to time meetings and discussions with Head and Faculty members**

- Time to time conducting class tests & oral presentation of students**
47. Highlight the participation of students and faculty in extension activities.  
**Workshops, Special Lectures, & Cultural Activities etc.,**
  48. Give details of “beyond syllabus scholarly activities” of the department.  
**Department Organize Industrial Visit time to time, Spreading awareness for saving electricity around the University**
  49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **NO**
  50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Our University is located in remote area; hence we are helping people for efficient use of electrical appliances so that maximum amount of electricity get saved, how to cure people after electric shock as the proper medical facilities are not available in remote areas, & trying to provide knowledge about new technologies and appliances so that they can compete in this modern world.**
  51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.  
**Strength: Hard work, sincerity, regularity, dedication towards students and institution.  
Weakness: Lack of teaching staff, specialized research lab, resources, Proper power supply.  
Opportunities and challenges: To compete with other institution of national repute in the era of globalization, privatization and liberalization.**
  52. Future plans of the department.  
**To modernize the department with latest equipment, to develop smart class rooms, to create awareness of saving of electricity and preventive measures among rural people as far as out programme is concerned.**

#### DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1. Name of the Department – Department of Electronics Engineering
2. Year of establishment- 1997
3. Is the Department part of a School/Faculty of the university?-YES
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) – B.TECH in 1) Electronics and Communication Engg. 2) Electronics and Instrumentation.
5. Interdisciplinary programmes and departments involved- Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.-Nil
7. Details of programmes discontinued, if any, with reasons- Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System – Semester System
9. Participation of the department in the courses offered by other departments – Department offers teaching of its papers running in other departments.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professors	0	0	0
Asst. Professors	1	1	1
Contractual Teachers	17	14	17

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Priti Sharma	M.Tech	Lecture	Microwave	7	NIL
Manisha Yadav	M.Tech	Lecture	Wireless Comm	02	NIL
Vartika Sarkari	M.Tech	Lecture	VLSI	01	NIL
Vishal Yadav	M.Tech	Lecture	VLSI	05	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - Nil
13. Percentage of classes taken by temporary faculty–programme wise information-88%
14. Programme-wise Student Teacher Ratio – 20:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual – 5/5/5

16. Research thrust areas as recognized by major funding agencies - Nil
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.- Nil
18. Inter-institutional collaborative projects and associated grants received -  
g) National collaboration b) International collaboration- Nil
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.- Nil
20. Research facility / centre with
  - state recognition
  - national recognition
  - international recognition - Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies - Nil
22. Publications:
  - \* Number of papers published in peer reviewed journals (national / international) 07/20
  - \* Monographs
  - \* Chapters in Books
  - \* Edited Books
  - \* Books with ISBN with details of publishers
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average
  - \* SNIP
  - \* SJR
  
  - \* Impact Factor – range / average
  - \* h-index
23. Details of patents and income generated - Nil
24. Areas of consultancy and income generated - Nil
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - Nil
26. Faculty serving in  
a) National committees b) International committees c) Editorial Boards d) any other (please specify) - Nil
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). - 2
28. Student projects
  - percentage of students who have done in-house projects including inter-departmental projects – 100%
  - percentage of students doing projects in collaboration with other universities / industry / institute - Nil
29. Awards / recognitions received at the national and international level by
  - Faculty - 1
  - Doctoral / post doctoral fellows - Nil
  - Students - Nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. – 02 Workshop
  - i. One day workshop 23 August, 2016 Speaker Dr .M .Zaheer ,Dr. D .K Mishras from ISTRAC ISRO Lucknow.
  - ii. One week workshop on topic RF/Microwave Systems and photonic sensors.
31. Code of ethics for research followed by the departments - NA
32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Tech (EC) & (EI) 1 <sup>st</sup> year	62	56	06	100%	100%
2 <sup>nd</sup> year	-----	74	13	100%	100%
3 <sup>rd</sup> year	-----	45	21	100%	100%
Final year	-----	36	36	100%	100%

33. Diversity of students – Students are admitted through UPTU/UPSEE.

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

35. Student progression No PG Program

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	60%
from other universities within the State	40%
from universities from other States	NIL
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period – Nil.

38. Present details of departmental infrastructural facilities with regard to

- Library – Faculty Library available.
- Internet facilities for staff and students – Available.
- Total number of class rooms – 6.
- Class rooms with ICT facility – Nil.
- Students' laboratories – 5.
- Research laboratories – 01.

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university – Nil.
- from other institutions/universities – Nil.

40. Number of post graduate students getting financial assistance from the university.- Nil.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.- NA

42. Does the department obtain feedback from

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - No
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? – Yes, to assess the performance of teachers.
- alumni and employers on the programmes offered and how does the department utilize the feedback? - No

43. List the distinguished alumni of the department (maximum 10) – As per enclosure. – Separate sheet attendance.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.- special lectures,science exhibitions,science day, engineers day celebrations etc. are organized. Besides this workshop on Robotics, Mat Lab, Career counseling on soft skills development have been organized.

45. List the teaching methods adopted by the faculty for different programmes. - Remedial

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?- Continuous evaluation and Exercise.

47. Highlight the participation of students and faculty in extension activities.- NSS

48. Give details of “beyond syllabus scholarly activities” of the department.- Workshop

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**

- 1) Highly qualified (Ph.D and M.Tech) Teachers present in the department.
- 2). Labs are well equipped.
- 3). Syllabus in tune with current industrial requirement of new technologies in emerging area.
- 4). Regular workshop and seminar organized for the student.
- 5). Library/Internet facilities for the student.

**Weaknesses**

- 1). There is no PG program started as yet although the proposal has already been submitted in State Government since last 3 years.
- 2). The cumulative effect of above weaknesses directly affect R&D, consultancy and collaborative program.
- 3). Lack of technical laboratory staff in the department.

**Challenges**

- 1) Remotely located in the most backward region which impedes the achievement of set target.

52. Future plans of the department.

- 1). Next few year we will start M. tech. program so that R&D, consultancy activities should start in the department.
- 2). Separate new building having facilities such as in EC department shall be constructing soon, various lab specialized for EI branch and Research lab will be established soon.
- 3). Virtual class room/ smart class room, conference hall and department library will be established.

## **DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

**List of distinguished alumni of the Electronics Engineering Department:**

S.No.	Alumni Name	Work Place
01	Mr. Pallav Tripathi	DRDO Dehradun
02	Mrs. Kiran Gautam	HAL Korwa
03	Mrs. Rupa Tripathi	ATC Bombay
04	Mr. Amresh Shukla	BHEL Bhopal
05	Mr. Ravindra Kumar Chaurasia	HAL Korwa
06	Mr.Rakesh Kumar Yadav	Doordarshan Lucknow
07	Dr.Amit Singh	IIT BHU Varanasi
08	Dr. H.V Singh	KNIT Sultanpur
09	Mr.B.K Pal	ITI Principal Mau
10	Er.Rajesh Prajapati	IPCL Delhi
11	Er. Manoj Prajapati	ECIL Delhi

## DEPARTMENT OF INFORMATION TECHNOLOGY

1. Name of the Department  
**Information Technology**
2. Year of establishment  
**2001**
3. Is the Department part of a School/Faculty of the university?  
**Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
**UG (B. Tech)**
5. Interdisciplinary programmes and departments involved  
**Yes**  
**(1) Department of Mathematics**  
**(2) Department of Humanities**  
**(3) Faculty of Management Studies**
- (6) Courses in collaboration with other universities, industries, foreign institutions, etc.  
**Nil**
- (7) Details of programmes discontinued, if any, with reasons.  
**None**
- (8) Examination System:  
**Semester**
- (9) Participation of the department in the courses offered by other departments-  
**Yes**

S.No.	Subject Code	Subject Name	Department to whom offered
1	ECS-101	Computer Concept & Programming in C	(1) Electronics & Communication Engg (2) Electrical Engineering (3) Electronics & Instrumentation Engg (4) Mechanical Engg
2	ECS-151	Computer Programming Lab	(1) Electronics & Communication Engg (2) Electrical Engineering (3) Electronics & Instrumentation Engg (4) Mechanical Engg
3		Computer Organization	(1) Electronics & Communication Engg

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL	NIL	Nil
Associate Professors	NIL	NIL	Nil
Asst. Professors	NIL	NIL	Nil
Others	Nil	Nil	Nil

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Sr.No.	Name	Qualification	Designation	Specialization	No. of Year of Experience



1	Ashok Kr. Yadav	M. Tech	Guest Lecturer	Operating System, DBMS, Cryptography & Network Security	3.0
2	Atif Mahmood	M.Tech	Guest Lecturer	Software Engineering	3.8
3	Santosh Kr. Yadav	M.Tech	Guest Lecturer	DBMS, Computer Network, Data structure	5.0
4	Gyanendra Kr. Pal	M.Tech	Guest Lecturer	Distributed System, Software Engineering	5.0
5	Jaychand Vishwakarma	M.Tech	Guest Lecturer	DBMS, TALF, Data Structure	3.5
6	Ritesh Srivastava	M.Tech.	Guest Lecturer	OOS, OOT, Software Engineering	1.0

12 .List of senior Visiting Fellows, adjunct faculty, emeritus professors-

Sr. No	Name & Designation	Current Postal Address	Contact No.
1	Prof. Satya Singh	Deptt. Of Computer Application, MGK Vidyapith University, Varanasi	8005434558
2	Prof P.K. Mishra	Deptt. Of CSE, IIT BHU, Varanasi	9451227115
3	Prof. R.B. Mishra	Deptt. Of CSE, IIT, B.H.U., Varanasi	9455825265
4	Dr. Rajeev Srivastava	Deptt. Of CSE, IIT, B.H.U., Varanasi	9450051964
5	Dr. S.K. Singh	Deptt. Of CSE, IIT BHU, Varanasi	9554321133
6	Dr. D.K. Yadav	Deptt. Of CSE, MNNIT, Allahabad	8004486303
7	Dr. B.P. Chaurasia	Deptt. Of CSE, KNIT, Sultanpur	9415068565
8	Dr. Abdhesh Kumar	Deptt. Of CSE, KNIT, Sultanpur	9450051964
9	Dr. R.S. Singh	Deptt. Of CSE, IIT BHU, Varanasi	9935883500
10	Dr. Akhtar Hussain	Deptt. Of CS & IT, MJP Rohilkhand University	9319760019

13. Percentage of classes taken by temporary faculty – programme-wise information

100%

14. Programme-wise Student Teacher Ratio

14:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.-

Non-Teaching	Sanctioned	Filled
Programmer	Nil	Nil
Clerk	Nil	Nil
Peon	Nil	Nil

16. Research thrust areas as recognized by major funding agencies

Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –

One Minor Project

Title: **IS PUBLIC-KEY CRYPTOGRAPHY POSSIBLE for highly secured connection – An Analysis**

Duration: **Two Years**

Agency: **UGC**

Amount: **Rs. 70 Thousand**

PI- **Mr. Sanjeev Gangwar Head, Department of CSE & IT**

Co-PI- **Mr. Prashant Yadav, Guest Lecturer, Department of CSE & IT**

18. Inter-institutional collaborative projects and associated grants received

Nil

a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility / center with.

- State Recognition None
- National Recognition None
- International Recognition None

21. Special research laboratories sponsored by / created by industry or corporate bodies

**None**

22. Publications:

Sr. No	Name	No. of paper Publication(N/IN)	Monographs	Chapter in book	Edited Books	Books Within ISBN with detail of Publication	Number Listed in International database	Citation Index-Range/Average	SNIP	SJR
1	Ashok Kr. Yadav	01								
2	Atif Mahmood	01								
3	Santosh Kr. Yadav	02								
4	Gyanendra Kr. Pal	01								
5	Jaychand Vishwakarma	01								
	<b>Total</b>	<b>06</b>								

### **PUBLICATIONS**

**1) Ashok Kumar Yadav**

- Ashok Kumar Yadav, Ajeet Pratap Singh, Om Prakash Yadav: “Throughput and PDR and Delay based Performance Analysis of IEEE 802.15.4 and 802.11” Published in “International Journal of Scientific Research in Computer Science Applications and Management Studies, ISSN: 2319-1953.”

**2) Atif Mahmood**

- Atif Mahmood, Ajeet Pratap Singh, Om Prakash Yadav: “Arabic & Urdu Text Segmentation Challenges & Techniques” Published in “IJCSST, Vol. 4 ISSN: 0976-8491.”

**3) Santosh Kr. Yadav**

- Santosh Kumar Yadav, Prashant Kumar Yadav: “Addition Algorithm for long digit numbers ” Published in “Journal of scientific & Technological Research Vol. 02 Issue. 2 ISSN 2231-4709.”
- Santosh Kr. Yadav, Prashant Kr. Yadav, Jaychand Vishwakarma, Shravan Kr. Yadav: “RSA Security in Mobile Ad-Hoc Network” Published in “UNICON-2012.”

**4) Gyanendra Kr. Pal**

- Gyanendra Kr. Pal, Prashant Kr. Yadav, Lokendra Tiwari, A.K. Malviya, “Public Key Infrastructure (PKI) enhanced file transfer over secure sockets in Linux environment” Published in “International Journal of Engineering, Science & Technology Vol. 4, No. 1 pp. 125-128. ”

**5) Jaychand Vishwakarma**

- Jaychand Vishwakarma, Prashant Kr. Yadav, Santosh Kr. Yadav, Shravan Kr. Yadav: “RSA Security in Mobile Ad-Hoc Network” Published in “UNICON-2012.”

23. Details of patents and income generated. **Nil**

24. Areas of consultancy and income generated. **Nil**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad. **Nil**

26. Faculty serving in

- a) National committees None

- b) International committees                      None  
 c) Editorial Boards                                None  
 d) any other (please specify)                      None

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)

**Faculties are encouraged to attend Refresher/Orientation programs, workshops, short term courses, training programmes etc.**

**Program Attended by the Faculty members of the department**

S.No.	Name of Course/Program Attended	Organization	Duration
<b>Mr.Santosh Kumar Yadav</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Workshop on NMEICT Awareness	MNNIT Allahabad	2 Days
3	Faculty Development Program	KNIT Sultanpur	1 Week
4	Author Workshop	Springer & VBS PU Jaunpur	1 Day
5	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
6	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day
<b>Mr. Jaychand Vishwakarma</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
4	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day
<b>Mr. Gyanendra Kumar Pal</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
4	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day
5	Faculty Development Program	KNIT Sultanpur	1 Week
<b>Mr. Ashok Kumar Yadav</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
4	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day
<b>Mr. Atif Mahmood</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
4	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects: **100%**
- Percentage of students doing projects in collaboration with other universities / industry / institute **Nil**

29. Awards / recognitions received at the national and international level by.

- Faculty. **Nil**
- Doctoral / Post-doctoral fellows. **Nil**
- Students. **Nil**

30. Seminars/ Conferences/ Workshops organized and the source of funding (national / international) with details of outstanding participants,

(1) A UGC XII plan funded one week workshop “**Numerical Computation Using MATLAB**” is organized during 26-30 November, 2015, jointly by the Computer Science and Engineering and Departments of Mathematics, Faculty of Engineering & Technology VBS PU Jaunpur.

(2) One day Workshop by Softpro India, Lucknow(U.P) on 09/04/2014.

(3) One Day Workshop by Cetpa Technoogy, Lucknow on 26/04/2014

(4) Online Quiz was held in the computer lab of the Department under “Technical event IT’S Critical-2016” on 02/09/2016.

31. Code of ethics for research followed by the departments. Nil

32. Student profile programme-wise:

Name of the Programme B.Tech (I.T.)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Tech (2007-08)	Through UPTU	56	06	44.64	83.33
B.Tech (2008-09)		54	04	50.00	100
B.Tech (2009-10)		18	02	83.33	100
B.Tech (2010-11)		56	04	55.36	100
B.Tech (2011-12)		03	01	100	100
B.Tech (2012-13)		29	09	100	100
B.Tech (2013-14)		16	15		
B.Tech (2014-15)		13	05		
B.Tech (2015-16)		21	03		
B.Tech (2016-17)		09	02		

33. Diversity of students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech 1 <sup>st</sup> Year	0%	98%	2%	0%
B.Tech 2 <sup>nd</sup> Year	98%	2%	0%	0%
B.Tech 3 <sup>rd</sup> Year	100%	0%	0%	0%
B.Tech 4 <sup>th</sup> Year	100%	0%	0%	0%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of Exam	Name of Student	Session	Category
GATE	Atif Mahmood	2011	OBC
	Prashant Kr. Yadav	2011	OBC
	Shraddha seth	2012	General
	Nitesh Patel	2013	OBC
	GyanPrakash Chaudhary	2013	General
	Shubhranshu Tiwari	2016	General

34 Student progression

Student progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	25%
Entrepreneurs	Nil

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	<b>60%</b>
from other universities within the State	<b>40%</b>
from universities from other States	<b>0</b>
from universities outside the country	<b>0</b>

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period  
**None**

38. Present details of departmental infrastructural facilities with regard to

a) Library: **Yes (at Faculty Label)**

b) Internet facilities for staff and students –**Yes**

c) Total number of class rooms - **03**

d) Class rooms with ICT facility: **Yes**

e) Students' laboratories : **1 Computer Lab**

**To set up a computer lab is in progress.**

f) Research laboratories : **No**

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university – **Nil**

b) From other institutions/universities - **Nil**

40. Number of post graduate students getting financial assistance from the university. - **None**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. –**N/A**

42. Does the department obtain feedback form

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**YES**

Faculty gives the feedback from time to time new subjects and syllabus up gradation is proposed which is implemented after the approval from the BOS and Academics Council.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**YES**

Feedback is taken by the faculty coordinators from students regarding the classes conductance course completion and faculty. The feedback helps in the smooth conductance of class and the courses curriculum

c). Alumni and employers on the programmes offered and how does the department utilize the feedback?

- **NO**

43. List the distinguished alumni of the department (maximum 10)

Sr. No.	Name	Working Organization
1	Mirza Haider Beg	System Engineer, Infosys Hyderabad
2	Archana Yadav	Indian Post Office
3	Saurabh Yadav	Project Engineer in Siemens, DOHA, QATAR
4	Gyanchand Panday	Team Leader in Cross-Tab Marketing Services Pvt. Ltd
5	Sachin Tiwari	System Analyst, Hadoop Pvt Ltd., Bangalore
6	Ravi Tej Srivastava	Software Engineer, Ati-ERP Business Solutions, Gurgaon
7	Pawan Srivastava	System administrator, IBM Hyderabad
8	Varun Kumar	Network Engineer, Reliance Bangalore
9	Shanti Nath Jain	HCL Technology, Noida
10	Amit Panday	Junior Cyber Forensic Investigator, New Delhi

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**SPECIAL LECTURES**

**WORKSHOP**

45. List the teaching methods adopted by the faculty for different programmes.

- **Lecture method**
- **Interactive method**

- **Student Seminars & Project**
- **Group Discussion**
- **Tutorial Session**

List of Invited Lectures taken by eminent personalities of Computer Science

- (1) Dr. S.K. Singh, Associate Professor, IIT BHU Varanasi
- (2) Prof. P.K. Mishra, Dept of Computer Science, BHU, Varanasi
- (3) Dr. D.K. Yadav, Associate Professor, Dept of Computer Science & Engineering, Motilal Nehru National Institute of Technology, Allahabad
- (4) Prof Satya Singh, Dept. of Computer Science, Mahatma Gandhi Kashi Vidyapith University, Varanasi

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

**Continuous assessment and evaluation of learning outcomes is done by the faculty members. Quiz Assignment, Tests, Presentation along with mid-term and end-term bring about assessment and help in monitoring the learning outcomes.**

47. Highlight the participation of students and faculty in extension activities.

**Student and faculties participate in workshop, seminar, conference and cultural activities. Student and faculties participate in various guest lectures by industry experts and professors from academics are organized by university teaching departments.**

48. Give details of “beyond syllabus scholarly activities” of the department.

- **An inter-departmental Technical event “It’s Critical-2016” was held in 2016. Following competition was held during the technical event.**
  1. Debate Competition
  2. Poster Competition
  3. Essay Writing
  4. Online Quiz.

Registration of students for each of the events was online. The quiz was conducted online.

- **A inter departmental online quiz was organized in 2013 by the students. All the participating students made register online and the exam were conducted online.**

**Winners of online quiz is given below-**

First	Second	Third
(1) Alok kr. Singh (ME 2 <sup>nd</sup> Year, 212441) (2) Brijesh Kr. Singh (ME 2 <sup>nd</sup> Year, 212428)	(1) Shreyansh Vatsyayan (ME 2 <sup>nd</sup> Year, 213421) (2) Birendra S. Yadav (ME 1 <sup>st</sup> Year, 213442 )	(1) Ashutosh Kr. Singh (CSE 3 <sup>rd</sup> Year, 211441) (2) Priya Singh (CSE 3 <sup>rd</sup> Year, 211404 )

- **Students involve in imparting free educational program “Prerana” since 2014-15 for poor and rural students nearby University Campus. The name of the students who involves in this teaching program is given below**

Name	Year
Sumant Maurya	3 <sup>rd</sup> Year
Neha Singh	2 <sup>nd</sup> Year
Amit Yadav	2 <sup>nd</sup> Year
Ashutosh Tiwari	2 <sup>nd</sup> Year
Amir Mahmood	2 <sup>nd</sup> Year

- **Students conduct ‘Tips & Tricks’ one day educational workshop for engineering students of 1<sup>st</sup> yr. to 4<sup>th</sup> year. The workshop is organized by the ‘HackHum’ team of few IT 2<sup>nd</sup> yr. students.**

‘Tips & Tricks’ is a workshop about some computer tips, tricks closely related to hacking and also some basic concepts of hacking. This workshop is total Free of cost and registration of participants are taken online at web environment as [www.hackhum.com](http://www.hackhum.com).

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. –  
**Yes AICTE**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Faculty members have attended lectures and presented research papers in Seminar/ Conference/ Workshop/ Symposium at various colleges. Under extension activities faculty are encouraged to participate in teaching, research and extension activities outside the university.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strengths</b>	<b>Weakness</b>
1. Demand for the course in market.	1. Lack of regular faculty members.
2. Good infrastructure	2. One Lab available for CSE and IT Department
3. Industry Oriented contemporary course structure	3. Lack of placements
4. Enriched Library with journal and books.	4. Less Industrial Collaboration
5. The students are given adequate Opportunity To participate in co-curricular activities.	5 No Campus Placement For Passout Students.

<b>Opportunities</b>	<b>Challenges</b>
1. To educate the students with the upcoming technologies.	1. Separate lab for CSE & IT department
2. Provide responsibilities for planning and organizing academic and cultural activities.	2 Organizing seminar/workshop.
3. To make the students brighter and eligible to place in good companies and government sectors.	3 Implement modern teaching methods.
4 Students are intimated to attend the Off-campus interviews conducted in the nearby places.	4 Submission of major/minor project to sponsoring agencies like UGC, DST, etc.
5 Demand for computer professional in IT, Banking & other organization.	5 To get companies for campus recruitment.

52. Future plans of the department.

1. Planned to submit research projects.
  2. Plan to organize an national conference/seminar/workshop.
  3. To implement new technologies and teaching Methods in the Department to enhance students for their bright future.
- Evaluative Report of the Department

#### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

1. Name of the Department  
**Computer Science & Engineering**
2. Year of establishment  
**1997**
3. Is the Department part of a School/Faculty of the university?  
**Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
**UG (B.Tech)**
5. Interdisciplinary programmes and departments involved  
**Yes**  
**(1) Department of Mathematics**  
**(2) Department of Humanities**  
**(3) Faculty of Management Studies**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Nil

7. Details of programmes discontinued, if any, with reasons.

None

8. Examination System:

Semester

9. Participation of the department in the courses offered by other departments-

Yes

S.No.	Subject Code	Subject Name	Department to whom offered
1	ECS-101	Computer Concept & Programming in C	(5) Electronics & Communication Engg (6) Electrical Engineering (7) Electronics & Instrumentation Engg (8) Mechanical Engg
2	ECS-151	Computer Programming Lab	(5) Electronics & Communication Engg (6) Electrical Engineering (7) Electronics & Instrumentation Engg (8) Mechanical Engg
3		Computer Organization	(2) Electronics & Communication Engg

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	NIL	Nil
Associate Professors	01	NIL	Nil
Asst. Professors	01	NIL	Nil
Others		Nil	Nil

11 Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.

Sr.No.	Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph.D./M/Phil. Student guided for the last 4 Years
1	Sanjeev Gangwar	MCA, Phil(Computer Science)	Assistant Professor	Operating System, Computer Organization	5 years 09 months	NIL
2	Prashant Kr. Yadaw	M. Tech	Guest Lecturer	Operating System, Theory of autometa & formal language, Cryptography & Network Security.	4 Years	NIL
3	Shakil Ahmad Ansari	M.Tech	Guest Lecturer	Artificial Intelligence, Distributed System, Design	4.5	NIL



				<b>And Analysis of Algorithms, Discrete Structure.</b>		
4	<b>Dileep Kr. Yadav</b>	<b>M.Tech</b>	<b>Guest Lecturer</b>	<b>Database Management System, Cryptography and Network Security</b>	7	<b>NIL</b>
5	<b>Ankita Srivastava</b>	<b>M.Tech</b>	<b>Guest Lecturer</b>	<b>O.S Computer Network, Distributed System.</b>	1	<b>NIL</b>
6	<b>Deepti Panday</b>	<b>M.Tech</b>	<b>Guest Lecturer</b>	<b>Software Engineering</b>	2	<b>NIL</b>
7	<b>Shravan Kumar Yadav</b>	<b>M.Tech</b>	<b>Guest Lecturer</b>	<b>Quality Management</b>	2	<b>NIL</b>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-

<b>Sr. No</b>	<b>Name &amp; Designation</b>	<b>Current Postal Address</b>	<b>Contact No.</b>
1	Prof. Satya Singh	Deptt. Of Computer Application, MGK Vidyapith University, Varanasi	8005434558
2	Prof P.K. Mishra	Deptt. Of CSE, IIT BHU, Varanasi	9451227115
3	Prof. R.B. Mishra	Deptt. Of CSE, IIT, B.H.U., Varanasi	9455825265
4	Dr. Rajeev Srivastava	Deptt. Of CSE, IIT, B.H.U., Varanasi	9450051964
5	Dr. S.K. Singh	Deptt. Of CSE, IIT BHU, Varanasi	9554321133
6	Dr. D.K. Yadav	Deptt. Of CSE, MNNIT, Allahabad	8004486303
7	Dr. B.P. Chaurasia	Deptt. Of CSE, KNIT, Sultanpur	9415068565
8	Dr. Abdhesh Kumar	Deptt. Of CSE, KNIT, Sultanpur	9450051964
9	Dr. R.S. Singh	Deptt. Of CSE, IIT BHU, Varanasi	9935883500
10	Dr. Akhtar Hussain	Deptt. Of CS & IT, MJP Rohilkhand University	9319760019

13. Percentage of classes taken by temporary faculty – programme-wise information

**100%**

14. Programme-wise Student Teacher Ratio

**33:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.-

<b>Non-Teaching</b>	<b>Sanctioned</b>	<b>Filled</b>
<b>Programmer</b>	<b>1</b>	<b>1</b>
<b>Clerk</b>	<b>1</b>	<b>1</b>
<b>Peon</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies

**Nil**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –

One Minor Project

Title: **IS PUBLIC-KEY CRYPTOGRAPHY POSSIBLE for highly secured connection – An Analysis**

Duration: **Two Years**

Agency: **UGC**

Amount: **Rs. 70 Thousand**

PI- **Mr. Sanjeev Gangwar Head, Department of CSE & IT**

Co-PI- **Mr. Prashant Yadav, Guest Lecturer, Department of CSE & IT**

18. Inter-institutional collaborative projects and associated grants received

**Nil**

a) National collaboration b) International collaboration  
 19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil

20. Research facility / center with

- State Recognition None
- National Recognition None
- International Recognition None

21. Special research laboratories sponsored by / created by industry or corporate bodies

None

22. Publications:

Sr.No	Name	No. of paper Publication(N/IN)	Monographs	Chapter in book	Edited Books	Books Within ISBN with detail of Publication	Number Listed in International database	Citation Index-Range/Average	SNIP	SJR	Impact Factor-Range/Average
1	Sanjeev Gangwar	09						34			
1	Prashant Kr. Yadav	03									
2	Shakil Ahmad Ansari	05									
4	Dileep Kr. Yadav	02									
5	Ankita Srivastava	01									
6	Deepthi Panday	04									
	<b>Total</b>	<b>24</b>						<b>34</b>			

## PUBLICATIONS

### 1) Sanjeev Gangwar

- Sanjeev Gangwar, Shubhranshu Tiwari: “RaTTY: Mouse cum Pen”“published in International Journal of Computer Applications(IJCA) , Vol. 146, No.1, pp 40-43, July 2016, ISSN 0975-8887.”
- Sanjeev Gangwar, Dr. Krishan Kumar: “Route Optimization in MANET Using Hopfield Neural Networks : MANET-HOP” published in “International Journal of Computer Science & Information Security(IJCSIS) , Vol 14, No. 6, pp 53-59, June 2016, ISSN 1947-5500.”
- Sanjeev Gangwar : “Security Threats in Mobile Ad Hoc Networks- A Survey” published in “International Journal of Computer Science and Information Technologies(IJCSIT), Vol. 7, issue 1, pp 74-77, January-February 2016 ISSN 0975-9646.”
- S.Gangwar, K.Kumar & M. Mittal : “Cluster Head Selection in Mobile Ad-hoc Network(MANET) Using ARTI Neural Network” published in “IEEE African Journal of Computing & ICTs Vol 8, issue 1, pp 197-204, March 2015 ISSN 2006-1781.”
- Sanjeev Gangwar : “Mobile Ad Hoc Networks: Comparison of Multipath Routing Protocols with Unipath Routing Protocols” Published in “International Journal of Computers & Technology Vol. 5, No-3,pp 193-199, May 2013 ISSN 2277-3061.”

- Sanjeev Gangwar and Krishan Kumar: “Mobile Ad Hoc Network Routing Protocols: A Detailed Performance Examination of AODV, DSR and DSDV” *International Journal of Computer Applications* Vol. 49(9) (0975-8887):37-41, July 2012. Published by Foundation of Computer Science, New York, USA
- Sanjeev Gangwar “Mobile Ad Hoc Network: A Comprehensive Study and Survey on Intrusion Detection” Published in “International Journal of Engineering Research and Applications (IJERA) Vol. 2, Issue 1, Jan-Feb 2012, pp.607-613, ISSN: 2248-9622”.
- Sanjeev Gangwar, Saurabh Pal, Krishan Kumar, ” Mobile Ad Hoc Networks: A Comparative Study of QoS Routing Protocols” Published in “ International Journal of Computer Science Engineering and Technology(IJCSET) , Vol. 2, Issue 1,January 2012,pp.771-775, ISSN : 2231-0711”.
- Sanjeev Gangwar, Krishan Kumar, “Mobile Ad Hoc Networks: A detailed Survey of QoS Routing Protocols” Published [in](#) “International Journal of Distributed and Parallel Systems (IJDPS) Vol.2, No.6, November 2011 pp. 309-321, ISSN : 0976-9757”

## 2) Prashant Kumar Yadav

- Prashant Kumar Yadav, Gyanendra Kr. Pal, Lokendra Tiwari, A.K. Malviya, “Public Key Infrastructure (PKI) enhanced file transfer over secure sockets in Linux environment” Published in “International Journal of Engineering, Science & Technology Vol. 4, No. 1 pp. 125-128 ”
- Prashant Kumar Yadav, Santosh Kumar Yadav: “Addition Algorithm for long digit numbers ” Published in “Journal of scientific & Technological Research Vol. 02 Issue. 2 ISSN 2231-4709.”
- Prashant Kr. Yadav, Jaychand Vishwakarma, Santosh Kr. Yadav, Shravan Kr. Yadav: “RSA Security in Mobile Ad-Hoc Network” Published in “UNICON-2012.”

## 3) Dileep Kumar Yadav

- Dileep Kumar Yadav “Comperative Analysis of clustering algorithm for agricultural data” Published in “International Journal of current research Vol. 7, Issue. 07, pp. 18361-18364” July 2015.
- Dileep Kumar Yadav, Maitreey Dutta, “A comperative study of clustering algorithm for wheat data” Published in “ACEIT Cohference preceeding 2016”.

## 4) Shakeel Ahamad Ansari

- Shakeel Ahamad Ansari “An analytical approach on intrusion detection system in manets for attacks” Published in “IJARCSSE Vol. 4, Issue. 03, pp. 1-6” March 2014.
- Shakeel Ahamad Ansari, “An analytical approach for security measures issues in manets” IJARCSSE Vol. 4, Issue. 02, pp. 1-7” Feb 2014.
- Shakeel Ahamad Ansari, ”An Analytical Approach of Image Based Authentication System” Published in “ICETCSIT 2014”.
- Shakeel Ahamad Ansari, ”An Approach on online education system” Published in “ICETCSIT 2014”.
- Shakeel Ahamad Ansari, ”Intrusion Level Parallelism on Multiprocessor” Published in “NCRDCIT 2012”.

## 5) Ankita Srivastava

- Ankita Srivastava, Yogesh Kumar, “A Novel Data Mining Approach for Protein Function Prediction”, Published in “International Journal of Emerging Research in Management & Technology Vol. 3 Issue. 5 ISSN: 2278-9359”.

## 6) Deepti Pandey

- Deepti Pandey, Purti Singh, “A Review of shape Recognition techniques”, Published in “International Journal of Emerging Research in Management & Technology ISSN: 2278-9359 VOL-3 ISSUE-4”.
- Deepti Pandey, Purti Singh, “Shape- based Fish recognition using neural network”, Published in “International Journal of Emerging Research in Management & Technology ISSN: 2278-9359 VOL-3 ISSUE-5”.
- Deepti Pandey, Purti Singh, “ImageCLEF: an analysis of plant identification task based on shape parameter”, Published in “International Journal of Emerging Research in Management & Technology ISSN: 2278-9359 VOL-3 ISSUE-5”.
- Deepti Pandey, Nusrat Fatma, Mohammad Abuzar Sayeed, “Elimination of limitations and restrictions in K-means algorithm using Mid – Point based k-mean Clustering Algorithm for Data Mining”, Published in *2<sup>nd</sup> National Conference on AEMAS -2013 TERII, KURUKSHETRA*”

23. Details of patents and income generated.

Nil

24. Areas of consultancy and income generated.

Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad.

Nil

26. Faculty serving in

a) National committees **None**

b) International committees **None**

c) Editorial Boards

(1) **Sanjeev Gangwar**

- Member of editorial board (ICIESM 2016) in international conference on innovation in engineering science & management
- Member of editorial board of international journal of research & development organization(IJRDO)

d) Any other (Membership of professional bodies)

(1) **Sanjeev Gangwar**

- Membership of International association of Engineers (IAENG) Member number: 116368
- Membership of International association of computer science and information technology (IACSIT) Member number: 80343128

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)

**Faculties are encouraged to attend Refresher/Orientation programs, workshops, short term courses, training programmes etc.**

**Program Attended by the Faculty members of the department**

S.No.	Name of Course/Program Attended	Organization	Duration
<b>Sanjeev Gangwar (Head, Deptt. of CSE &amp; IT)</b>			
1	Faculty Development Program	KNIT Sultanpur	1 Week
2	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
3	Refresher Course	UGC University of Lucknow, Lucknow	22 Days
4	Orientation Course	UGC Kumaun University, Nainital	28 Days
5	Author Workshop	Springer & VBS PU Jaunpur	1 Day
6	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
7	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day
8	Spoken tutorial based software training Program	IIT Bombay & VBSPU Jaunpur	1 Day
9	Workshop on Ethical Hacking	VBSPU Jaunpur	2 Day

	conducted by Ankit Fadia		
<b>Prashant Kumar Yadav</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
4	Workshop on writing Research Papers	VBS PU Jaunpur	1 Day
<b>Dileep Kumar Yadav</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
4	Gunvatta yukta Uchcha Siksha Evam Rastra Nirman	FMS VBSPU Jaunpur	1 Day
<b>Shakeel Ahamad Ansari</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
<b>Shravan Kumar Yadav</b>			
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2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
<b>Deepti Pandey</b>			
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2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day
<b>Ankita Srivastava</b>			
1	Workshop on Numerical Computation using MATLAB	UGC & VBS PU Jaunpur	1 Week
2	Author Workshop	Springer & VBS PU Jaunpur	1 Day
3	H.R. Conclave	FMS VBSPU Jaunpur	1 Day

**28. Student projects**

- Percentage of students who have done in-house projects including inter-departmental projects: **100%**
- Percentage of students doing projects in collaboration with other universities / industry / institute **Nil**

**29. Awards / recognitions received at the national and international level by.**

- Faculty. **Nil**
- Doctoral / Post-doctoral fellows. **Nil**
- Students. **Nil**

**30. Seminars/ Conferences/ Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

(1) A UGC XII plan funded one week workshop “**Numerical Computation Using MATLAB**” is organized during 26-30 November, 2015, jointly by the Computer Science and Engineering and Departments of Mathematics, Faculty of Engineering & Technology VBS PU Jaunpur.

(2) One day Workshop by Softpro India, Lucknow (U.P) on 09/04/2014.

(3) One Day Workshop by Cetpa Technoogy, Lucknow on 26/04/2014

(4) Online Quiz was held in the computer lab of the Department under “Technical event IT’S Critical-2016” on 02/09/2016.

31. Code of ethics for research followed by the departments. Nil

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
B.Tech(2007-08)	Through UPTU	49	11	51.02	72.73
B.Tech(2008-09)		45	10	51.11	90.00
B.Tech(2009-10)		54	06	55.56	83.33
B.Tech (2010-11)		51	09	64.71	77.78
B.Tech(2011-12)		37	11	100	100
B.Tech(2012-13)		32	14	100	100
B.Tech(2013-14)		39	09		
B.Tech(2014-15)		43	11		
B.Tech(2015-16)		36	08		
B.Tech(2016-17)		36	14		

35. Diversity of students:

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Tech 1 <sup>st</sup> Year	0%	98%	2%	0%
B.Tech 2 <sup>nd</sup> Year	97%	3%	0%	0%
B.Tech 3 <sup>rd</sup> Year	100%	0%	0%	0%
B.Tech 4 <sup>th</sup> Year	100%	0%	0%	0%

35 How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Name of Exam	Name Of Student	Session	Category
GATE	Lokendra Tiwari	2012	General
	Divya Singh	2012	General
	Vivek Ranjan	2013	OBC
	Santosh Kumar	2016	SC
	Pranabh Kumar	2016	SC

36 Student progression

Student progression	Percentage against enrolled
UG to PG	20%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	25%
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	40%
from other universities within the State	60%
from universities from other States	0
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period  
**None**

38. Present details of departmental infrastructural facilities with regard to

a) Library: **Yes (at Faculty Label)**

b) Internet facilities for staff and students –**Yes**

c) Total number of class rooms - **03**

d) Class rooms with ICT facility: **Yes**

e) Students' laboratories : **1 Computer Lab**  
**To set up a computer lab is in progress.**

f) Research laboratories : **No**

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university – **Nil**

b) From other institutions/universities - **Nil**

40. Number of post graduate students getting financial assistance from the university. - **None**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. –**N/A**

42. Does the department obtain feedback form

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**YES**

Faculty gives the feedback from time to time new subjects and syllabus up gradation is proposed which is implemented after the approval from the BOS and Academics Council.

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**YES**

Feedback is taken by the faculty coordinators from students regarding the classes conductance course completion and faculty. The feedback helps in the smooth conductance of class and the courses curriculum

c). Alumni and employers on the programmes offered and how does the department utilize the feedback?

- **NO**

43. List the distinguished alumni of the department (maximum 10)

Sr. No.	Name	Working Organization
1	Ghanshyam Singh	Desk analyst in Fujitsu at Delhi
2	Deepam Pal	Software Engineer, Genpact Noida
3	Vijay Chauhan	Project Engineer in WIPRO
4	Sharad Yadav	Sr. Engineer in HCL Info System Ltd.
5	Shivendra Srivastava	Technical Analyst HDFC Bank in Delhi
6	Ravindra Agrahari	Software Engineer in Ahex Technology, Hyderabad.
7	Sandeep Vishwakarma	Assist. Prof. K.N. Modi Institute of Engineering & Technology
8	Saurabh Kesari	SQL Developer in Accenture, Bangalore
9	Deepak Pathak	Cunsultant in Phimetrics
10	Kamlesh Chandra	Selected in U.P. P.C.S. 2015

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- **Special lectures**
- **Workshop**

List of Invited Lectures taken by eminent personalities of Computer Science

(5) Dr. S.K. Singh, Associate Professor, IIT BHU Varanasi

(6) Prof. P.K. Mishra, Dept of Computer Science, BHU, Varanasi

(7) Dr. D.K. Yadav, Associate Professor, Dept of Computer Science & Engineering, Motilal Nehru National Institute of Technology, Allahabad

(8) Prof Satya Singh, Dept. of Computer Science, Mahatma Gandhi Kashi Vidyapith University, Varanasi

45. List the teaching methods adopted by the faculty for different programmes.

- **Lecture method**
- **Interactive method**

- **Student Seminars & Project**
- **Group Discussion**
- **Tutorial Session**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

**Continuous assessment and evaluation of learning outcomes is done by the faculty members. Quiz Assignment, Tests, Presentation along with mid-term and end-term bring about assessment and help in monitoring the learning outcomes.**

47. Highlight the participation of students and faculty in extension activities.

**Student and faculties participate in workshop, seminar, conference and cultural activities. Student and faculties participate in various guest lectures by industry experts and professors from academics are organized by university teaching departments.**

48. Give details of “beyond syllabus scholarly activities” of the department.

- **An inter-departmental Technical event “It’s Critical-2016” was held in 2016. Following competition was held during the technical event.**
  1. Debate Competition
  2. Poster Competition
  3. Essay Writing
  4. Online Quiz.

Registration of students for each of the events was online. The quiz was conducted online.

- **A inter departmental online quiz was organized in 2013 by the students. All the participating students made register online and the exam were conducted online.**

**Winners of online quiz is given below-**

First	Second	Third
(3) Alok kr. Singh (ME 2 <sup>nd</sup> Year, 212441) (4) Brijesh Kr. Singh (ME 2 <sup>nd</sup> Year, 212428)	(1) Shreyansh Vatsyayan (ME 2 <sup>nd</sup> Year, 213421) (4) Birendra S. Yadav (ME 1 <sup>st</sup> Year, 213442 )	(3) Ashutosh Kr. Singh (CSE 3 <sup>rd</sup> Year, 211441) (4) Priya Singh (CSE 3 <sup>rd</sup> Year, 211404 )

- **Students involve in imparting free educational program “Prerana” since 2014-15 for poor and rural students nearby University Campus. The name of the students who involves in this teaching program is given below**

Name	Year
Shweta Yadav	3 <sup>rd</sup> Year
Vibhuti Narayan	2 <sup>nd</sup> Year
Amit Yadav	2 <sup>nd</sup> Year
Ashutosh Tiwari	2 <sup>nd</sup> Year
Amir Mahmood	2 <sup>nd</sup> Year

- **Students conduct ‘Tips & Tricks’ one day educational workshop for engineering students of 1<sup>st</sup> yr. to 4<sup>th</sup> year. The workshop is organized by the ‘HackHum’ team of few CSE 2<sup>nd</sup> yr. students.**

**‘Tips & Tricks’ is a workshop about some computer tips, tricks closely related to hacking and also some basic concepts of hacking. This workshop is total Free of cost and registration**

**Of participants were taken online at web environment as [www.hackhum.com](http://www.hackhum.com) .**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. –

**Yes (AICTE)**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**The Department of Computer Science Engineering Faculty members have attended lectures and presented research papers in Seminar/ Conference/ Workshop/ Symposium at various colleges. Under extension activities faculty are encouraged to participate in teaching, research and extension activities outside the university.**



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weakness
6. Demand for the course in market.	4. Lack of regular faculty members.
7. Good infrastructure	5. One Lab available for CSE and IT Department
6. Industry Oriented contemporary course structure	8. We are very weak in research facilities like research laboratories etc.
9. Enriched Library with journal and books.	4. Less Industrial Collaboration
10. The students are given adequate Opportunity to participate in co-curricular activities.	5 No Campus Placement For Passout Students.

Opportunities	Challenges
4. To educate the students with the upcoming technologies.	2. Separate lab for CSE & IT department
5. Provide responsibilities for planning and organizing academic and cultural activities.	2 Organizing seminar/workshop.
6. To make the students brighter and eligible to place in good companies and government sectors.	6 Implement modern teaching methods.
7 Students are intimated to attend the Off-campus interviews conducted in the nearby places.	4 Submission of major/minor project to sponsoring agencies like UGC, DST, etc.
8 Demand for computer professional in IT, Banking & other organization.	5 To get companies for campus recruitment.

52. Future plans of the department.

4. Planned to submit research projects.
5. Plan to organize an national conference/seminar/workshop.
6. To implement new technologies and teaching Methods in the Department to enhance students for their bright future.

#### DEPARTMENT OF PHYSICS

1. Name of the Department **Physics**
2. Year of establishment **1997**
3. Is the Department part of a School/Faculty of the university?  
**Yes, it is a part of Faculty of Engineering & Technology.**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)  
**Individually department does not offer any degree but support to all B.Tech. courses running in the campus of V.B.S. Purvanchal University, Jaunpur.**
5. Interdisciplinary programmes and departments involved **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**

7. Details of programmes discontinued, if any, with reasons **NIL**  
 8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

**Semester system**

9. Participation of the department in the courses offered by other departments

**B.Tech.Course**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>NIL</b>	<b>Nil</b>	<b>Nil</b>
Associate Professors	<b>01 (OBC)</b>	<b>NIL</b>	<b>Nil</b>
Asst. Professors	<b>01*+02<sup>#</sup></b>	<b>01<sup>\$</sup> +01<sup>@</sup></b>	<b>02</b>

\*Govt. Sanctioned , # Created under self-finance, \$ Assistant professor working on the Govt. Sanctioned , @ Guest Lecturer working on post Created under self-finance.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
<b>Dr. Santosh Kumar</b>	<b>M.Sc., NET(JRF), D.Phil.</b>	<b>Assistant Prof. &amp; Head</b>	<b>Spectroscopy and Molecular Physics</b>	<b>13 (UG)</b>	<b>NIL</b>
<b>Surya Mani Tiwari<sup>#</sup></b>	<b>M.Sc.</b>	<b>Guest Faculty</b>	<b>Electronics</b>	<b>40</b>	<b>NIL</b>

# Surya Mani Tiwari (Ex Reader of T.D.P.G. College Jaunpur) joined the department in January, 2016

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors  
 List of Visiting Faculties invited for special lectures in the Department

2. **Visiting faculty**

**Prof. B.K.Ghosh**

Professor (Rtd.) and Former Head,  
 Department of Physics  
 University of Allahabad , Allahabad

3. **Invited for special lectures**

(a) **Prof. Ram Gopal**

Professor in the Department of Physics  
 University of Allahabad , Allahabad,

(b) **Prof. Raghav Varma**

Professor in the Department of Physics  
 I.I.T.Mumbai

(c) **Prof. V.K.Tripathi**

Ex. Professor in the Department of Physics  
 I.I.T. Delhi

13. Percentage of classes taken by temporary faculty – program-wise information

**50% in B. Tech.**

14. Program-wise Student Teacher Ratio

**60:1 in B. Tech.**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

	Sanctioned	Filled	Actual (including CAS & MPS)
Laboratory Assistant	<b>01</b>	<b>01</b>	<b>01</b>
Attendant	<b>01</b>	<b>01</b>	<b>01</b>

16. Research thrust areas as recognized by major funding agencies

**NIL**

17. Number of faculty with ongoing projects from

a) National 1, (A minor research projects under UGC-XII plan grantRs. 60,000/-)

- b) International funding agencies and  
c) Total grants received.

NIL

Give the names of the funding agencies, project title and grants received project-wise.

Name of Sponsoring/funding agency	Project Title	Major/Minor	Period (Months)	Total Grant/Funding received (Rs.)
Sanctioned under Innovation & Research Grant of UGC for XII plan by V.B.S. Purvanchal University, Jaunpur	Closed Form Solutions of Natural Convection in a Rectangular Enclosure by Using Similarity Transformations Method	Minor	18	60,000/-

18. Inter-institutional collaborative projects and associated grants received

h) National collaboration

NIL

i) International collaboration

NIL

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

NIL

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies

NIL

22. Publications:

\* Number of papers published in peer reviewed journals (national / international)

15(11+04)

\* Monographs

NIL

\* Chapters in Books

NIL

\* Edited Books

NIL

\* Books with ISBN with details of publishers

NIL

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

\* Citation Index – range / average

\* SNIP

\* SJR

\* Impact Factor – range / average

\* h-index

23. Details of patents and income generated

NIL

24. Areas of consultancy and income generated

NIL

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

NIL

26. Faculty serving in

NIL

a) National committees b) International committees

c) Editorial Boards

d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**A workshop was organized**

From	To	Name of the course/ workshop	Sponsored by	From institute
Nov. 10, 2010	Nov. 13, 2010	Better Engineer	V.B.S. P.U. Jaunpur	Faculty of Engineering & Tech. V.B.S. PU Jaunpur

28. Student projects

**Not Applicable since department does not provide any degree as it supports to B. Tech. Courses**

- percentage of students who have done in-house projects including inter-departmental projects
  - percentage of students doing projects in collaboration with other universities / industry / institute
29. Awards /recognitions received at the national and international level by
- Faculty **NIL**
  - Doctoral / post doctoral fellows **NIL**
  - Students **NIL**
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr. No.	From	To	Title	Sponsored by	From institutes
1.	Nov. 10, 2010	Nov. 13, 2010	Better Engineer (Workshop)	Purvanchal University Jaunpur	Faculty of Engineering & Tech. VBS PU Jaunpur
2.	28 Feb. 2014	28 Feb. 2014	National Science Day (Workshop)	Purvanchal University Jaunpur	VBS Purvanchal University Jaunpur
2.	28 Feb. 2015	28 Feb. 2015	National Science Day (Workshop)	Purvanchal University Jaunpur	VBS Purvanchal University Jaunpur
3	26 Nov., 2015	30 Nov. 2015	Numerical Computation Using MATLAB (Workshop)	UGC XII plan	Faculty of Engineering & Tech. VBS PU Jaunpur
4	17 Sept. 2016	18 Sept. 2016	Communication Skills (Workshop)	V.B.S. P.U. Jaunpur	Faculty of Engineering & Tech. VBS PU Jaunpur

31. Code of ethics for research followed by the departments **As per standard norms**

32. Student profile program-wise: **Not Applicable**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of students **Not Applicable**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

**Not Applicable**

35. Student progression **Not Applicable**

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul>	
Entrepreneurs	

36. Diversity of staff **Not Applicable**

Percentage of faculty who are graduates	
of the same university	<b>Nil</b>
from other universities within the State	<b>100</b>
from universities from other States	<b>Nil</b>
from universities outside the country	<b>Nil</b>

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period  
**NIL**
38. Present details of departmental infrastructural facilities with regard to
- |   |   |
|---|---|
| a) Library                                    | <b>Institute Library is shared</b>                                    |
| b) Internet facilities for staff and students | <b>Available</b>  |
| c) Total number of class rooms                | <b>On sharing basis</b>   |
| d) Class rooms with ICT facility              | <b>01</b>   |
| e) Students' laboratories                     | <b>01 (Physics) laboratory with capacity of 60 students at a time</b> |
| f) Research laboratories                      | <b>Nil</b>  |
39. List of doctoral, post-doctoral students and Research Associates **Not Applicable**
- a) from the host institution/university  
b) from other institutions/universities
40. Number of post graduate students getting financial assistance from the university.  
**Not Applicable**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Not Applicable**
42. Does the department obtain feedback from
- x. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- y. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, teachers try to improve their teaching according to some modifications as required in feedback.**
- z. Alumni and employers on the programmes offered and how does the department utilize the feedback?
43. List the distinguished alumni of the department (maximum 10) **Not Applicable**
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.  
(special lectures / workshops / seminar) involving external experts.
- I. A special lecture on **“Raman Effect and Laser Spectroscopy”** delivered by Prof. Ram Gopal, Ex Head, Department of Physics, University of Allahabad, Allahabad was organized by the department on 28-02-2014.
- II. A special lecture on **“Large Hadron Collider”** delivered by Prof. Raghav Varma, Department of Physics, I.I.T. Bombay was organized on 17-04-2014.
- III. A special lecture on **“Significant Application of Physics (Science)”** delivered by Prof. Vipin Kumar Tripathi, Department of Physics, I.I.T. Delhi was organized on 02-04-2016
- IV. A one week workshop on **“Numerical Computation Using MATLAB”** was organized by the department during 26-30 November 2015. The invited Speaker were:
- (1) Dr. Sarvesh Kumar, Indian Institute of Space Science and Technology, Deptment of Atomic Energy Thiruvanthapuram, Kerla,
- (2) Dr. Sushil Kumar, SardarVallabhpatel National Institute of Technology, Surat, Gujrat,
- (3) Dr. M.K. Singh, Deptment of Mathematical Science I.I.T. B.H.U. Varanasi.
- (4) Dr. Navneet Kumar Singh MNIT, Allahabad.
- V. A workshop on **“Communication Skills”** was organized by the department during 17-18<sup>th</sup> Sep. 2016 for all UG and PG students of the campus. The invited speakers were:
- (1) Dr. Dr. Anurag Singh, Institute of Management studies , B.H.U. Varanasi.
- (2) Dr. Devendra Kuma, Deptment of English Faculty of Art, B.H.U. Varanasi.
- (3) Dr. TanujNandan, Department of Management Studies, Motilal Nehru National Institute of Technology Allahabad.
- (4) Dr. ShefaliNandan, Department of Commerce and Business Administration, University of Allahabad, Allahabad
45. List the teaching methods adopted by the faculty for different programmes.  
**Classroom teaching/interaction with students through Tutorials etc.**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Getting positive feedback from the students.**
47. Highlight the participation of students and faculty in extension activities.
- I. **Deptt. Participated in NSS guiding to the students of Engg.**
- II. **Deptt. Participates in एक छात्र एक पेड़ अभियान through plantation and caring of plants inVBS**

- PU Campus to keep it green.**
- III. **Dr. Santosh Kumar, Head of Deptt. plays his important role participating actively as a** Coordinator of a committee constituted for making proposal and implementation under “स्वच्छ भारत अभियान” by the V.B.S.Purvanchal University Jaunpurw.e.f. 29/05/2015
- IV. B.Tech. Students are teaching to poor students from nearby villages under the guidance of Dr. Santosh Kumar, Head of Deptt. They have opened a free coaching named **PRERNA** running at a neighboring village of VBS PU Campus.
48. Give details of “beyond syllabus scholarly activities” of the department.
- Deptt. Participates in “एक छात्र एक पेड़ अभियान” through plantation and caring of plants in VBS PU Campus to upgrade its greenery.
  - National Science day** (28 Feb.) is celebrated every year followed by extra curriculum activities like quiz, group discussions on social issues, Poster, competition etc.
  - B. Tech. Students provide fully free teaching to financially poor students of nearby villages of the campus since **Feb. 2014**. They have initiated a free coaching named **PRERNA**. This coaching is run in Panchayat Bhawan of Devakali which is a neighbouring village of VBS PU Campus. Coaching enriched awareness in nearby villages. More than 250 students got benefit from the coaching.
49. State whether the programme/ department is accredited/graded by other agencies? If yes, give details.
- No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Dr. Santosh Kumar, Head of Deptt. actively plays his role to encourage the students how they can make strategy to make their careers.**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:**
- All faculty members have full dedication to teach the students.
  - Departmental laboratory is well equipped.
  - We provide **Internet facility** to the students in classroom as well as hostels.
  - Feedback of the students is positive.
  - All teachers of the Deptt. have more than 13 years teaching experience at UG level. Dr. Santosh Kumar, Head of Deptt. also qualified NET examination 2 times. These things prove good ability to teach the students at UG level. Mr. S.M. Tiwari has taught more than 40 years to U.G. and P.G. students. Prof. B. K. Ghosh has also taught 24 years to U.G. students and 21 years P.G. Students.
  - Department actively involved in the smooth conduction of U.G.C. remedial Coaching.
- Weaknesses**
- Student teacher ratio is poor.
  - Most of the admitted students are from rural areas of Eastern Uttar Pradesh which is academically and financially weak. So, we have to do much effort in teaching to upgrade their knowledge.
  - Shortage of regular teaching faculty causes a lot of administrative responsibilities on regular teachers. It affects their efficiency. One post of Associate Professor in the Department is vacant from last 15
  - Being U.G. Course Ph. D. Students cannot be enrolled in the department.
  - In state university system, we have to face **Government interferences/ dependence** led to withhold the development many times, the post regularity and continuation in Engineering is an example of it.
- Opportunities:**
- University has a good infrastructure and space so after appointing teachers it can become an education hub of teaching and research for this region.
  - With the help of University this backward region can be developed.
- Challenges:**
- We get relatively a poor stuff as B. Tech. students. So we have to provide them extra classes on Sunday/Holidays, Remedial Coaching for SC/ST/OBC and Minority funded by UGC so that they can prepare themselves to compete in the modern era. UGC Remedial Coaching became helpful for weak students who were failed in subjects. So we have always faced the challenges to educate the poor educated stuff of B. Tech. students. We also got good result of it.
  - Poor placement of our student is a challenge.
52. Future Plan of the department: Department has planned to apply AICTE/DST funded major research project to create research environment in engineering.

## DEPARTMENT OF CHEMISTRY

1. Name of the Department: **Chemistry**
2. Year of establishment: **1997 (when U. N. S. Institute of Engineering & Technology was established in the campus of V.B.S. Purvanchal University, Jaunpur )**
3. Is the Department part of a School/Faculty of the university? **Yes, it is a part of Faculty of Engineering & Technology.**
4. Names of programs offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.): **Individually department does not offer any degree but supports to all B. Tech, MBA & MCA courses running in the campus of V.B.S. Purvanchal University, Jaunpur.**
5. Interdisciplinary programmes and departments involved: **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
7. Details of programmes discontinued, if any, with reasons **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System **Semester**
9. Participation of the department in the courses offered by other departments **B. Tech, MBA and MCA courses**

Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	NIL		
Associate Professors	01	01	
Asst. Professors	01	NIL	
Others	02	02	

10. Faculty profile with name, qualification, designation, area of specialization, experience and Research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
<b>Dr. Ashok Kumar Srivastava</b>	M.Sc., Ph.D.	Associate Prof. & Head	ElectroAnalytical Chemistry	>18 Years	01
<b>Dr Amrendra Kumar Singh</b>	M.Sc., Ph.D.	<b>Lecturers on contract</b>	Organic Chemistry	>15	NIL
<b>Dr Ram N Yadav</b>	M.Sc., Ph.D.	<b>Guest Faculty</b>	Natural Product Synthesis	>05	05

11. List of senior Visiting Fellows, adjunct faculty, emeritus professors  
Following visiting faculties were invited for special lectures and BOS in the Department

4. **Prof. Baliram**  
Professor and Head  
Department of Chemistry  
BHU, Varanasi
5. **Prof. N.D. Pandey**  
Professor in the Department of Chemistry  
MNIIT, Allahabad
6. **Prof. Hadi Hashan**

12. Percentage of classes taken by temporary faculty – program-wise information **70% in B. Tech.**
13. Program-wise Student Teacher Ratio : **60:1 in B. Tech.**
14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: **02**
15. Research thrust areas as recognized by major funding agencies **NIL**
16. Number of faculty with ongoing projects from **NIL**
- a) National **Applied for 01 minor research projects under UGC grant of Rs. 1, 50,000 funded for XII plan**
- b) International funding agencies **NIL**
- c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Title	Major/		Period	Total	Name of	Outcome of
	Minor		(Months)	Grant/Funding	Sponsoring/	Project
				received (Rs.)	Funding	
					Agency	
To investigate the Biological, Chemical & Toxicological Parameters of Water & Soil Pollution	Minor		12	1,50,000	UGC Innovation & Research Grant	Applied in VBS PU Jaunpur

17. Inter-institutional collaborative projects and associated grants received
- j) National collaboration **NIL**
- k) International collaboration **NIL**
- l) Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **NIL**
18. Research facility / Centre with
- state recognition
  - national recognition
  - international recognition
- Yes**
19. Special research laboratories sponsored by / created by industry or corporate bodies **NIL**
20. Publications:
- \* Number of papers published in peer reviewed journals (national / international) **33**
  - \* Monographs **NIL**
  - \* Chapters in Books **NIL**
  - \* Edited Books **NIL**
  - \* Books with ISBN with details of publishers **02**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average
  - \* SJR
  - \* Impact Factor – range / average **Detail is attached in faculty self-assessment report**
  - \* h-index
21. Details of patents and income generated **NIL**
22. Areas of consultancy and income generated **NIL**
23. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **NIL**
24. Faculty serving in **NIL**



- a) National committees b) International committees  
 b) Editorial Boards **NIL**  
 c) Any other (please specify)
25. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **Refresher / orientation programs**
26. Student projects **Not Applicable since department does not provide any degree it supports to B. Tech/MBA/MCA Courses**
- percentage of students who have done in-house projects including inter-departmental projects
  - percentage of students doing projects in collaboration with another universities / industry / institute
27. Awards /recognitions received at the national and international level by
- Faculty **NIL**
  - Doctoral / post-doctoral fellows **Doctoral**
  - Students **NIL**
28. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **NIL**
29. Code of ethics for research followed by the departments **As per standard norms**
30. Student profile program-wise: **Not Applicable**
- 31.

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

32. Diversity of students **Not Applicable**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

33. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Not Applicable**

34. Student progression **Not Applicable**

Student progression	Percentage against enrolled
UG to PG	
PG to M. Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

35. Diversity of staff **Not Applicable**

Percentage of faculty who are graduates	
of the same university	
from other universities within the State	
from universities from other States	
from universities outside the country	

36. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D. Litt. during the assessment period

37. Present details of departmental infrastructural facilities with regard to
- |   |               |
|---|---------------|
| a) Library                                    | <b>Common</b> |
| b) Internet facilities for staff and students | <b>Yes</b>    |
| c) Total number of class rooms                | <b>06</b>     |
| d) Class rooms with ICT facility              | <b>NIL</b>    |
| e) Students' laboratories                     | <b>YES</b>    |
| f) Research laboratories                      | <b>YES</b>    |

38. List of doctoral, post-doctoral students and Research Associates  
 a) From the host institution/university  
 b) From other institutions/universities  
**Not Applicable**
39. Number of post graduate students getting financial assistance from the university.  
**Not Applicable**
40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.  
**Not Applicable**
41. Does the department obtain feedback from?  
 aa. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **Yes, teachers try to improve their teaching ability according to some modifications as required in feedback.**  
 bb. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
 cc. Alumni and employers on the programmes offered and how does the department utilize the feedback?
42. List the distinguished alumni of the department (maximum 10)  
 Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- Department faculty provides Tutorials and Study material to the students. This material is also uploaded on university website.
  - Department cooperates to run **Remedial Coaching** funded by UGC for SC/ST/OBC and Minority students. The coaching improved the level of knowledge of our students and hence increased the number of pass out students than previous years.
  - The B.Tech students **actively** participate in NSS. Faculty of Engg. & Technology has **three** units of NSS with capacity of 300 students
  - In Eng. Campus ``एक छात्र एक पेड़ अभियान`` is implemented successfully and it has upgraded the greenery of whole campus**
  - B. Tech Students provides fully free teaching to financially poor students from nearby villages of the campus since September 2014. They have opened a free coaching Institute PRERNA running at a neighboring village of VBS PU Campus. **Coaching enriched awareness in nearby villages. More than 250 students got benefit from the coaching. Feedback of students and guardians is attached in PRERNA booklet.** Dr. Raj Kumar (Head of Dept.) works as a coordinator of the coaching.
  - Special lectures related with course/career counseling** were arranged for B. Tech Students by the eminent professors from other universities/ reputed institutes of India.
43. List the teaching methods adopted by the faculty for different programmes.  
**Classroom teaching/interaction with students through Tutorials/teaching through ICT /presentation by students**
44. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
**Getting feedback from the students.**
45. Highlight the participation of students and faculty in extension activities.
- Dept. Participates in Science Day &NSS Programme guiding to the students of Eng.**
  - Dept. Participates in ``एक छात्र एक पेड़ अभियान`` through plantation and caring of plants in VBS PU Campus to promotion its greenery.**
  - Department plays his important role by participating actively as a Deputy Coordinator of a committee constituted for making proposal and implementation under ``स्वच्छ भारत अभियान`` by the VBS Purvanchal University Jaunpur w.e.f. 29/05/2015**
  - B.Tech Students are teaching to **poor students from nearby villages** since September 2014. Coaching runs under the guidance of Head of dept. They have opened a free coaching institute PRERNA running at a neighboring village of VBS PU Campus. **Coaching enriched awareness in nearby villages.** More than 250 students got benefit from the coaching. Feedback from students and guardians is attached in PRERNA booklet.
46. Give details of "beyond syllabus scholarly activities" of the department.  
**To provide extra classes of GATE/NET preparation to students/ Science day celebration following by extra curriculum activities like quiz, group discussions on social issues, Poster, competition etc.**
47. State whether the programme/ department is accredited/graded by other agencies? If yes, give details.  
**NO**
48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Department actively plays his role to encourage the students in making a well strategy for**

**preparation of competitions.**

49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

- g. Being a self-finance faculty of VBS PU and intake of 360 from six branches of B. Tech, we collect Rs. 2, 16, 00000/-from admission fee of students. Financially, we are strong.
- h. Department faculty provides Tutorials and Study material to the students. This material is also uploaded to university website.
- i. Department provides extra classes for GATE/NET preparation to B. Tech. students.
- j. We provide INTERNET facility to students in classroom as well in Hostels.
- k. Department Participates in ``एक छात्र एक पेड़ अभियान`` through plantation and caring of plants in VBS PU Campus to enrich its greenery.

**Weaknesses:**

- f. We got admission of B. Tech students through UPSEE counseling. Most of the admitted students are from rural (Eastern UP) or financially weak background. So we have to do much effort in teaching to upgrade their knowledge.
- g. Shortage of regular teaching faculty causes a lot of administrative responsibilities on regular teachers. It affects their efficiency.
- h. All faculty of Department have not sufficient cabin without any AC/water facility i.e. faculty members do not have separate chambers with adequate facilities for teachers.
- i. We follow state government rules according to which contractual teachers of the department are working on **Rs. 25,000/- fix salary**. This weak salary structure of our campus affects on their screening and teaching.
- j. No any PG programme is running under the Department.
- k. Lack of Departmental conference room & Departmental Library.

**DEPARTMENT OF MATHEMATICS**

1. Name of the Department **Mathematics**
2. Year of establishment **1997**
3. Is the Department part of a School/Faculty of the university?  
**Yes, it is a part of Faculty of Engineering & Technology.**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.)  
**Individually the department does not offer any degree but supports to the Departments which run B. Tech, MBA and MCA courses in the campus.**
5. Interdisciplinary programmes and departments involved **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**
7. Details of programmes discontinued, if any, with reasons **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**Semester system** and initiative has been taken for **Choice Based Credit System** by the University in 2016.
9. Participation of the department in the courses offered by other departments  
**B. Tech, MBA and MCA courses**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>
Associate Professors	01	<b>NIL</b>	<b>NIL</b>
Asst. Professors	03*	01 (Permanent)+02 Contract	03

\*At present, 02 Lecturers (01 OBC and 01 General) on contract basis are working against two posts created by the self finance scheme while 01 Assistant Professor (OBC) is working against single permanent post created by state Govt.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Raj Kumar	M.Sc., Ph.D., NET(JRF)	Assistant Prof. & Head	Partial Differential Equations	>12 (UG & PG) 3.5 (below UG)	NIL
Dr. Uday Raj Prajapati	M.Sc., Ph.D.	<b>Lecturer on contract</b>	Hypergeometric Series	16 (UG )	NIL
Dr. Manoj Kumar Singh	M.Sc., Ph.D.	<b>Lecturer on contract</b>	Hypergeometric Series	>14 (UG )	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Following visiting faculties were invited for special lectures and BOS in the Department

1. **Prof. S.N. Pandey**  
Formally, Professor and Head  
Department of Applied Sciences, MMM Engineering College, Gorakhpur-273010, India  
M-9415386954  
E .mail: [pandey SNP@yahoo.co.in](mailto:pandey SNP@yahoo.co.in)
2. **Prof. T. Som**  
Professor in the Department of Mathematical Sciences, IIT BHU, Varansi  
M-9807506555  
E .mail: [som\\_tanmoy@yahoo.co.in](mailto:som_tanmoy@yahoo.co.in)
3. **Late Prof. O.P. Singh**  
Ex. Professor and Head,  
Department of Mathematical Sciences, IIT BHU, Varansi
4. **Prof. H.S. Shukla**  
Professor in Mathematics & Ex. Dean Faculty of Science  
Deen Dayal Upadhyay University, Gorakhpur  
Address: 743G, Professor lane, Ramjanki Nagar, Basartpur Gorakhpur  
0551-2502538  
M-9451678201
5. **Dr. S.N. Pandey**  
Associate Professor and Ex. Head  
Department of Mathematics, Motilal National Institute of Technology Allahabad, India  
M-9451179741
6. **Dr. S.U. Siddique**  
Associate Professor and Head  
Department of Mathematics, HBTI Kanpur, India
7. **Dr. Sarvesh Kumar**  
Associate Professor, Department of Mathematics  
Indian Institute of Space Science and Technology (Department of Atomic Energy)  
Thiruvanthapuram, Keral, India
8. **Dr. Sushil Kumar**  
Assistant Professor  
Department of Humanities and Mathematics  
Sardar Vallabh Bhai National Institute of Technology, Surat, India
9. **Prof. G.C. Sharma**  
Ex. Professor and Head  
Department of Mathematics  
Kandari Campus, B.R. Ambedkar University University Agra U.P.

13. Percentage of classes taken by temporary faculty – program-wise information

**5% in B. Tech.**

14. Program-wise Student Teacher Ratio

**150:1 in B. Tech.**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

**NIL**

16. Research thrust areas as recognized by major funding agencies **NIL**
17. Number of faculty with ongoing projects from
- a) National 01 Faculty, **2 minor research projects are sanctioned by the University under UGC grant of Rs. 1,55,000 funded for XII plan**
- b) International funding agencies **NIL**
- c) Total grants received. Sanction amount is **Rs. 1,55,000/-**

Give the names of the funding agencies, project title and grants received project-wise.

Title	Major/Minor	Period (Months)	Total Grant/Funding received (Rs.)	Name of Sponsoring/funding agency
<b>On Exact Solutions of (3+1)-Burgers' Equations using Similarity Transformations Method</b>	Minor	12	95,000	University sanctioned under Innovation & Research Grant of UGC for XII plan
<b>Closed Form Solutions of Natural Convection in a Rectangular Enclosure by Using Similarity Transformations Method</b>	Minor	18	60,000	University sanctioned under Innovation & Research Grant of UGC for XII plan

18. Inter-institutional collaborative projects and associated grants received
- m) National collaboration **NIL**
- n) International collaboration **NIL**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **2 minor research projects are sanctioned by the University under UGC grant of Rs. 1,55,000 funded for XII plan**
20. Research facility / centre with **NIL**
- state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies **NIL**
22. Publications:
- \* Number of papers published in peer reviewed journals (national / international) **15**
  - \* Monographs **NIL**
  - \* Chapters in Books **NIL**
  - \* Edited Books **NIL**
  - \* Books with ISBN with details of publishers **NIL**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average **Research Gate Score of Dr. Raj Kumar 9.56**
  - \* SNIP
  - \* SJR
  - \* Impact Factor – range / average **Detail is attached in faculty self assessment report**
  - \* h-index **4, Citations 34 (since 2011)**
23. Details of patents and income generated **NIL**
24. Areas of consultancy and income generated **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **NIL**
26. Faculty serving in **NIL**
- a) National committees
  - b) International committees
  - c) Editorial Boards
- d) Any other (please specify)

**Reviewer in a SCI Journal Computers & Mathematics with Applications (Elsevier)**

**Life Member Ship of Indian Mathematical Society**

**Annual membership of World Physics Association (WPA) From Nov. 2015 to Dec. 2016**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**Programme organized**

Sr No.	From	To	Title	Sponsored by	From institutes
1.	26 Nov., 2015	30 Nov. 2015	Numerical Computation Using MATLAB	UGC XII plan	Faculty of Engineering & Tech. VBS PU Jaunpur

28. Student projects **Not Applicable since department does not provide any degree it supports to B. Tech/MBA/MCA Courses**

- Percentage of students who have done in-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities / industry / institute

29. Awards /recognitions received at the national and international level by

- Faculty **NIL**
- Doctoral / post doctoral fellows **NIL**
- Students **NIL**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

**Workshop/Programme organized**

Sr No.	From	To	Title	Sponsored by	From institutes
1.	Nov. 10, 2010	Nov. 13, 2010	Better Engineer <b>(Workshop)</b>	Self Financed	Faculty of Engineering & Tech. VBS PU Jaunpur
2.	28 Feb. 2014	28 Feb. 2014	National Science Day <b>(Workshop)</b>	Purvanchal University Jaunpur	VBS Purvanchal University Jaunpur
3	26 Nov., 2015	30 Nov. 2015	Numerical Computation Using MATLAB <b>(Workshop)</b>	UGC XII plan	Faculty of Engineering & Tech. VBS PU Jaunpur
4	22 July 2016	28 July 2016	Numerical Techniques and Programming in MATLAB <b>(Lecture Series*)</b>	V.B.S. P.U. Jaunpur	Faculty of Engineering & Tech. VBS PU Jaunpur
5	17 Sept. 2016	18 Sept.	Communication Skills <b>(Workshop)#</b>	V.B.S. P.U. Jaunpur	Faculty of Engineering & Tech. VBS PU Jaunpur

\* All the lectures were uploaded on You Tube and corresponding link is provided at the University website. Besides, concerned study material and tutorials are given to students and uploaded them on the University website. During this lecture series two E-Modules were developed covering the syllabus of two units of Numerical techniques of Mathematics-III paper of B. Tech courses. Dr. Raj Kumar played his invaluable role for successful completion of the lecture series.

# it is proposed and likely to be arranged.

31. Code of ethics for research followed by the departments **As per standard norms**
32. Student profile program-wise: **Not Applicable**
33. Diversity of students **Not Applicable**
34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Not Applicable**
35. Student progression **Not Applicable**

Student progression	Percentage against enrolled
UG to PG	
PG to M. Phil.	
PG to Ph.D.	

Student progression	Percentage against enrolled
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	66%
from other universities within the State	
from universities from other States	33%
from universities outside the country	

37. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D. Lit. during the assessment period  
01 **Dr. Raj Kumar for Ph.D. (Nov. 2014)**

38. Present details of departmental infrastructural facilities with regard to

a) Library **Central library & Engg. library provide services to students**

b) Internet facilities for staff and students **Yes**

c) Total number of class rooms **08**

d) Class rooms with ICT facility **03**

e) Students' laboratories **NIL**

f) Research laboratories **NIL**

39. List of doctoral, post-doctoral students and Research Associates **Not Applicable**

a) from the host institution/university

b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.

**Not Applicable**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **NIL**

42. Does the department obtain feedback from

dd. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, teachers always try to improve their teaching according to the suggestions rendered by the eminent experts in the required field**

ee. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

ff. Alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10) **University has record**

44. Give details of student enrichment programmes (special lectures/ workshops /seminar) involving external experts. Details are as follows:

**I.** A lecture series on “**Numerical Techniques and Programming in MATLAB**” was organized by the department during 22-28<sup>th</sup> July 2016. The invited speakers were **Dr. Sarvesh Kumar**, Associate Professor, Indian Institute of Space Science & Technology, Department of Atomic Energy Thiruvananthapuram, Kerla and Dr. Shushil Kumar, Department of Mathematics from SVNIT, Surat. All the lectures were uploaded on You Tube and corresponding link is provided at the University website. Besides, concerned study material and tutorials are given to students and uploaded them on the University website. During this lecture series two E-Modules were developed covering the syllabus of two units of Numerical techniques of Mathematics-III paper of B. Tech courses. Dr. Raj Kumar played his invaluable role for successful completion of the lecture series.

**II.** A workshop on “**Communication Skills**” is proposed to organize by the department during 17-18<sup>th</sup> Sep. 2016 for all UG and PG students of the campus. The invited speakers will be Dr. Tanuj Nandan, Associate Prof. & Head, Department of Management Studies, Motilal Nehru National Institute of Technology Allahabad and Dr. Shefali Nandan, Assistant Professor, Department of Commerce and Business Administration, University of Allahabad, Allahabad

**III.** **Special lectures related with course/career counseling** were arranged for B. Tech Students by the eminent professors from other universities/ reputed institutes of India, notably Dr. Sarvesh Kumar, Assistant Professor, Indian Institute of Space Science & Technology, Department of Atomic Energy Thiruvananthapuram, Kerla (3-4 Dec'2014) on the topic: Linear Algebra, ODE's and Numerical Integrations, and Late Prof. O. P. Singh, Ex Head, Department of Mathematical Sciences, **IIT BHU, Varansi** (9 April Dec'2014) on the topic: Development of Calculus.

45. List the teaching methods adopted by the faculty for different programmes.

**We do classroom teaching/interaction with students through ICT also. We provide hard copy of Tutorials to the students. We usually conduct seminar /presentation by students.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Getting feedback from the students.**
47. Highlight the participation of students and faculty in extension activities.
- I. **Deptt. plays his important role participating actively as a Deputy Coordinator of a committee constituted for making proposal and implementation under “स्वच्छ भारत अभियान” by the VBS Purvanchal University Jaunpur w.e.f. 29/05/2015**
  - II. The B. Tech students **actively participate in NSS**. The Faculty of Engg. & Technology has **three** units of NSS containing 300 students. Dr. Raj Kumar (Head of Deptt.) is programme officer of NSS unit-III.
  - III. **Deptt. Participates in “एक छात्र एक पेड़ अभियान” through plantation and caring of plants in VBS PU Campus to upgrade its greenery.**
  - IV. B. Tech Students provides fully free teaching to financially poor students from nearby villages of the campus since **Feb. 2014**. They have initiated a free coaching Institute **PRERNA** running in Panchayat Bhawan at a neighboring village of VBS PU Campus. **Coaching enriched awareness in nearby villages. More than 250 students got benefit from the coaching. Feedback of students and guardians is attached in PRERNA booklet.** Dr. Raj Kumar (Head of Deptt.) works as a coordinator of the coaching.
48. Give details of “beyond syllabus scholarly activities” of the department.  
**To provide extra classes of GATE/NET preparation to students/ Science day celebration (28 Feb’2015 ) followed by extra curriculum activities like quiz, group discussions on social issues, Poster, competition etc.**
49. State whether the programme/ department is accredited/graded by other agencies? If yes, give details.  
**NO**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Deptt. actively plays his role to encourage the students in making a well strategy for preparation of competitions/ career.**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

#### **Strengths:**

- l. Open electives in syllabus are **interdisciplinary**.
- m. At present, we have **4 smart classrooms** in engineering building equipped with modern facilities.
- n. We provide **Internet facility to students** in classroom and in hostels.
- o. **Feed back by students is positive.**
- p. Being a self finance faculty of VBS PU and intake of 360 from six branches of B. Tech, we collect Rs. 2,16,00000/-from admission fee of students. **Financially, we are strong.**
- q. Department faculty provides **Tutorials and Study material** to the students. This material is also uploaded on university website. This activity works as a booster in semester system.
- r. Department provides some extra classes **for GATE/NET preparations** to B. Tech. students.

#### **Weaknesses:**

- l. Students teacher ratio is poor.
- m. We have **poor connectivity from other developed places of the country.**
- n. In state university system, we have to face **Government interferences/ dependence** causes withhold the academic improvements many times, the post regularity and continuation in the Engineering faculty is an example of it.
- o. Shortage of regular teaching faculty causes a lot of administrative responsibilities on regular teachers. It affects their efficiency. Only **one permanent teacher is appointed in the department who is working at minimum salary without getting a single promotion through CAS. One post of Associate Professor in the Department is vacant from last 15 years.**
- p. Our contractual teachers in the department are working on **Rs. 35000/- fix salary**. This is a **poor salary structure** of our campus.
- q. We **cannot be permitted to enroll a research scholar** having teaching experience of UG level since ordinance of Ph.D states that a research supervisor must have teaching experience of 5 years at PG level.

#### **Opportunities:**

- a. The Purvanchal University campus is located in rural backward area. If the University appoints highly qualified permanent teachers then they can provide technical and professional education to the locality residing in the Purvanchal zone of UP. Thus, **the citizen of this area may become well educated.**



**b. Extension activity beyond the syllabus:** Even our campus is situated in a backward area of UP. To enhance awareness in nearby villages, our UG students are teaching for welfare of financially weak students from nearby villages since February, 2014. They have established a free coaching “PRERNA” at a neighboring village DEVKALI of VBS PU Campus. More than 250 students got benefit from the coaching. A good collection of feedback from students and their guardians is attached in PRERNA booklet. Coaching runs under the guidance of Dr. Raj Kumar, Head of the Department. Department actively cooperates in running **Remedial Coaching** funded by UGC especially for SC/ST/OBC and Minority students. The coaching improved the level of knowledge of our students and hence increased the number of pass out students than previous years. Deptt. plays his important role participating actively as a Deputy Coordinator of a committee constituted for making proposal and implementation under “स्वच्छ भारत अभियान” by the VBS Purvanchal University Jaunpur w.e.f. 29/05/2015. The B. Tech students **actively participate in NSS**. The Faculty of Engg. & Technology has **three** units of NSS containing 300 students. Dr. Raj Kumar (Head of Deptt.) is programme officer of NSS unit-III. **Deptt. Participates in “एक छात्र एक पेड़ अभियान” through plantation and caring of plants in VBS PU Campus to upgrade its greenery.**

**Challenges:**

- a) **Placement** of our students is now poor.
- b) Presence of **large number of B. Tech Colleges** in India.
- c) We comparatively get a poor educated stuff of B. Tech. students. So we provide them extra classes on Sunday/Holidays, Remedial Coaching for SC/ST/OBC and Minority funded by UGC. We also get good result of it.

52. **Future plans** of the department:

- Overall development of our campus
- Department has planned to apply AICTE/DST funded major research project to create research environment in engineering.
- In coming academic year i.e. in 2017, department is going to organize a national conference.

**DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES**

1. Name of the Department **Humanities and Social Sciences**
2. Year of establishment **1997**
3. Is the Department part of a School/Faculty of the university?  
**Yes, it is a part of Faculty of Engineering & Technology.**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D. Sc., D.Litt., etc.)  
**Individually department does not offer any degree but supports to all B. Tech, B.Pharm courses running in the campus of V.B.S. Purvanchal University, Jaunpur.**
5. Interdisciplinary programmes and departments involved  
**MBA, HRD & Applied Psychology**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**
7. Details of programmes discontinued, if any, with reasons **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**Semester**
9. Participation of the department in the courses offered by other departments  
**B. Tech, MBA and MCA courses**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>
Associate Professors	01 (GEN)	<b>NIL</b>	<b>NIL</b>
Asst. Professors	03	01 (Permanent)+02* Contract	Direct Recruitment

\*At present, 01 Lecturer (01 General) is working on contract basis and 01 guest lecturer against two posts created by self finance scheme while 01 Assistant Professor (GEN) is working against single permanent post created by state Govt.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Praveen Prakash	M.A., M. Phil , Ph.D. (UGC Fellow)	Assistant Prof. & Head	Ancient Indian History & Buddhist Philosophy & Art History	>16 (UG & PG) 6 yrs (UG)	Evaluated 05 Ph.D. thesis)
Dr. Sarita K. Singh	M.A. (Philosophy), MA (English), Ph.D.	<b>Lecturer on contract</b>	Ethics	>9 (UG )	NIL
Ms. Vandana Singh	M.A., NET	<b>Guest Faculty</b>	Environmental Psychology	01 Month (UG )	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Following visiting faculties were invited for BOS in the Department

10. **Prof. M. K. Das**  
Ex Dean & Head  
Professor and Head  
Faculty of Education  
MGK Vidyapitha Varansi  
M-9818876254
11. **Prof. P.K. Singh**  
Ex Head, Deptt. of English  
Ex. Dean, Faculty of Arts  
MGK Vidyapitha Varansi  
M-9450871331
12. **Prof. L. U. B. Pandey**  
Department of Humanities,  
KNIT Sutanpur

13. Percentage of classes taken by temporary faculty – program-wise information

**10% in B. Tech.**

14. Program-wise Student Teacher Ratio

**300:1 in B. Tech.**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

**01**

16. Research thrust areas as recognized by major funding agencies

**NIL**

17. Number of faculty with ongoing projects from

a) national

**02 (20 and 25<sup>th</sup> sessions of the UP History Congress Research**

**Proceedings)**

b) International funding agencies and

**NIL**

c) Total grants received.

Give the names of the funding agencies, project title and grants received project-wise.

18. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**NIL**

19. Research facility / centre with

**NIL**

- state recognition
- national recognition
- international recognition

20. Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

21. Publications:

- \* Number of papers published in peer reviewed journals (national / international)

10+5

- \* Monographs **NIL**
- \* Chapters in Books **03**
- \* Edited Books **01**
- \* Books with ISBN with details of publishers **02 (under publication)**
- \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- \* Citation Index – range / average
- \* SNIP
- \* SJR
- \* Impact Factor – range / average
- \* h-index
- 22. Details of patents and income generated **NIL**
- 23. Areas of consultancy and income generated **NIL**
- 24. Faculty selected nationally / institutions / industries in India **Delhi University, Mumbai University, Gautam Budha University Noida, Central Institute of Buddhist Studies Leh-Ladakh, University of Culture Bhubaneswar**
- 25. Faculty serving in
  - a) National committees **Deptt. of African Studies (Advisory committee)**
  - b) International committees
  - c) Editorial Boards **Deptt. of African Studies (Editorial Board)**
  - d) Any other (please specify)
- 26. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **01 week workshop attended at Arya Mahil PG College Varansi**
  - Student projects **Not Applicable**
  - percentage of students who have done in-house projects including inter-departmental projects
  - percentage of students doing projects in collaboration with other universities / industry / institute
- 27. Awards /recognitions received at the national and international level by
  - Faculty **NIL**
  - Doctoral **UGC Fellow, ICHR Study grant, ICPR Study grant**
  - Students **NIL**
- 28. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

**Conference organized**

Sr No.	From	To	Title	Organized by
1.	03/10/2009	04/10/2009	UP History Congress	Deptt. of Humanities & Social Sciences VBS PU Jaunpur.
2.	15/11/2014	16/11/2014	UP History Congress Silver Jubilee Session	Deptt. of Humanities & Social Sciences VBS PU Jaunpur.

- 29. Code of ethics for research followed by the departments **As per standard norms**
- 30. Student profile program-wise: **Not Applicable**
- 31. Diversity of students **Not Applicable**
- 32. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Not Applicable**
- 33. Student progression **Not Applicable**

Student progression	Percentage against enrolled
UG to PG	
PG to M. Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	

Student progression	Percentage against enrolled
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

34. Diversity of staff NIL
- | Percentage of faculty who are graduates  |  |
|--|--|
| of the same university                   |  |
| from other universities within the State |  |
| from universities from other States      |  |
| from universities outside the country    |  |
35. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D. Lit. during the assessment period  
**NIL**
36. Present details of departmental infrastructural facilities with regard to
- a) Library **Central library & Engg. library provide services to students**
  - b) Internet facilities for staff and students **Yes**
  - c) Total number of class rooms **08**
  - d) Class rooms with ICT facility **NIL**
  - e) Students' laboratories **NIL**
  - f) Research laboratories **NIL**
37. List of doctoral, post-doctoral students and Research Associates **Not Applicable**
- a) from the host institution/university
  - b) from other institutions/universities
38. Number of post graduate students getting financial assistance from the university.  
**Not Applicable**
39. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **NIL**
40. Does the department obtain feedback from
- gg. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
**Yes, teachers always try to improve their teaching according to the suggestions rendered by the eminent experts in the required field**
  - hh. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
  - ii. Alumni and employers on the programmes offered and how does the department utilize the feedback?
41. List the distinguished alumni of the department (maximum 10) **University has record**
42. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.
- VI. Department faculty provides Tutorials and Study materials to the students. The material is also uploaded on the university website.
- VII. Department actively cooperates in running **Remedial Coaching** funded by UGC especially for SC/ST/OBC and Minority students. The coaching improved the level of knowledge of our students and hence increased the number of pass out students than previous years.
43. List the teaching methods adopted by the faculty for different programmes.  
**Classroom teaching/interaction with students through Tutorials/teaching through ICT /presentation by students**
44. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Getting feedback from the students.**
45. Highlight the participation of students and faculty in extension activities.
46. Give details of "beyond syllabus scholarly activities" of the department.  
**Science day celebration (28 Feb'2015 ) followed by extra curriculum activities like quiz, group discussions on social issues, Poster, competition etc.**
47. State whether the programme/ department is accredited/graded by other agencies? If yes, give details.  
**NO**
48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.  
**Strengths:**
- s. Being a self finance faculty of VBS PU and intake of 360 from six branches of B. Tech, we collect Rs. 2,16,00000/-from admission fee of students. **Financially, we are strong.**
  - t. Department faculty provides **Tutorials and Study material** to the students. This material is also uploaded on university website. This activity works as a booster in semester system.

- u. Department **provides some extra classes for GATE/NET preparations** to B. Tech. students.
- v. We provide **NET facility to students** in classroom and in hostels.
- w. Deptt. Participates in ``**एक छात्र एक पेड़ अभियान**`` through plantation and caring of plants in VBS PU Campus **to enrich its greenery.**

#### **Weaknesses**

- r. We take admissions of B. Tech students through UPSEE counseling. **Most of the admitted students are from rural (Eastern UP) or financially weak background.** So we have to do much effort in **teaching to upgrade their knowledge.**
- s. Shortage of regular teaching faculty causes a lot of administrative responsibilities on regular teachers. It affects their efficiency. **Only one permanent teacher is appointed in the department who is working at least salary without getting a single promotion through CAS. One post of Associate Professor in the Department is vacant from last 14 years.**
- t. All faculty of Deptt. have a single cabin without any AC/water facility i.e. **faculty members do not have separate chambers with adequate facilities for teachers.**
- u. We follow state government rules according to which contractual teachers of the department are working on **Rs. 25,000/- fix salary.** This is a **poor salary** structure of our campus because private colleges pay minimum Rs. 30000/- to a fully qualified teacher. It affects on their teaching.
- v. Dr. Raj Kumar, Head of Deptt. has good academic and research ability. He has joined the Department in 2004 on the post of an Assistant Professor. He received his Master's (1998) from IIT Roorkee, Roorkee and Ph.D. (Nov, 2014) degree from Motilal Nehru National Institute of Technology Allahabad, India. He has published 7 research papers in refereed journals including SCI, 7 in national/international conferences on nonlinear fluid flow and solutions are obtained by using Similarity Transformations Method for nonlinear partial differential equations. Besides, he attended 12 workshops/ summer courses/seminars. But he as well as other teachers in the department is **facing lack of research facilities** in the VBS PU Jaunpur campus.

#### **Opportunities:**

- c. VBS PU campus is located in rural backward area. If university appoints highly qualified permanent teachers then they can provide technical and professional education to the locality residing in Purvanchal zone of UP. Thus, **the citizen of this area may become well educated.**
- d. Even our campus is situated in a backward area of UP. To **enrich awareness in nearby villages,** our B. Tech Students are teaching for welfare of **financially weak students** from nearby villages since February, 2014. They have established a free coaching institute PRERNA at a neighboring village DEVKALI of VBS PU Campus. More than 250 students got benefit from the coaching. A good collection of feedback from students and their guardians is attached in PRERNA booklet. Coaching runs under the guidance of Dr. Raj Kumar, Head of Deptt.

#### **Challenges:**

- We comparatively get a poor educated stuff of B. Tech. students. So we provide them extra classes on Sunday/Holidays, Remedial Coaching for SC/ST/OBC and Minority funded by UGC. We also get good result of it.
- B. Tech Students provide fully free teaching to financially poor students from nearby villages of the campus since February, 2014. They have opened a free coaching Institute PRERNA running at a neighboring village of VBS PU Campus. **Coaching enriched awareness in nearby villages. More than 250 students got benefit from the coaching. Feedback of students and guardians is attached in PRERNA booklet.**
- **Most of the soil of the campus is less fertile. To make campus green ``एक छात्र एक पेड़ अभियान`` is implemented successfully. The increased greenery of whole campus reflects its impact.** Dr. Raj Kumar (Head of Deptt.) plays his leading role in the mission.

#### 50. **Future plans** of the department:

- Department is going to organize a 5-6 days workshop on "MATLAB and its Mathematical Applications in Engineering" for all B. Tech students of CSE, IT and EE branch of UNSIET during 24-29 Nov. 2015.
- Department has planned to apply AICTE/DST funded major research project to create research environment in engineering.
- In coming academic year i.e. in 2016, department is going to organize a national conference.

## DEPARTMENT OF COMPUTER APPLICATION

1. Name of the Department : **Computer Applications**
2. Year of establishment: **1997**
3. Is the Department part of a School/Faculty of the university? : **YES**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **PG (MCA), Ph.D**
5. Interdisciplinary programmes and departments involved: **Department of Pharmacy & Department of CSE & IT**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NO**
7. Details of programmers discontinued, if any, with reasons : **NO**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : **SEMESTER**
9. Participation of the department in the courses offered by other departments: **YES**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	-----	1
Associate Professors	1	-----	1
Asst. Professors	4	4	4
Others	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Saurabh Pal	M.Tech., Ph.D.	Assistant Professor	Data Mining	15	4
Dr. Surjeet Yadav	M.Sc.(CS), Ph.D.	Assistant Professor	Algorithm	15	Nil
Dr. Noopur Tiwari	MCA, Ph.D.	Assistant Professor	Software Engineering	15	Nil
Mr. Sanjeev Gangwar	MCA, M.Phil.(CS), Ph.D.(Perusing)	Assistant Professor	Operating System, Ad Hoc network	9	Nil
Dr. Munindra Kr. Singh	MCA, Ph.D.	Lecturer	Grid Computing	8	Nil
Mr. Vikas Chaurasia	MCA, Ph.D. (Perusing)	Lecturer(Guest)	Data Mining	8	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-
  - ❖ **Prof. Satya Singh, MGKVP Univ. Varanasi**
  - ❖ **Prof. R.B. Mishra, B.H.U. Varanasi**
  - ❖ **Prof. Udai Shankar, M.M.M Technological Univ. Gorakhpur**
  - ❖ **Dr. S.S. Mishra, Dr. R.M.L.A. Univ. Faizabad**
  - ❖ **Dr. Himanshu Pandey Pt. D.D.U Univ. Gorakhpur**
  - ❖ **Prof. R.A. Khan, B.B.A Univ. Lucknow**
13. Percentage of classes taken by temporary faculty – programme-wise information : **33%**
14. Programme-wise Student Teacher Ratio: **30:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Staff(Technical)/ Administrative Staff	Sanctioned	Filled	Actual
	02	02	02

16. Research thrust areas as recognized by major funding agencies: **Data Mining & Software Engineering**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :

- a) 02
- b) 00
- c) 1,55,000

**Application of Data Mining Techniques with special reference to academic Performance Monitoring and evaluation in higher education- UGC minor research project (Rs. 65,000)**

**Sum observation on modernization and maintainability of legacy systems- UGC minor research project (Rs. 90,000)**

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration b) International collaboration : *N/A*

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **UGC(3 Projects)**

20. Research facility / centre with :

- state recognition: **Yes**
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies *N/A*

22. Publications: **69**

- ❖ Number of papers published in peer reviewed journals (national / international) : **69**
- ❖ Monographs: **Nil**
- ❖ Chapters in Books: **2**
- ❖ Edited Books : **Nil**
- ❖ Books with ISBN with details of publishers: **4**
  - **Artificial Intelligence, ISBN88114-60-04, Umesh Publication New Delhi**
  - **Graph Theory, ISBN88114-52-09, Umesh Publication New Delhi**
  - **System Analysis & design, UPRTOU Allahabad**
  - **Internet & Java Programming, ISBN978-81-8329-682-3, Shree Publishes & Distributers New Delhi**
- ❖ Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **55**
- ❖ Citation Index – range / average : **1259**
- ❖ SNIP
- ❖ SJR
- ❖ Impact Factor – range / average : **18.04**
- ❖ h-index : **25**

23. Details of patents and income generated **-NO**

24. Areas of consultancy and income generated **-NO**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **-YES**

26. Faculty serving in

- a) National committees **-01(AISHE)**
- b) International committees **-00**
- c) Editorial Boards **-25**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).  
Refresher, Orientation programs, workshops, short term courses, conference, seminar, training programmes, etc.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute : **100%**

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **Conducting one day workshop on AISHE for training the nodal officers of college**

31. Code of ethics for research followed by the departments

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2007-08	Through UPSEE	19	2	93.4	100
2008-09	Through UPSEE	38	5	92	100
2009-10	Through UPSEE	35	4	96	100
2010-11	Through UPSEE	17	0	100	
2011-12	Through UPSEE	25	4	93	100
2012-13	Through UPSEE	37	6	81	100
2013-14	Through UPSEE	33	1	100	100
2014-15	Through UPSEE	25	4		
2015-2016	Through UPSEE	35	7		
2016-2017	Through UPSEE	9	1		

33. Diversity of students(MCA)

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2007-08	30	40	30	nil
2008-09	25	50	25	nil
2009-10	40	35	25	nil
2010-11	15	65	29	nil
2011-12	55	40	05	nil
2012-13	60	40	nil	Nil
2013-14	40	40	20	Nil
2014-15	36	40	24	Nil
2015-2016	42	38	20	Nil
2016-2017	50	40	10	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **03**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	<b>10</b>
PG to Ph.D.	<b>2</b>
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	Nil
• Other than campus recruitment	65
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	<b>17</b>
from other universities within the State	66
from universities from other States	17
from universities outside the country	nil



37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period  
M.Phil- **01**  
Ph.D.-**02**
38. Present details of departmental infrastructural facilities with regard to  
a) Library **Yes**  
b) Internet facilities for staff and students -**Yes**  
c) Total number of class rooms- **03**  
d) Class rooms with ICT facility- **NIL**  
e) Students' laboratories -**01**  
f) Research laboratories - **NIL**
39. List of doctoral, post-doctoral students and Research Associates  
a) From the host institution/university  
b) From other institutions/universities
40. Number of post graduate students getting financial assistance from the university. **NO**
41. Was any need assessment exercise undertaken before the development of new programmer(s)? If so, highlight the methodology. **Yes by students & Alumni**
42. Does the department obtain feedback from  
jj. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **To revise syllabus**  
kk. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **For extension of guest & Contract Faculty**  
ll. Alumni and employers on the programmer offered and how does the department utilize the feedback?  
**To revise of syllabus and start of new course**
43. List the distinguished alumni of the department (maximum 10)  
**(1) Aniruth shukla**  
**(2) Ashish Upadhyay**  
**(3) Madhukar Jain**  
**(4) Sudha Sharma**  
**(5) Abhishek Srivastava**  
**(6) Anil Jaiswal**  
**(7) Ashish Yadav**  
**(8) Rishi Srivastava**  
**(9) Ajay Kumar Pal**  
**(10) Niharika Srivastava**
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. Conducting special lecture by the following faculties  
❖ **Prof. Satya Singh, MGKVP Univ. Varanasi**  
❖ **Prof. R.B. Mishra, B.H.U. Varanasi**  
❖ **Prof. Udai Shankar, M.M.M Technological Univ. Gorakhpur**  
❖ **Dr. S.S. Mishra, Dr. R.M.L.A. Univ. Faizabad**  
❖ **Dr. Himanshu Pandey Pt. D.D.U Univ. Gorakhpur**  
❖ **Prof. R.A. Khan, B.B.A Univ. Lucknow**
45. List the teaching methods adopted by the faculty for different programmers. **Through black board & chalk methods & power point presentation**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
**Time to time meetings and discussions with Head and Faculty members**  
**Time to time conducting class tests & oral presentation of students**
47. Highlight the participation of students and faculty in extension activities. One tree one student program, to conduct computer program high school & intermediate students in government schools.
48. Give details of "beyond syllabus scholarly activities" of the department. Participation in blood donation camp, Conducting computer awareness program in the village
49. State whether the programme/department is accredited/ graded by other agencies? If yes, give details. **NO**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Educational data mining**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

- (1) Well qualified and sincere core faculty members*
- (2) Well equipped computer lab with latest software*
- (3) Well documented enriched library with books, journals, magazines etc*
- (4) All faculty members played important role in the functioning of university*
- (5) Highest citation 1259 in the university*

**Weaknesses**

- (1) No separate building for MCA course*
- (2) No any smart class room*
- (3) No research lab in the department*

**Opportunities**

- (1) Conducting international seminar & conference*
- (2) Starting new course*
- (3) Placement opportunities for students*

**Challenges**

- (1) down demand rate for MCA*
- (2) Less interest among students to pursuing MCA*
- (3) Recruitment on the post of professors and associate professor*

52. Future plans of the department. – *To start BCA program*

## FACULTY OF MEDICINE

### DEPARTMENT OF PHARMACY

- 1.Name of the Department **PHARMACY**  
 2.Year of establishment **2003-04**  
 3.Is the Department part of a School/Faculty of the university? **YES**  
 4.Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc, D.Litt, etc.) **UG**  
 5.Interdisciplinary programmes and departments involved **NO**  
 6.Courses in collaboration with other universities, industries, foreign institutions, etc.  
 7.Details of programmes discontinued, if any, with reasons **NO**  
 8.Examination System: **SEMESTER**  
 9.Participation of the department in the courses offered by other departments **No**  
 10.Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS)
Professor	<b>04</b>	<b>01</b>	01
Associate Professors	<b>04</b>	<b>00</b>	00
Asst Professors	<b>04</b>	<b>NIL</b>	10
Others	<b>00</b>	<b>00</b>	00

- 11.Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided in last 4 years
Mr. A K. Srivastava	M. Pharm.	Professor	Pharmaceutics	29	Nil
Mr. Rajeev kumar	M. Pharm.	Lecturer	Pharmaceutics	08	Nil
Mr. Nripendra Singh	M. Pharm.	Lecturer	Pharmaceutics	06	Nil
Mrs. Puja Saxena	M. Pharm.	Lecturer	Pharmacology	06	Nil
Mr. VijayBahadur Maurya	M. Pharm.	Lecturer	Pharmaceutics	06	Nil
Mr. Vinay Kumar Verma	M. Pharm.	Lecturer	Pharmacognosy	05	Nil
Mr. Ashish Kumar Gupta	M. Pharm.	Lecturer	Pharmaceutics	06	Nil
Mr. Dharmendra Singh	M. Pharm.	Lecturer	Pharmacognosy	05	Nil
Mr. SurendraKumar Singh	M. Pharm.	Lecturer	Pharmacology	05	Nil
Mr. Alok Kumar Dash	M. Pharm.	Lecturer	Pharm.Chemistry	05	Nil
Mrs. Jhansee Mishra	M. Pharm.	Lecturer	Pharmaceutics	03	Nil

- 12.list of senior Visiting Fellows, adjunct faculty, emeritus professors **NIL**  
 13.Percentage of classes taken by temporary faculty - **10%**  
 14.Programme-wise Student Teacher Ratio **15:1**  
 15.Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Designation	Required (Minimum)	Available
Laboratory Technician	1 for each Dept ( <b>04</b> )	00
Laboratory Assistants / Attendants	1 for each Lab (minimum) ( <b>08</b> )	03
Office Superintendent	1	01
Accountant	1	00
Store keeper	1	01
Computer Data Operator	1	00
Office Staff I	1	02
Office Staff II	2	02
Peon	2	01
Cleaning personnel	Adequate	01
Gardener	Adequate	01

- 16.Research thrust areas as recognized by major funding agencies **NONE**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

18. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration

**NIL**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, ^ AICTE, etc.; total grants received.

**NIL**

20. Research facility / centre with

**NONE**

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies

22. Publications:

- Number of papers published in peer reviewed journals (national / international) **16**
- Monographs **None**
- Chapters in Books **None**
- Edited Books **None**
- Books with ISBN with details of publishers **None**
- Number listed in International Database (For e.g. Web of Science, Scopus, **None**
- Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **NONE**
- Citation Index - range / average **None**
- SNIP **None**
- SJR **None**
- Impact Factor - range C average **3.0**
- h-index **None**

23. Details of patents and income generated

**NIL**

24. Areas of consultancy and income generated

**NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

**NIL**

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)  
CPCSEA, MOEF

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

28. Student projects

- percentage of students who have done in-house projects, including interdepartmental projects **100%**
- percentage of students doing projects in collaboration with other universities / industry / institute **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty : Mr. dharmendra Singh awarded First prize at KGMU, Lucknow for outstanding presentation on discovery of new drugs from natural sources. **One**
- Doctoral / post doctoral fellows **None**
- Students ( Best Speaker in Student Parliament) **One**

30. Seminars/ Conferences/Workshops organized and. the source of funding (national / international) with details of outstanding participants, if any. **01**

“ Recent Trend in Pharmaceutical Sciences” held on 8<sup>th</sup> & 9<sup>th</sup> April 2015

31. Code of ethics for research followed by the departments ( IAEC) **Yes**

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected Male	Female	Pass percentage	
				Male	Female
B. Pharm. (2009-10)	36	28	08	50	62.5
B. Pharm. (2010-11)	29	20	09	75	77.8
B. Pharm. (2011-12)	30	22	08	90.9	50
B. Pharm. (2012-13)	59	48	11	Awaited	

33. Diversity of Students

Name of the programme	% of students	% of students	% of students	% of
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(Refer to question no 4)	from the same university	from other universities within the state	from universities outside the state	students from other countries
2009-13				
2010-14	NA	NA	NA	NA
2011-15	NA	NA	NA	NA
2012-16	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.- NIL

**GPAT- 17**

35. Student progression	Student progression	Percentage against enrolled
UGtoPG		NIL
PG to MPhil.		NIL
PG to Ph.D..		NIL
Ph.D.. to Post-Doctoral		NIL
Employed		
• Campus selection		NIL
• Other than campus recruitment		100%
Entrepreneurs		Nil

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university 13 "J	Nil
from other universities within the State 7~	64%
from universities from other States	36%
from universities outside the country	Nil

37. Number of faculty who were awarded M Phil., Ph.D., D.Sc. and D. Litt. during the assessment period  
**Nil**

38. Present details of departmental infrastructure facilities with regard to

- a) Library **Available**
- b) Internet facilities for staff and students **Available**
- c) Total number of classrooms **04**
- d) Classroom with ICT facility **Nil**
- e) Students' laboratories **12**
- f) Research laboratories **NIL**

39. List of doctoral post-doctoral students and Research Associates

- e) from the host institution/ university **Nil**
- f) from other institutions/universities **NIL**

40. Number of post graduate students getting financial assistance from the university **Nil**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Nil**

42. Does the department obtain feedback from

- g) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? **Yes**
- h) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes**
- i) alumni and employers on the programmes offered and how does the department utilize the feedback?

**Not applicable**

43. List the distinguished alumni of the department (maximum 10)

- Ms Shahjahan Siddiqui
- Mr. Lavkush Srivastava
- Mr. Praveen Verma
- Ms. Anam Beg
- Mr. Vivek Singh
- Mrs. Kaushiki Singh
- Mr. Rajesh Prasad
- Mrs. Ekta Sonkar

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. **04**

- Counterfeit Drugs By Prof. Pradeep Kumar HCPG College, Varanasi
- Intellectual Property Rights By Dr. C H V Rao, Principal Scientist, NBRI, Lucknow.
- Pharmacognostical Screening of Herbal Drugs by Dr. Sharad Srivastava, Principal Scientist, NBRI, Lucknow.
- Laboratory care of Animals by Dr. U D Gupta, JALMA, Agra

45. List the teaching methods adopted by the faculty for different programmes.

- I. Oral presentation
- II. Power point presentation
- III. Model teaching
- IV. Student participation
- V. Teaching through assignment base system.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- I. Making lecture plan and monitoring.
- II. Presentation by students
- III. Class Tests
- IV. Sessional Tests

47. Highlight the participation of students and faculty in extension activities.

- I. Pharmacy awareness to villager during National Pharmacy Week
- II. Blood donation camp
- III. Physical check up camp for village public.

48. Give details of "beyond syllabus scholarly activities" of the department

- I. One lecture per week as tutorial.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

**By Pharmacy Council of India.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. NIL

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

<b>Strengths</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenges</b>
Infrastructure	Shortage of Instruments	M. Pharm.	Climatic conditions
Faculty	Shortage of staff	Pharm. D.	Resources
Local need	Poor Power supply	R & D	Recruitment
Subject discipline	Shortage of Fund	Public testing laboratory	Development of staff
Campus facility	Climatic conditions adverse	Center for QIP	Research project

52. Future plans of the department

- I. M. Pharm. / Pharm. D. Courses
- II. Coaching for GPAT

## FACULTY OF SOCIAL SCIENCES

### DEPARTMENT OF APPLIED PSYCHOLOGY

1. Name of the Department Applied Psychology
2. Year of establishment 1998
3. Is the Department part of a School/Faculty of the university? yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) PG And PhD
5. Interdisciplinary programmes and departments involved none
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
7. Details of programmes discontinued, if any, with reasons
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –Semester system
9. Participation of the department in the courses offered by other departments
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>01</b>	<b>00</b>	<b>00</b>
Associate Professors	<b>02</b>	<b>00</b>	<b>00</b>
Asst. Professors	<b>04</b>	<b>01</b>	<b>01</b>
Others (Guest Faculty)		<b>01</b>	<b>01</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
1.Ajai Pratap Singh	MA,MPhil,PhD	Asst Prof	OB & HRM	16 years and 9 months	02
2.Subhash Verma	MA,JRF	Guest Lecturer	OB & HRM	1	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-none

13. Percentage of classes taken by temporary faculty – programme-wise information

Classes	Faculty	% classes
MA	MrSubhashVerma	23.07

14. Programme-wise Student Teacher Ratio-20:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Post	Sanctioned	Filled	Actual
Office Asst	<b>01</b>	<b>00</b>	<b>00</b>
Data Entry operator	<b>01</b>	<b>00</b>	<b>00</b>
Peon	<b>01</b>	<b>00</b>	<b>00</b>

16. Research thrust areas as recognized by major funding agencies
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. none
18. Inter-institutional collaborative projects and associated grants received
  - p) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
20. Research facility / centre with

- state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies
  22. Publications:
    - \* Number of papers published in peer reviewed journals (national / international) -12
    - \* Monographs
    - \* Chapters in Books-03
    - \* Edited Books -01
    - \* Books with ISBN with details of publishers
    - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
    - \* Citation Index – range / average
    - \* SNIP
    - \* SJR
  
    - \* Impact Factor – range / average
    - \* h-index
  23. Details of patents and income generated
  24. Areas of consultancy and income generated
  25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
  26. Faculty serving in
    - a) National committees
    - b) International committees
    - c) Editorial Boards
    - d) any other (please specify)
  27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
  28. Student projects
    - percentage of students who have done in-house projects including inter-departmental projects
    - percentage of students doing projects in collaboration with other universities / industry / institute
  29. Awards / recognitions received at the national and international level by
    - Faculty
    - Doctoral / post doctoral fellows
    - Students
  30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

### **1.National Seminar on Emerging Trends in Applied Psychology, 11<sup>th</sup>& 12<sup>th</sup> Feb. 2014(UGC)**

#### **Resource Persons**

**Dr. Carol Bobby**, President, The Council for Accreditation of Counseling and Related Educational Programs (CACREP)& INAAHE, USA

**Dr. Charles “Rick Gressard**, Chairperson, International Registry of Counsellor Education Program (IRCEP),USA

**Dr. SachinJain** : Chair- American Counselling Association- international Program

**Dr. Sylvia Lindinger-Sternart**The University of Toledo,USA

### **2.International Workshop on Counselling Skills in Health Profession and Schools 23-26 October 2013(UGC)**

#### **Resource Persons**

1) **Cirecie West Olatunji**, Ph.D., President, American Counseling Association

2) **Jeannine R. Studer**,Professor, The University of Tennessee

3) **Dr. John Yasenachak**, Husson University.

4) **Dr. Steve Bieber**, Department Chair, Statistics, University of Wyoming.

5) **Pam McMahon**, Ph.D., NCC, CHt., Behavioral Health-Tucson

6) **Dr. Anneliese Singh**, Ph.D., The University of Georgia.

7) **Dr. SachinJain** : Chair- American Counselling Association- international Program

### **3. International Meet on Collaboration with American Universities and International Conference onCounselling and Community Psychology 17-19 December, 2011(UGC)**

#### **Resource Persons**

1.**Dr. Bradley Erford**, President-elect, American Counseling Association.



2. **Dr. Steven Farmer**, University of North Texas,
3. **Dr. Sachin Jain**, Oakland University,
4. **Dr. Wendy Hoskins**, University of Nevada,
5. **Dr. Judith Ann Erford**, Loyola University Maryland
6. **Dr. Kelly Duncan**, University of South Dakota
7. **Ms. Carly Ann Heard**, University of South Dakota
8. **Ms. Amber Brooke Groh**, University of South Dakota
9. **Dr. Dodie Limberg**, University of Central Florida

31. Code of ethics for research followed by the departments

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA 2011-12	37	12	5	12	04
MA 2012-13	34	13	05	09	02
MA 2013-14	28	05	12	04	09
MA 2014-15	26	02	08	-----	

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MA 2011-12	88.24	11.76	none	none
MA 2012-13	88.89	11.11	none	none
MA 2013-14	88.24	11.76	none	none
MA 2014-15	80	20	none	none

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Total-07,06-Gen,01-Sc

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	<b>12</b>
PG to Ph.D.	<b>07</b>
Ph.D. to Post-Doctoral	<b>01</b>
Employed	25%
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	<b>none</b>
from other universities within the State	66.66
from universities from other States	33.33
from universities outside the country	none

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period-none

38. Present details of departmental infrastructural facilities with regard to

- a) Library -
- b) Internet facilities for staff and students -yes
- c) Total number of class rooms-03
- d) Class rooms with ICT facility-01
- e) Students' laboratories -01
- f) Research laboratories -none

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university-none

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
42. Does the department obtain feedback from
  - mm. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
  - nn. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
  - oo. alumni and employers on the programmes offered and how does the department utilize the feedback?
43. List the distinguished alumni of the department (maximum 10)

	Name	Position	Organisation & Place
1.	Dr. Sachin Jain	Asst. Prof.	Oakland University U.S.A.
2.	Pratyush Kumar Srivastava	Training Officer	DIET, Basti U.P.
3.	Ajay Tiwari	Manager Operation	BASIX Jaipur
4.	Vikas Singh	H.R. Executive	Focus Energy Ltd.
5.	Anil Mishra	H.R. Executive	KEI Cables Mumbai
6.	Ritu Singh	H.R. Executive	H.C.L., New Delhi
7.	Prabhat Tiwari	Project Officer	AVARD, New Delhi
9.	Rashmi Gupta	Project Manager	S.S.S. Tonk, Rajasthan
10.	Mehnaz Zafri	Project Assistant	S.S.S. Tonk, Rajasthan

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. **Special lecture by Prof. CB Dwevedi BHU Varanasi, on “Qualitative research methods in psychoogy” on 18/02/2016.**
2. **Special lecture by Prof. PC Mishra on topic “Stress and Health” on 22/09/2015.**
3. **Special lecture by Prof. NS Tung on “Multiple regression analysis and discriminant functional analysis” on 11/09/2015.**
4. **Special lecture by Prof. CB Dwevedi BHU Varanasi, on “Indian Psychology” on 14/03/2015.**
5. **Special lecture by Dr. Anjali Gata, Noormanzil Psychiatric Centre, on “Training programs in Clinical Psychology” on 05/02/2015.**
6. **Special lecture by Dr. Avneesh Agrawal, Lucknow, on “Communication skills and personality development” on 06/02/2015.**
7. **International Workshop on Counselling Skills in Health Profession and Schools 23-26 October 2013**
8. **International Meet on Collaboration with American Universities and International Conference on Counselling and Community Psychology 17-19 December, 2011**

45. List the teaching methods adopted by the faculty for different programmes.  
**The department utilizes a combination of various teaching methods depending upon the nature of topics and intensity of insight required. Some of these are Expert Lectures, Case studies, Audio-visual presentations, Group discussion, Lab. experiments, Field visits, Role playing, Workshop by external experts.**
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
47. Highlight the participation of students and faculty in extension activities. Department students and teachers are frequently participating in activities like mental health awareness programme and AIDS awareness and counseling programs.
48. Give details of “beyond syllabus scholarly activities” of the department. -The department provides platform for students interactions with eminent personalities of diverse fields. It promotes group discussion, debates etc. on issues of contemporary relevance.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.  
**International Recognition of Department of Applied Psychology Programs by International Registry of Counselor Education Program (IRCEP) and Council for Accreditation of Counseling and Related Educational Programs (CACREP).**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Apart from researches in various areas of Applied Psychology the dept has gain special status in the field of research and action in Health Psychology.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.  
 Strengths-1. Committed students and faculties 2. Autonomy in curriculum design  
 Weaknesses- 1. Only one regular faculty 2. No supporting staff  
 3. Poor maintenance 4. Limited interface with industry people  
 Opportunities-1. Nature of the Course 2. Good placement 3. High obedience of students towards teachers  
 Challenges-1. To run course in remote area 2. Bureaucratic hurdles 3. Remote location
52. Future plans of the department.  
 1. Dept plans to establish Computerized biofeedback lab in the dept to conduct experiments in the area Stress and health.  
 2. Dept plans to undertake the projects in the area of Organizational behavior and HRM.  
 3. Dept plans to engage itself in extension activities like community mental health programmes, school counseling programmes, School testing programme, soft skills training program etc.

### DEPARTMENT OF MASS COMMUNICATION

1. Name of the Department Mass Communication
2. Year of establishment 1998
3. Is the Department part of a School/Faculty of the university? Yes
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) – M.A. Mass Communication
5. Interdisciplinary programmes and departments involved NA
6. Courses in collaboration with other universities, industries, foreign institutions, etc. N.A
7. Details of programmes discontinued, if any, with reasons –N.A
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System --Semester
9. Participation of the department in the courses offered by other departments -- N.A
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Asst. Professors	04	01	01
Others (Contract lecturer)		04	04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Manoj Mishra	MA Ph.D	Assistant Professor	Science Communication	10	
Dr. Digvijay Singh Rathor	MMC Ph.D	Assistant Professor contract	Electronic Media	8	
Dr. Awadh Bihari Singh	M.A, MJ. Ph.D	Assistant Professor contract	Print Media, Development Comm., Advertising	20	

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr Sunil Kumar	MJ Ph.D.	Assistant Professor contract	Print Media Teaching experience	16+4	
Dr Rushda Azmi	MA,Med,Ph.D	Assistant Professor contract	PR	4	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
13. Percentage of classes taken by temporary faculty – programme-wise information
14. Programme-wise Student Teacher Ratio-12:1
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

STAFF	SANCTIONED	FILLED
Photographer	01	01
Technical Assistant	01	01
Lab Assistant	01	01
Office Assistant	01	01

16. Research thrust areas as recognized by major funding agencies. N/A
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. N/A
18. Inter-institutional collaborative projects and associated grants received
  - q) National collaboration b) International collaboration. N/A
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Special paper on science communication funded by NCTC,DST Govt. Of India, annual project 3,50,00.since 2003 till 2012.**
20. Research facility / centre with
  - state recognition N/A
  - national recognition N/A
  - international recognition N/A
21. Special research laboratories sponsored by / created by industry or corporate bodies N/A
22. Publications:
  - \* Number of papers published in peer reviewed journals (national / international) 42
  - \* Monographs Nil
  - \* Chapters in Books Nil
  - \* Edited Books Nil
  - \* Books with ISBN with details of publishers
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Citation Index – range / average
  - \* SNIP
  - \* SJR
  
  - \* Impact Factor – range / average
  - \* h-index
23. Details of patents and income generated N/A
24. Areas of consultancy and income generated N/A
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad N/A
26. Faculty serving in
  - a) National committees b) International committees c) Editorial Boards d) any other (please specify) N/A
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs

and similar programs). N/A

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects. N/A
- percentage of students doing projects in collaboration with other universities / industry / institute. N/A

29. Awards / recognitions received at the national and international level by

3. Faculty – Dr. Manoj Mishra - **Science Communication For Agri -Innovation Award For Outstanding Contribution in the Field Of Mass-Communication in National Conference On Reinvigorating Agricultural Innovatios For Farmers Empowerment and Development (RAINFED-2015), organized by GKV Society,Agra,India, at University Auditorium,PJ TSAU,Hyderabad on 03<sup>rd</sup>-04<sup>th</sup>, May, ,2015**
  - Doctoral / post doctoral fellows N/A
  - Students N/A

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

4. Workshop on Video Programme Production 25-26 Nov 2011 funded by UGC.
5. Workshop on Radio Programme Production 30 Nov -1 Dec 2011 funded by UGC.

31. Code of ethics for research followed by the departments. N/A

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M A 2011-12	24		20-02		
M A 2012-13	40		18-09		
M A 2013-14	36		24-03		
M A 2014-15	33		20-01		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M A 2011-12	20	02		
M A 2012-13	24	02	01	
M A 2013-14	24	03	02	
M A 2014-15	21	00	00	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. N/A

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	01
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	28%
• Other than campus recruitment	
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	20 %
from other universities within the State	80%
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period. 01

38. Present details of departmental infrastructural facilities with regard to

- a) Library - no
- b) Internet facilities for staff and students - yes
- c) Total number of class rooms - 02
- d) Class rooms with ICT facility- 01

- e) Students' laboratories - 01  
f) Research laboratories - Nil
39. List of doctoral, post-doctoral students and Research Associates  
a) from the host institution/university. Nil  
b) from other institutions/universities. Nil
40. Number of post graduate students getting financial assistance from the university. N/A.
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
42. Does the department obtain feedback from  
pp. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
qq. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
rr. alumni and employers on the programmes offered and how does the department utilize the feedback?
43. List the distinguished alumni of the department (maximum 10).

1. Pooran Singh Rawat, Reporter ETV News Deharadun
2. Rashid Hashmi Head India News (UP)
3. Ashwani kumar Entertainment editor ZEE News Noida
4. Brijesh Singh, Senior Reporter Sahara Samay Lucknow
5. Meenakshi Singh, Asstt Creative Head, Crime Petrol Programme Mumbai.
6. Nitin Upadhyaya, Information Officer, Uttaranchal Government.
7. Deepak Mishra, Sr. Sub Editor Patrika News paper Indore MP.
8. Kubool Ahamad, Reporter Lok Swami News Magazine New Delhi.
9. Krishna Kumar Tiwari, Asstt Prof Amity University Noida
10. Hari Ram, Reporter DLA News Paper Noida

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- Seminar on Patrakarita K samaksh Chunautiya 16.03.2011 Speaker Dr PC Patanjali Delhi.
  - Guest Lecture delivered by Mr DK Verma Lucknow 29.04.2011.
  - Guest Lecture delivered by Mr Manoj Kumar Srivastava Delhi on 14-24.04.2011
  - Guest Lecture delivered by Mr H A Azmi Varanasi on 25-28.04.2011.
  - Guest Lecture delivered by Dr D Chopra Allahabad 07.05.2011.
  - UGC Workshop On Video Programme Production 25-26 Nov 2011  
Experts- Mr Anand Dubey India Tv Noida  
Mr Pranav Yadav India News Noida  
Mrs Ashima S Gureja Delhi.
  - UGC Workshop on Radio Programme Production 30 Nov -1 Dec 2011  
Experts- Mrs Anamika Srivastava Lucknow.  
Mr BB Sharma AIR Varanasi  
Mr MP Pathak AIR Lucknow.
  - Workshop on sanskritik aayojanon ke madyam, se vigyan sanchar. 25- 28 Feb 2012
  - Seminar on blog aur samajikta. 2 June 2012,
  - Discussion on samajik media ki upyogita evam durupayog. 21 August 2012
  - Seminar on hindi diwas. 14 Sep 2012
  - Seminar on media aam admi aur mudde. 12 Oct 2012
  - Seminar on Hindi patrakarita aur chunawtiyan. 13 Oct 2012
  - Seminar on nari asmita aur media. 13 Feb 2013
  - Seven days special lecture on Radio & TV programme production 28 november to 06 December 2013, delivered by Ex-Director, Doordarshan, Varanasi- N.K. Acharya.
  - Workshop on Television programme production by M, Rehman & Ponam Chaurasia from 06-09 December 2013.
  - Special Lecture on print media by Dr. Arunendra C. Tripathi, Lucknow on 5 May 2014.
  - Seven Days special lecture on Radio & Television programme production by B.B. Sharma Ex-Director, AIR & DD, Varanasi 18 to 26 November 2014.
  - Special Lecture on Problems and issues of print media by Prof. R.S. Joshi, New Delhi on 17 February 2015.

- One day lecture on NEWS writing and editing by Prof. R.M. Pathak, M.G. K.V.P. Varanasi, On 12 March 2015.
  - Special Lecture on Video Production by Ram Kinkar Singh special correspondent AAJ TAK on 04 September 2015.
  - One day sangosthi on “Media prabandhan avsar aur chunautian” on 3 September 2016.
  - Invited lecture on “TV ke karyakram aur vartman chunautian” by Santosh Mishra on 12.1.2016
45. List the teaching methods adopted by the faculty for different programmes.  
The department utilizes a combination of various teaching methods depending upon the nature of topics and intensity of insight required. Some of these are Expert Lectures, Case studies, Audio-visual presentations, Group discussion, Lab. experiments, Field visits, Role playing, Workshop by external experts from media channels and news papers, etc.
46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
47. Highlight the participation of students and faculty in extension activities.  
The students participated in various extension programmes. The students participated in a programme meant for providing assistance to under privileged group of society. By participating in a programme Bapu Bazar, the students collected used materials like clothes, utensils, toys etc. and organized a Bazar in the vicinity of poor people on a very lower cost. Participation of students in such programme created a sense of sincerity and altruism.  
Students visited different villages (Dhanapur and Suraila) to create awareness about Basic Scientific temper, Health (Food & Nutrition), Agriculture diversification, Infectious and bacterial diseases, Vaccination, First aid in accidents, Balanced Human diet etc. aimed at social empowerment of masses.
48. Give details of “beyond syllabus scholarly activities” of the department.  
The department provides platform for students interactions with eminent personalities of diverse fields. It promotes group discussion, debates etc. on issues of contemporary relevance. University blog Purabvani and facebook account is managed by Mass Communication department. Media coverage of the university activities is also managed by dept.
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
52. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Apart from researches in various areas of media the dept has gain special status in the field of research and action in science communication.
50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.  
Strengths-1. Committed students and faculties 2. Autonomy in curriculum design  
3. Easy access to areas required for folk media  
Weaknesses- 1.Shortage of regular faculty 2. Lack of Infrastructure (equipment and space) 3. Poor maintenance 4. Limited interface with industry people  
Opportunities-1. Nature of the Course 2. Good placement 3. High obedience of students towards teachers  
Challenges-1.To run course in remote area 2. Bureaucratic hurdles 3. Remote location
51. Future plans of the department.  
(a) UG -BJMC (Bachelor of Journalism and Mass Communication-three years ) The proposed course of BJMC is aimed at imparting the knowledge and information regarding Journalism and mass Communication. The Basic objective of the course is to produce skilled professionals for the exponentially expanding world of Print & Electronic Journalism, Advertising Industry, Production, Public Relations and Development Communication area, along with research in media. It is hoped that after the completion of the programme, the pass outs would be equipped enough to conceive, develop, design, edit and package different kinds of programmes for the print and the electronic media in such a way that they are able to get well-paid employment or self -employment in the media world.Proposal has been send to State Government for approval.  
(2) Department has send proposal to Ministry of Information and broadcasting ,New Delhi for the establishment of Community Radio Station in the University campus.