

# NAAC RE-ACCREDITATION

December 10, 2015



**VEER BHADUR SINGH PURVANCHAL UNIVERSITY**

**JAUNPUR-222003**

**UTTAR PRADESH**

## CONTENTS

| <b>Part</b>          | <b>Particular</b>                                       | <b>Page No.</b> |
|----------------------|---|-----------------|
| <b>A</b>             | <b>Cover letter from the Head of the Institution</b>    |                 |
|                      | <b>Previous NAAC Accreditation Certificate</b>          |                 |
|                      | <b>All India Survey on Higher Education Certificate</b> |                 |
| <b>B</b>             | <b>Executive Summary- The SWOC Analysis</b>             | <b>1-6</b>      |
| <b>C</b>             | <b>Profile of The Institution</b>                       | <b>7-16</b>     |
| <b>D</b>             | <b>Criteria-wise Analytical Report</b>                  |                 |
| <b>Criterion I</b>   | <b>Curricular Aspects</b>                               | <b>17-30</b>    |
| <b>Criterion II</b>  | <b>Teaching-Learning and Evaluation</b>                 | <b>31-74</b>    |
| <b>Criterion III</b> | <b>Research, Consultancy and Extension</b>              | <b>75-98</b>    |
| <b>Criterion IV</b>  | <b>Physical Facilities</b>                              | <b>99-117</b>   |
| <b>Criterion V</b>   | <b>Student Support and Progression</b>                  | <b>118-138</b>  |
| <b>Criterion VI</b>  | <b>Governance, Leadership and Management</b>            | <b>139-164</b>  |
| <b>Criterion VII</b> | <b>Innovation and Best Practices</b>                    | <b>165-181</b>  |
| <b>E</b>             | <b>Evaluative Report of the Departments</b>             | <b>182-298</b>  |

## **ANNEXURE**

| <b>Annexure</b> | <b>Description</b>  |
|-----------------|---|
| <b>A</b>        | <b>Certificates of recognition by National agencies</b>                 |
| <b>B</b>        | <b>Recommendation of regulatory authorities and action taken report</b> |
| <b>C</b>        | <b>Recommendations of previous NAAC team and action taken report</b>    |
| <b>D</b>        | <b>Self Finance Programme</b>   |
| <b>E</b>        | <b>Faculty participation details in workshop/conferences</b>            |
| <b>F</b>        | <b>Detail of equipments</b>   |
| <b>G</b>        | <b>Scholarship to UG/PG students</b>                                    |
| <b>H</b>        | <b>Ph.D. details</b>  |
| <b>I</b>        | <b>Student participation programme calendar</b>                         |

**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. Peesh 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  
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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.

1/2

...

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. Peeush Ranjan Agrawal**  
Vice-Chancellor

2/2





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*



*Uravad  
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).



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



## **B. 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 2nd October, 1987 under the UP State University Act 1973. It's an outcome of endeavor by Late. Veer Bahadur Singh, then Chief Minister of Uttar Pradesh, through Gazette number 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 559 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, respectively have been pivotal in moving the university in list of prominent centers of higher learning in the region.

The University initiated its activities in the office premises of one of its colleges in Jaunpur in the year 1987 with 559 colleges spread over 12 districts in the Purvanchal region. In 1994 it shifted to the 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 1998 M.Sc. programme in Biotechnology and PG Programme in Business Economics, Applied Psychology, Finance & Control, HRD and Mass Communication & Journalism. 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 added 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. There are 11 faculties imparting 27 courses in 559 affiliated colleges. The enrollment strength of students is 492740. The campus has a large administrative building, four academic blocks, one auditorium, one central library and separate buildings for NSS/ Rover Rangers. To promote sports activities and conduct state and national level sports, the campus has a well equipped open stadium and sports complex. It has six hostels for students, separate for girls and boys. Amenities such as two banks with ATM facility, post

office, health center and 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 modern 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 in still 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 is 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 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 stadium 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 “Healthy mind in healthy 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 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. Minor UGC grants are at the final stage of award to the interested teachers 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 coordinated the activities related to training of the students, 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, 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 halls to ensure unfair means free examination and unbiased and error-free evaluation.
- xix. Industry Institute Interface Cell 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, cater to diverse student groups through reservation policies, scholarship, 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 Departments and Affiliated Colleges.
- xxii. Some of the other best practices in the University include the examination reforms, sports facilities, book bank facility, 'Bapu Bazar' 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 500 Affiliated Colleges and five lakh students, adherence of rules, regulations, transparency and redressal mechanism.

#### **WEAKNESS**

- i. Lack of industries in the region is a bottleneck in imparting professional education and exposure to the students.
- ii. There are no swimming pool and some essential advance sport activities such as gymnastics, billiard etc.,
- 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 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 are under formulation.
- 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. Indoor stadium for sports is not complete that poses problem for students to practice the games.
- ii. The college is located on the outskirts of the city.
- iii. Location disadvantage is a major obstruction in forging productive partnerships with industry, research bodies and international collaborations with foreign Universities.
- iv. 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.
- v. To encourage research aptitude amongst students and develop an innovation prone thought process.
- vi. 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.
- vii. 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.
- viii. It has been a challenge to find quality faculty and sustaining some academic programmes.
- ix. Continuing to network and connect with five lakh students across 559 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.

## C. Profile of the University

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

|  |   |                             |
|--|---|-----------------------------|
| <b>Name:</b>   | Veer Bahadur Singh Purvanchal University, Jaunpur<br>Shaganj Road, Siddiquepur, Jaunpur |                             |
| <b>Address:</b>  |   |                             |
| <b>City:</b> Jaunpur   | <b>Pin:</b> 222003  | <b>State:</b> Uttar Pradesh |
| <b>Website:</b> <a href="http://www.vbspu.ac.in">www.vbspu.ac.in</a> |   |                             |

### 2. For communication:

| Designation                            | Name                        | Telephone with STD code            | Mobile                   | Fax          | E-mail   |
|--|-----------------------------|------------------------------------|--------------------------|--------------|--|
| Vice-Chancellor                        | Prof. Peeush Ranjan Agrawal | O: 05452-252222<br>R: 05452-252344 | 9838177777<br>9415218088 | 05452-252344 | <a href="mailto:vcpurvanchaluniversity@rediffmail.com">vcpurvanchaluniversity@rediffmail.com</a> |
| Pro Vice-Chancellor                    | Not Applicable              |                                    |                          |              |  |
| Registrar                              | Dr. B.K.Pandy               | O: 05452-252244<br>R: 05452-252299 | 9412784266               |              | <a href="mailto:connectpuregistrar@gmail.com">connectpuregistrar@gmail.com</a>                   |
| Steering Committee / IQAC Co-ordinator | Prof. B.B.Tiwari            | -                                  | 9161368540               | -            | <a href="mailto:bbtwari62@gmail.com">bbtwari62@gmail.com</a>                                     |

### 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

|   |     |
|---|-----|
| i. PG Centre  | No  |
| ii. Affiliated College                                    | No  |
| iii. Constituent College                                  | No  |
| iv. Autonomous College                                    | No  |
| v. Any other (please specify) Started as a new University | 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:**

|  | <b>Location *</b> | <b>Campus area in acres</b> | <b>Built up area in sq. mts.</b> |
|--|-------------------|-----------------------------|----------------------------------|
| <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

ii. Number of inmates- 876 total capacity and presently 494 students are residing

iii. Facilities- Internet facility 24x7 (internet ports in each room), 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, recreation room with TV and indoor sports facility like table tennis, carrom, chess, badminton etc. newspaper and magazines.

**\* Girls' hostel**

- i. Number of hostels- 02
- ii. Number of inmates- total capacity 275 and presently 203 students are residing
- iii. Facilities- Internet facility 24x7 (internet ports in each room), 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, carrom, chess, etc. newspaper and magazines.

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

- iv. Number of hostels-01 (No. of flats 32)
- v. Number of inmates- 30
- vi. Facilities- fully furnished two room set with kitchen

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

| Category           | Number of Quarters   |
|--------------------|--|
| Teaching Staff     | Type IV-20 (each flat150 sqm.)<br>Type III- 38 (each flat 95 sqm.)                             |
| Non-Teaching Staff | Type II-72<br>(each flat 72 sqm., 8 flats under construction)<br>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 ATM installed; Post office with speed post facility; Photocopy facility in each academic block.
- **Transport facilities to cater to the needs of the students and staff-** 01 bus, 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
- **Power house-** 01 substation with 1100 KV managed by UPSEB
- **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 |
|------------------------------|-------|
| Arts                         | 559   |
| Science and Commerce         | 543   |
| Law                          | 9     |
| Medicine                     | 2     |
| Engineering                  | 6     |
| Education                    | 106   |
| Management                   | 6     |
| Colleges with PG Departments | 103   |

**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 affiliated college for conferment is in progress)

**15. Furnish the following information:**

| Particulars   | Number        | Number of Students |
|---|---------------|--------------------|
| <b>a. University Departments</b>                            |               |                    |
| Undergraduate   | 07            | 1352               |
| Post graduate   | 11            | 583                |
| Research centers on the campus                              | -             | -                  |
| <b>b. Constituent colleges</b>                              | -             | -                  |
| <b>c. Affiliated colleges</b>                               | 559           | 492740             |
| <b>d. Colleges under 2(f)</b>                               | -             | -                  |
| <b>e. Colleges under 2(f) and 12B</b>                       | 63            | -                  |
| <b>f. NAAC accredited colleges</b>                          | 07            | -                  |
| <b>g. Colleges with Potential for Excellence (UGC)</b>      | -             | -                  |
| <b>h. Autonomous colleges</b>                               | 01 in process |                    |
| <b>i. Colleges with Postgraduate Departments</b>            | 103           |                    |
| <b>j. Colleges with Research Departments</b>                | 104           |                    |
| <b>k. 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  |
|-----------------------------------|---|
| <b>UG</b>                         | B.A., B.Sc., B. Sc. (Ag.), B. Com., B.B.A., B.C.A., B. Pharm., B. Tech., B. Ed., B. P. Ed., BDS   |
| <b>PG</b>                         | M.B.A./M.B.A. (Agri.), M.B.A. (e-Com.), 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.C.A., M. Sc. (Biotechnology, Microbiology, Biochemistry, Environmental Science), M. Com., M. Ed., M. Sc. (Ag.), M. A. (all courses) |
| <b>Integrated Masters</b>         | in progress   |
| <b>M.Phil.</b>                    | NIL   |
| <b>Ph.D..</b>                     | 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)   |
| <b>Integrated Ph.D..</b>          | NIL   |
| <b>Certificate</b>                | in progress   |
| <b>Diploma</b>                    | in progress   |
| <b>PG Diploma</b>                 | NIL   |
| <b>Any other (please specify)</b> | 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**

| Positions   | Teaching faculty |                     |                     | Non-teaching staff including technical staff |
|---|------------------|---------------------|---------------------|--|
|   | Professor        | Associate Professor | Assistant Professor |  |
| Sanctioned by the UGC / University / State Government | 12               | 23                  | 40                  | 380  |
| <i>Recruited (against sanctioned post)</i>            | 02               | 09                  | 14                  | 346  |
| <i>Yet to recruit (against sanctioned post)</i>       | 10               | 14                  | 26                  | 34   |
| Post created by Executive Council (EC)                | -                | -                   | 38                  | 76   |
| <i>Recruited (against post created by EC)</i>         | -                | -                   | 09                  | 76   |
| Number of persons working on contract basis           | -                | 02                  | 35                  | -  |
| Guest Faculty   | -                | -                   | 56                  | -  |

**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..                                    | 03        | -      | 09                  | 02     | 20                  | 01     | 35    |
| M.Phil.                                   | 01        | -      | 01                  | 01     | -                   | -      | 03    |
| PG  | 03        | -      | 09                  | 02     | 20                  | 01     | 35    |
| <b>Temporary teachers (Contractual)</b>   |           |        |                     |        |                     |        |       |
| Ph.D..                                    | -         | -      | 01                  | -      | 12                  | 02     | 15    |
| M.Phil.                                   | -         | -      | -                   | -      | -                   | -      | -     |
| PG  | 01        | -      | 01                  | -      | 29                  | 04     | 35    |
| <b>Part-time teachers (Guest Faculty)</b> |           |        |                     |        |                     |        |       |
| Ph.D..                                    | -         |        |                     |        |                     |        |       |
| M.Phil.                                   | -         |        |                     |        |                     |        |       |
| PG / UG (B.Tech)                          | 56        |        |                     |        |                     |        |       |

**26. Emeritus, Adjunct and Visiting Professors.**

|        | Emeritus | Adjunct | Visiting |
|--------|----------|---------|----------|
| Number | --       | --      | 109      |

**27. Chairs instituted by the university:**

|                     | Chairs |
|---------------------|--------|
| School / Department | -      |

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)**

| Department                     | Male | Female | Total |
|--------------------------------|------|--------|-------|
| Biotechnology                  | 10   | 9      | 19    |
| Microbiology                   | 10   | 10     | 20    |
| Env. Sc                        | 2    | 17     | 19    |
| Biochemistry                   | 12   | 8      | 20    |
| MBA (Business Administration)  | 44   | 8      | 52    |
| MBA (Agribusiness)             | 16   | 1      | 17    |
| MBA E-com                      | 5    | 0      | 5     |
| MBA (Human Resource)           | 13   | 11     | 24    |
| MHRD                           | 0    | 0      | 0     |
| MBA (Business Economics)       | 10   | 4      | 14    |
| MBA (Financial studies)        | 16   | 8      | 24    |
| Mass Communication             | 9    | 3      | 12    |
| Applied Psychology             | 2    | 3      | 5     |
| Pharmacy                       | 40   | 17     | 57    |
| Computer Application           | 21   | 4      | 25    |
| Electrical Engg                | 51   | 4      | 55    |
| Mechanical Engg                | 58   | 1      | 59    |
| Computer Science & Engg        | 41   | 8      | 49    |
| Electronics & Comm. Engg.      | 41   | 4      | 45    |
| Electronics & Instrument. Engg | 16   | 1      | 17    |
| Information Technology         | 22   | 3      | 25    |

29. 'Unit cost' of education

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

(a) including the salary component = Rs. 81,385.00

(b) excluding the salary component = Rs. 23,283.00

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 – 09 Nos.

Diploma-04 Nos.

Certificate-06 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? (Being compiled)**

**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                      (i) .....NIL..... (dd/mm/yyyy)  
                                    (ii) .....NIL..... (dd/mm/yyyy)  
                                    (iii) .....NIL..... (dd/mm/yyyy)  
                                    (iv) .....NIL..... (dd/mm/yyyy)

## **D: 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.         | Yes    |
| Agri Business Management            | M.B.A.         | Yes    |
| 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. Pharm., B. Tech., B. Ed., B. P. Ed., BDS, B. Sc. Nursing Science, BAMS, BUMS
- ✓ PG Courses: M.B.A./M.B.A. (Agri.), M.B.A. (e-Com.), M.B.A. (H.R.D.), M.B.A. (Financial Studies), M.H.R.D., M.B.A. (Business Economics), Mass Communication, Applied Psychology, M.C.A., M. Sc. (Biotechnology, Microbiology, Biochemistry, Environmental Science), M. Com., M. Ed., M. Sc. (Ag.), MDS, M. A. (all courses)



### **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. is being structured.

### **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<br>50,000     | As per eligibility criteria of regular faculty/ UGC scale<br>Rs. 30,000/- fixed/ month for (Contractual) Asst. Professor<br>Rs. 42,000/- fixed/ month for (Contractual) Associate Professor<br>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<br>60,000     |  |
| 14   | Master in Human Resource Development          | PUCAT<br>30,000     |  |
| 15   | Bachelor of Pharmacy                          | UPSEE<br>60,000     |  |
| 16   | B.Tech in Mechanical Engineering              | UPSEE<br>60,000     |  |
| 17   | B.Tech in Information Technology              |                     |  |
| 18   | B.Tech in Electrical Engineering              |                     |  |
| 19   | B.Tech in Electronics & Communication Engg    |                     |  |
| 20   | B.Tech in Electronics & Instrumentation Engg. |                     |  |
| 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 departments are offered on conventional face-to-face mode. The University has a center of IGNOU in Degree Course – 09 Nos., Diploma course-04 Nos., and Certificate course- 06 Nos. which are offered through distance mode of education to the students. The operation of the center is as per the guidelines of IGNOU.

**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 Managerial 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. Advertisement and call for applications by the University
- b. Submission of filled application form along with draft of application fee
- c. 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.
- d. Question paper setting and answer key preparation for entrance in some of the courses.
- e. Conducting of entrance exam (objective type).
- f. Correction of answer sheets, preparation of merit , declaration of complete result with scores on web-site, along with the merit list.
- g. Admitting students by counseling.

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

| <b>Faculty of Sciences</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.<br><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 Science</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<br><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 559 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 function 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 movement of girls for city.
- **Persons with varied disabilities:** Reservation in the department as per Government regulations are followed. Ramp 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:** Sport 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 a 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       |

### 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 -15 | 1   | Bharat Bhusan Tiwari | Sant Lakhan 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 Lakhan 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, Allhabad       | Crosscountry           | 6 <sup>th</sup> position |

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

| Sessio<br>n | SN | Event              | Competition   | Position                 |
|-------------|----|--------------------|---|--------------------------|
| 2011-<br>12 | 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<br>All India inter University competition participation | 1 <sup>st</sup> position |
|             | 4  | Badminton- Male    | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|             | 5  | Badminton- Female  | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|             | 6  | Volleyball- Male   | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|             | 7  | Hockey- Male       | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|             | 8  | Basketball- Male   | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|             | 9  | Cricket- Male      | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|             | 10 | Basketball- Female | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |

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

| Sessio<br>n | SN | Event              | Competition                                 | Position                 |
|-------------|----|--------------------|---|--------------------------|
| 2013-<br>14 | 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 |

| Session | SN | Event                    | Competition   | Position                 |
|---------|----|--------------------------|---|--------------------------|
| 2014-15 | 1  | Cricket- Male            | All India inter University competition participation  | 1 <sup>st</sup> position |
|         | 2  | Cricket- Female          | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|         | 3  | Hockey- Female           | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|         | 4  | Volleyball- Female       | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|         | 5  | Handball- male           | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|         | 6  | Hockey- Male             | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|         | 7  | Volleyball- Male         | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|         | 8  | Lawn Tennis-Female       | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|         | 9  | Badminton- Male & Female | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|         | 10 | Kho-kho- Male            | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |
|         | 11 | Kho-kho- Female          | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |
|         | 12 | Handball- Female         | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |
|         | 13 | Basketball- male         | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |

- 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

- 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                               | 2011-12    |            | 2012-13    |            | 2013-14    |            | 2014-15    |            |
|--|------------|------------|------------|------------|------------|------------|------------|------------|
|  | Male       | Female     | Male       | Female     | Male       | Female     | Male       | Female     |
| <b>Biotechnology</b>                     | 7          | 9          | 10         | 5          | 12         | 8          | 12         | 5          |
| <b>Microbiology</b>                      | 12         | 8          | 7          | 13         | 5          | 15         | 11         | 9          |
| <b>Biochemistry</b>                      | 11         | 6          | 14         | 3          | 10         | 7          | 9          | 10         |
| <b>Environmental Science</b>             | 2          | 9          | 9          | 10         | 8          | 12         | 9          | 11         |
| <b>Business Administration</b>           | 49         | 9          | 78         | 8          | 62         | 11         | 63         | 7          |
| <b>HRD</b>                               | 8          | 8          | 17         | 10         | 12         | 11         | 15         | 14         |
| <b>Business Economics</b>                | 15         | 1          | 13         | 1          | 14         | 1          | 21         | 1          |
| <b>Financial Studies</b>                 | 17         | 5          | 22         | 7          | 13         | 4          | 28         | 4          |
| <b>Mass Communication</b>                | 20         | 2          | 18         | 9          | 24         | 3          | 20         | 1          |
| <b>Applied Psychology</b>                | 12         | 5          | 13         | 5          | 10         | 7          | 2          | 8          |
| <b>Computer Applications</b>             | 26         | 4          | 31         | 6          | 32         | 1          | 21         | 4          |
| <b>Pharmacy</b>                          | 24         | 8          | 47         | 12         | 36         | 14         | 32         | 19         |
| <b>Electrical Engineering</b>            | 52         | 8          | 47         | 7          | 45         | 14         | 49         | 11         |
| <b>Mechanical Engineering</b>            | 56         | 1          | 47         | 13         | 56         | 4          | 52         | 8          |
| <b>Computer Science Engineering</b>      | 37         | 11         | 32         | 14         | 41         | 9          | 44         | 11         |
| <b>Electronics &amp; Communication</b>   | 47         | 10         | 36         | 11         | 49         | 6          | 54         | 6          |
| <b>Electronics &amp; Instrumentation</b> | 43         | 5          | 34         | 6          | 25         | 8          | 25         | 6          |
| <b>Information Technology</b>            | 4          | 1          | 29         | 9          | 16         | 15         | 13         | 5          |
| <b>TOTAL</b>                             | <b>442</b> | <b>110</b> | <b>504</b> | <b>149</b> | <b>470</b> | <b>150</b> | <b>480</b> | <b>140</b> |

**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 2015-16.

| Programme                                       | No. of Applications | No. of Students admitted | Total Seats |
|---|---------------------|--------------------------|-------------|
| <b>Faculty of Science</b>                       |                     |                          |             |
| Biotechnology                                   | 84                  | 20                       | 20          |
| Biochemistry                                    | 34                  | 20                       | 20          |
| Microbiology                                    | 97                  | 20                       | 20          |
| Environmental Sciences                          | 11                  | 20                       | 20          |
| <b>Faculty of Management Studies*</b>           |                     |                          |             |
| Business Economics                              | 10                  | 14                       | 60          |
| Finance & Control                               | 20                  | 24                       | 60          |
| Human Resource Development & MHRD               | 20 & 04             | 24 & 0                   | 60 & 30     |
| Business Administration                         | 160                 | 49                       | 60          |
| e-Commerce                                      | 01                  | 02                       | 60          |
| Agri Business Management                        | 10                  | 17                       |             |
| <b>Faculty of Applied Social Sciences</b>       |                     |                          |             |
| Applied Psychology                              | 15                  | 05                       | 30          |
| Mass Communication                              | 23                  | 12                       | 30          |
| <b>Faculty of Engineering &amp; Technology*</b> |                     |                          |             |
| Computer Application                            | 19                  | 22                       | 60          |
| Mechanical Engineering                          | -                   | 59                       | 60          |
| Information Technology                          | -                   | 25                       | 60          |
| Electrical Engineering                          | -                   | 55                       | 60          |
| Electronics & Communication Engg.               | -                   | 45                       | 60          |
| Electronics & Instrumentation Engg.             | -                   | 17                       | 60          |
| Computer Science & Engineering                  | -                   | 49                       | 60          |
| <b>Faculty of Medicine*</b>                     |                     |                          |             |
| Pharmacy  | -                   | 57                       | 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:

| 10.5 | Course                 | Paper/Subject                                   | Time        |
|------|------------------------|---|-------------|
| 1    | B.Tech                 | Mathematics-II                                  | 05:00-07:00 |
| 2    | B.Tech                 | Power System Analysis                           | 05:00-07:00 |
| 3    | B.Pharm                | Physical Chemistry                              | 05:00-07:00 |
| 4    | B.Tech                 | Basic Electrical Engg.                          | 07:00-09:00 |
| 5    | M.Sc.<br>(Env.Science) | Water Pollution                                 | 07:00-09:00 |
| 6    | B.Tech.                | Computer Concept Programming                    | 05:00-07:00 |
| 7    | M.B.A.                 | Accountings & Finance Analysis                  | 05:00-07:00 |
| 8    | B.Tech                 | Mathematics-III                                 | 05:00-07:00 |
| 9    | B.Tech.                | Electromechanical Energy Conversion-I           | 05:00-07:00 |
| 10   | B.Tech.                | Mobile Computing                                | 05:00-07:00 |
| 11   | B.Tech.                | Integrated Circuit Technology<br>(Assignment)   | 05:00-07:00 |
| 12   | B.Tech                 | Wireless & Mobile Communication<br>(Assignment) | 05:00-07:00 |
| 13   | B.Tech.                | Basic System Analysis                           | 05:00-07:00 |
| 14   | B.Tech                 | Nano Science                                    | 05:00-07:00 |
| 15   | B.Tech.                | Cryptography Network Security                   | 05:00-07:00 |
| 16   | B.Tech.                | Electronics & Switching theory<br>(Assignment)  | 05:00-07:00 |
| 17   | B.Tech.                | Non- Conventional Energy<br>Resoureces(Assig.)  | 07:-9:00    |
| 18   | B.Tech.                | Artificial Intelligence                         | 07:-9:00    |
| 19   | M.Sc.<br>(Env.Science) | Soil Pollution Mnagement                        | 07:00-09:00 |
| 20   | B.Tech                 | High Voltage Engineering                        | 05:00-07:00 |
| 21   | B.Tech.                | Introduction to Biotechnology                   | 05:00-07:00 |
| 22   | B.Tech                 | Microprocessor                                  | 05:00-07:00 |
| 23   | B.Tech                 | CCP Lab   | 10:00-12:30 |
| 24   | B.Tech                 | Data Structure                                  | 05:00-07:00 |
| 25   | B.Tech.                | Applied Thermodynamics                          | 05:00-07:00 |
| 26   | B.Tech.                | Human Values & Professional Ethics              | 05:00-07:00 |
| 27   | B.Tech.                | Physics-II                                      | 7:00-09:00  |

| <b>Sl</b> | <b>Course</b>           | <b>Paper/Subject</b>   | <b>Time</b> |
|-----------|-------------------------|--|-------------|
| 28        | B.Tech                  | Mathematics-I  | 05:00-07:00 |
| 29        | B.Tech.                 | Fundamental of Information Technology                          | 07:00-09:00 |
| 30        | B.Tech.                 | Information Theory & Coding                                    | 05:00-07:00 |
| 31        | B.Tech.                 | Fundamental of computer communication System(Assig.)           | 05:00-07:00 |
| 32        | B.Tech.                 | Managerial Economics   | 07:00-09:00 |
| 33        | B.Tech.                 | Engg. Chemistry  | 05:00-07:00 |
| 34        | M.Sc.<br>(Microbiology) | Immunology   | 05:00-07:00 |
| 35        | B.Tech.                 | Industrial Sociology(Assig.)                                   | 05:00-07:00 |
| 36        | B.Tech.                 | Power Converter Applications                                   | 05:00-07:00 |
| 37        | B.Tech                  | Manufacturing Process  | 05:00-07:00 |
| 38        | B.Tech.                 | Discrete Mathematical Structures (Assig.)                      | 05:00-07:00 |
| 39        | B.Tech                  | Professional Communication (Class+Assig.)                      | 05:00-07:00 |
| 40        | B.Tech.                 | Electronics Instrumentation & Measurement (Class & assignment) | 05:00-07:00 |
| 41        | B.Tech.                 | Engg. Mechanics  | 05:00-07:00 |
| 42        | B.Tech                  | Remedial English (Class+Assig.)                                | 07:00-09:00 |
| 43        | B.Tech.                 | Electronics Engg.  | 05:00-07:00 |
| 44        | B.Tech                  | Optical communication  | 07:00-09:00 |
| 45        | B.Tech                  | Power Electronics  | 07:00-09:00 |
| 46        | B.Tech                  | Thermodynamics   | 05:00-07:00 |
| 47        | B.Phram.                | Organic Chemistry  | 05:00-07:00 |
| 48        | B.Tech                  | Control System   | 05:00-07:00 |
| 49        | B.Tech.                 | Electronic Circuit System                                      | 05:00-07:00 |
| 50        | B.Tech.                 | Communication Theory   | 05:00-07:00 |
| 51        | B.Tech.                 | Communication System   | 05:00-07:00 |
| 52        | B.Tech                  | Solid State Devices  | 07:00-09:00 |
| 53        | B.Tech.                 | Fundamental of Electronic Devices                              | 07:00-09:00 |
| 54        | B.Tech.                 | Digital Signal Processing                                      | 05:00-07:00 |
| 55        | B.Tech.                 | Analog & Digital Electronics                                   | 07:00-09:00 |
| 56        | B.Tech.                 | Advanced microprocessor  | 07:00-09:00 |
| 57        | B.Tech                  | Operations Research  | 07:00-09:00 |
| 58        | B.Tech.                 | Electrical Machine-I   | 05:00-07:00 |
| 59        | B.Tech.                 | Signal & Systems   | 05:00-07:00 |
| 60        | B.Tech.                 | Digital Electronics  | 05:00-07:00 |
| <b>Sl</b> | <b>Course</b>           | <b>Paper/Subject</b>   | <b>Time</b> |
| 61        | B.Tech                  | Physics-I  | 05:00-07:00 |
| 62        | B.Tech                  | Communication System   | 05:00-07:00 |
| 63        | B.Tech                  | Microwave and measurements                                     | 05:00-07:00 |
| 64        | B.Tech.                 | Distributed System   | 05:00-07:00 |
| 65        | B.Tech                  | Object Oriented System(Assig.)                                 | 07:00-09:00 |
| 66        | B.Tech                  | Digital Communication.   | 05:00-07:00 |
| 67        | B.Tech                  | Principles of Communication                                    | 07:00-09:00 |
| 68        | B.Tech                  | Telimeetry Principles (Class+Assignment)                       | 05:00-07:00 |
| 69        | B.Tech.                 | Communication Engg.  | 05:00-07:00 |
| 70        | B.Tech.                 | Antenna & Wave Propagation                                     | 05:00-07:00 |
| 71        | B.Tech.                 | Microprocessor Lab   | 10.30-1.00  |
| 72        | B.Tech.                 | Electromagnetic Field Theory (Assignment)                      | 07:00-09:00 |
| 73        | B.Tech.                 | Engg. Drawing LAB  | 10.30-1.00  |
| 74        | B.Tech.                 | Fundamental of Network Analysis and Synthesis                  | 05:00-07:00 |

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 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 is learning 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**

**Faculty of Engineering & Technology:**

**Department of Electronics and Communication Engineering**

- |   |  |
|---|--|
| 1. Dr.B.S.Srivastava,CDRI, Lucknow                                      | 12. Prof.I.C.Agarwal,MNNIT,<br>Allahabad                                 |
| 2. Prof.B.S.Rajput, former Vice<br>Chancellor HNB Garhwal<br>University | 13. Prof.P.Chakrawarti, MNNIT,<br>Allahabad                              |
| 3. Mr.Venkant, ISRO, Lucknow  | 14. Prof.Prithivish Nag, Vice<br>Chancellor Kashi Vidyapeeth<br>Varanasi |
| 4. Prof.R.Y.Denis, DDU,Gorakhpur  | 15. Prof.Shekhar Verma, IIIT<br>,Allahabad                               |
| 5. Prof.Jaswant Singh, Dr. RML<br>Avadh University, Faizabad            | 16. Prof.G.N.Pandey,Vice<br>Chancellor,Arunachal Pradesh<br>University   |
| 6. Prof.Rajiv Tripathi,<br>MNNIT,Allahabad                              | 17. Dr. Arvind Mishra,Directorate of<br>Fisheries, Govt. of UP           |
| 7. Prof.Shyam Lal Singh,Grukul<br>Kangri University,Hardwar             | 18. Dr.A.N. Singh,NIT Silchar  |
| 8. Prof.K.P.Singh , IT BHU Varanasi                                     | 19. Mr.Yatish Katheria, Dept.of<br>Telecommunication, Lucknow            |
| 9. Prof.K.Shri Nivas Rao,Ramanujan<br>Society,Chenni                    | 20. Prof. P.K. Mishra, MNNIT,<br>Allhabad                                |
| 10. Mr.Gaurish Kumar Tripathi,<br>DRDO,Lucknow                          |  |
| 11. Dr.Arun Kumar, MNNIT,<br>Allahabad                                  |  |

**Department of Mathematics**

- |  |   |
|--|---|
| 1. Prof.S.N.Pandey, MMM<br>Engineering College Gorakhpur | 4. Dr. S. N.<br>Pandey,MNNIT,Allahabad                |
| 2. Prof.T.Som, IIT, BHU                                  | 5. Dr.S.U.Siddique,HBTI,Kanpur                        |
| 3. Prof.H.S.Shukla, DDU,Gorakhpur                        | 6. Prof.G.C. Sharma, B.R.Ambedkar<br>University, Agra |

7. Dr. Sushil Kumar, SVNIT, Surat
8. Dr. M.K. Singh, BHU, Varanasi

### **Department of Chemistry**

1. Prof. Baliram, Professor and Head, Department of Chemistry, BHU, Varanasi.
2. Prof. N.D. Pandey, Professor in the Department of Chemistry, MNIIT, Allahabad

### **Department of computer Science & Engg & Information Technology**

1. Prof. Satya Singh , Deptt. Of  
Computer Application, MGK  
Vidyapeeth University, Varanasi
2. Dr. P.K. Mishra, Deptt. Of CSE,  
IIT BHU, Varanasi
3. Dr. Sarvesh Kumar, Indian  
Institute of Space Science and  
Technology, Trivendram

4. Dr. S.K. Singh, Deptt. Of CSE, IIT  
BHU, Varanasi

5. Dr. Navneet Kumar Singh, MNIIT  
Allahabad

### **Department of Physics.**

1. Prof. Ram Gopal, Professor,  
Department of Physics, University  
of Allahabad, Allahabad
2. Prof. Raghav Varma, Professor ,  
Department of Physics, I.I.T.  
Mumbai

### **Faculty of Science:**

#### **Department of Microbiology**

1. Prof.Gopal Nath,  
Deptt.ofMicrobiology, IMS, BHU
2. Dr.UD Gupta, DeputyDirector,  
JALMAInstitute, Agra
4. Prof. H. Kumar, RAU, Samastipur,  
PUSA, Bihar
6. Prof. (Mrs.) KShah, IESD, BHU,
3. Dr. Rajeev Gaur, Head, Deptt.  
OfMicrobiology, RML Avadh  
University, Faizabad
5. Dr. O.P. Tiwari, Principal,  
Pharmacy College, Varanasi

#### **Department of Biotechnology**

1. Dr.Vijay Kumar Singh, Justus-  
Liebig.University  
Giessen,Germany
2. Mr.Rahul Mishra ,Section-  
Genoique
- Fonctionnelle,Department de  
Biologie,Ecole normale  
superieure,Peris

3. Dr.Gyaneshwer Chaubey,Senior Scientist,Estonia  
Biocentre,Tartu,Estonia
4. Dr. Prashant Kumar Singh ,Department of Pharmacology & Therapeutics,Roswell Park Cancer Institute , Elm and Carlton Streets , Buffalo
5. Prof.Narsingh Bahadur Singh , Department of Chemistry & Biochemistry,University of Maryland,Baltimore,USA
6. Prof. Saroj K. Mishra,University of Houston Clear Lake, Houston, Texas
7. Prof. Jagat Kumar Roy, BHU,Varanasi
8. Dr. Debpratim Kar Chowdhary, Indian Institute of Toxicological Research,Lucknow
9. Dr. Anand K Tiwari,Indian Institute of Advanced Research Koba,Gandhinagar,Gujrat
10. Mr Anuj Kumar Maurya ,Executive Quality Assurance ,Zeidus Cadila Health Care Limited,Vadodara , Gujarat
11. Dr.Kirti Singh ,Ex-VC,NDUAT,Kuamrganj,Faizabad & HPAU, Palampur
12. Prof. Rajeev Raman,BHU,Varanasi
13. Prof.D.P.Singh , BBA University, Lukhnow
14. Dr.U.D.Gupta,JALMA , Agra
15. Prof.Nand Lal, CSJM University, Kanpur
16. Prof. VK Singh,. (Retd), Deptt. Of Biotec, VBS PU Jaunpur

### **Faculty of Management Studies:**

#### **Department of Financial Studies**

1. Prof.G.C. Jaiswal, Vice-chancellor, Dr. RML Avadh University,Faizabad
2. Prof. Vanita Tripathi, Delhi School of Economics
3. Prof.Somesh Shukla, University of Lucknow
4. Prof. H.K. Singh, Banaras Hindu University
5. Prof.K.M.Badani,IIM Kashipur
6. Dr. Rakesh Sahni, Delhi University
7. Dr.Shashi Srivastava, Banaras Hindu University

#### **Department of Human Resource Development**

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
14. Prof. Raj Kumar, FMS, BHU, Varanasi
15. Prof. K.K. Agrawal, Dean, Management, MG Kashi Vidyapeeth, Varanasi

**Faculty of Applied Social Science:**

**Department of Applied Psychology**

1. Dr. Carol Bobby, President, The Council for Accreditation of Counseling and Related Educational Programs (CACREP)& INAAHE, USA
2. Dr. Charles "Rick Gressard, Chairperson, International Registry of Counsellor Education Program (IRCEP),USA
3. Dr. Sachin Jain : Chair-American Counselling Association- international Program
4. Dr. Sylvia Lindinger-Sternart The University of Toledo,USA
5. Cirecie West Olatunji, Ph.D., President, American Counseling Association
6. Jeannine R. Studer,Professor, The University of Tennessee
7. Dr. John Yasenachak, Husson University.
8. Dr. Steve Bieber, Department Chair, Statistics, University of Wyoming.

9. Pam McMahon, Ph.D., NCC, CHT., Behavioral Health-Tucson
10. Dr. Anneliese Singh, Ph.D., The University of Georgia.
11. Dr. Sachin Jain : Chair- American Counselling Association- international Program
12. Dr. Bradley Erford, President-elect, American Counseling Association.
13. Dr. Steven Farmer, University of North Texas,
14. Dr. Wendy Hoskins, University of Nevada,
15. Dr. Judith Ann Erford, Loyola University Maryland
16. Dr. Kelly Duncan, University of South Dakota
17. Ms. Carly Ann Heard, University of South Dakota
18. Ms. Amber Brooke Groh, University of South Dakota
19. Dr. Dodie Limberg, University of Central Florida

#### **Department of Mass Communication**

1. Pooran Singh Rawat, Reporter TV 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, ReporterLok Swami News MagazineNew Delhi.
9. Krishna Kumar Tiwari ,Asstt Prof Amity University Noida
10. HariRam,Reporter
11. DLA News Paper Noida

#### **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) is in process of establishment and Video Conferencing facility in the Central Library is in process for effective learning.
- 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

facilities 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.
- 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.

- 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 advise 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
- 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.

### **2.3.13 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 on wards. 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

The required details are given in the following table:

| Highest qualification                     | Professor |        | Associate Professor |        | Assistant Professor |        | Total |
|---|-----------|--------|---------------------|--------|---------------------|--------|-------|
|   | Male      | Female | Male                | Female | Male                | Female |       |
| <b>Permanent teachers</b>                 |           |        |                     |        |                     |        |       |
| D.Sc./D.Litt.                             | -         | -      | -                   | -      | -                   | -      | -     |
| Ph.D..                                    | 03        | -      | 09                  | 02     | 20                  | 01     | 35    |
| M.Phil.                                   | 01        | -      | 01                  | 01     | -                   | -      | 03    |
| PG  | 03        | -      | 09                  | 02     | 20                  | 01     | 35    |
| <b>Temporary teachers (Contractual)</b>   |           |        |                     |        |                     |        |       |
| Ph.D..                                    | -         | -      | 01                  | -      | 12                  | 02     | 15    |
| M.Phil.                                   | -         | -      | -                   | -      | -                   | -      | -     |
| PG  | 01        | -      | 01                  | -      | 29                  | 04     | 35    |
| <b>Part-time teachers (Guest Faculty)</b> |           |        |                     |        |                     |        |       |
| <b>Ph.D..</b>                             | -         |        |                     |        |                     |        |       |
| <b>M.Phil.</b>                            | -         |        |                     |        |                     |        |       |
| <b>PG / UG (B.Tech)</b>                   | 56        |        |                     |        |                     |        |       |

**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 November' 2015:

|    |  |    |
|----|--|----|
| 1. | Total number of sanctioned posts                                 | 75 |
| 2. | Total number of filled up posts on regular basis                 | 35 |
| 3. | Total number of filled up posts on contract/guest faculty basis: | 91 |
| 4. | Total number of vacant posts (regular):                          | 40 |

**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.

- 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 559 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: 36
- d. Organized national/international conferences, Workshops etc.: 28

#### **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

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 (DPSR), 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 (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 for outstanding presentation, in International Confrence 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                              | 13                    |
| HRD Programmes                                 | -                     |
| Orientation Programmes                         | 09                    |
| Staff Training conducted by the University     | -                     |
| Staff Training conducted by other institutions | -                     |
| Summer/Winter Schools, Workshops               | 37                    |

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

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

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.

##### **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. 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 formalities have been introduced. Five lakh students submitted their 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 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://vbpuonline.in/index.html>'. Mark sheets are generated in e-form 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 by 30<sup>th</sup> June and semester courses results are declared by 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 ten 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. All the results of affiliating colleges are posted on University website within two months of completion of annual examination, by 30<sup>th</sup> June.

#### **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 and 32 lakh answer books are evaluated. Supervision of central evaluation with the help of CCTV Cameras adds to maintain transparency and sanctity in the process.

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 32 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, 32 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 not 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.

**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.
- 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.
- 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.
- 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 departments in the University organized various workshops/ training programmes/ sensitization programmes / conferences to promote research culture in the campus. The events organized in last four years (2011-2014) are as follows:

- Organized two days National Conference on “Frontiers in Biological Sciences” December 4-5, 2011
- “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)
- Sensitization/ awareness workshop on intellectual property rights and patents, sponsored by DST, UP, March, 2004
- Workshop on Green Economy by Prof S P Singh, VC
- Workshop on Financial Inclusion and Challenges by Prof Arvind Kumar, Lucknow University
- Recent Trend in Pharmaceutical Sciences” held on 8<sup>th</sup> & 9<sup>th</sup> April, 2015
- National Seminar on Emerging Trends in Applied Psychology, 11th & 12th February, 2014(UGC)
- International Workshop on Counselling Skills in Health Profession and Schools 23-26 October, 2013(UGC)
- International Meet on Collaboration with American Universities and International Conference on Counselling and Community Psychology 17-19 December, 2011(UGC)
- Workshop on “Video Programme Production” on 25-26 November, 2011 (UGC)
- Workshop on “Radio Programme Production” on 30 Nov -1 December, 2011 (UGC)
- “Author Workshop” on 31 October, 2015 (Springer)
- Workshop on “Writing Research Paper” on 30<sup>th</sup> November, 2015 (Sage)
- One week workshop on “ Numerical Computation using MATLAB” from 26 to 30, November, 2015

**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 professors and takes care of their local hospitality expenses and travelling expenses. The University welcomes every outstanding researcher for delivering talks at various occasions and platforms. These deliberations play a major role in promoting research atmosphere in the campus.

**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<br/>( Rs. in thousands)</b> | <b>2015-16<br/>(Rs. in thousands)</b> |
|--------------------------|--|---------------------------------------|
| Laboratories             | 32500                                  | 3500                                  |
| Computer & Equipments    | 16050                                  | 23000                                 |
| Library                  | 20000                                  | 25000                                 |
| Seminar/Conferences      | 600                                    | 600                                   |
| Total                    | 69190                                  | 83600                                 |
| Total Budget             | 967464                                 | 1064270                               |
| <b>% of total budget</b> | <b>6.49%</b>                           | <b>7.14%</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. 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?**

Twelve percent of the faculty have availed the facility of sabbatical leave for pursuit of higher research in premier institutions within the country. The output of these scholars is monitored in terms of research papers published.

**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.**

| <b>Department</b> | <b>Events</b>  |
|-------------------|--|
| 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.</li></ol> |

|  |  |
|--|--|
|  | Organized with the Department of Business Administration, VBS Purvanchal University, Jaunpur.  |
| 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 Opportunities for Management Students by Prof KK Agrawal, MGKVP, Varanasi</li> </ol>   |
| Pharmacy                                     | 1. Recent Trend in Pharmaceutical Sciences” held on 8 <sup>th</sup> & 9 <sup>th</sup> April 2015   |
| 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 Communication                           | <ol style="list-style-type: none"> <li>1. Workshop on Video Programme Production 25-26 Nov 2011 (UGC).</li> <li>2. Workshop on Radio Programme Production 30 Nov -1 Dec 2011 (UGC).</li> </ol>   |
| Math   | 1. National Science Day on Feb 28th 2014   |

Please refer to section 2.3.5 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:**

| S. No | Project Title   | Funding Agency | Durati on | 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)<br>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).

| 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 mushroom growth promoting bacteria for development of bioinoculants. (PI: R. Naraian)  | DST                  | 2012-2015 | 12.00                 |
| 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>        |

#### b. 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                  | Lab  |
|--------------------------|--|
| Management               | Computer Lab (02)  |
| Science                  | Bio-informatics Lab<br>Molecular Human Genetics Lab<br>Molecular Biology Lab<br>Mushroom Technology Lab<br>Bioprocess Technology Lab<br>Animal/Plant Tissue Culture Lab<br>MSc. Lab (04)   |
| Engineering & Technology | Engineering Physics Lab<br>Engineering Chemistry Lab<br>Professional Communication Lab<br>Mechanical Workshop Engineering Drawing Machine Lab<br>Basic Electrical Engineering Lab<br>Computer Concept and Programming Lab<br>Network Analysis and Synthesis Lab<br>Numerical Techniques Lab<br>Electrical Machine Lab<br>Power Electronics<br>Power System<br>Electric Drive Lab<br>Control System Lab<br>Workshop Technology Lab<br>CAD/CAM Lab<br>Heat and Mass Transfer Lab<br>Fuel Mechanics Lab<br>Refrigeration Lab<br>Micro Controller Lab<br>Optical communication Lab<br>Microwave Lab<br>Electronic Circuit Lab<br>Digital Electronics Lab<br>Measurement Lab<br>Sensor Lab<br>Transducer Lab<br>Instrumentation Lab<br>Analog Communication Lab<br>Digital Communication Lab<br>MCA Lab |
| Pharmacy                 | Pharmaceutical Chemistry Lab (02)<br>ATP Lab<br>Biotech/Microbiol<br>Pharmaceutics (02)<br>Pharmaceutical Analysis<br>Pharmacology Lab   |
| Applied Social sciences  | Studio<br>Computer Lab (02)<br>Psychology Lab  |

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 88,356 books, 308 Journals (national and international), 557 back volumes, 10,211 Ph. D theses, and gives access to 1576 ejournals, 3000 ebooks and databases. 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.

**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?**

To facilitate the research activity, the University has following Instrument centers with sophisticated equipments purchased by UGC, DST, DBT, CSIR and University resources. They are

- Mechanical Workshop
- Center Instrumentation Lab in Biotech
- Cathode Ray Oscilloscope
- Central Computer Center
- Computer and accessories to conduct Interdisciplinary classes Computer Lab (proposed and being processed costing about Rs. 42704452 crores)

**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.

**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)-**454**
- \* Monographs- **NIL**
- \* Chapters in Books - **42**
- \* Books edited - **09**
- \* Books with ISBN with details of publishers- **12**
- \* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, EBSCO host, etc.)- **07**
- \* SNIP- **NIL**
- \* SJR- **NIL**
- \* Impact Factor – range / average – **0.2-18**

### 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.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 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, GGI 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 (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 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 instituted research scholarships for top most research scholars from each Department. An amount of Rs. 5000 will be given to them.

**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.
- "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.

### **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 and Pharmacy 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.

### **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, 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.

**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.**

Dr. Manoj Mishra, Department of Mass Communication was presented “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 PJTSAU, Hyderabad on 03<sup>rd</sup>-04<sup>th</sup> May, 2015.

**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. A central computer lab specially for research student is in process.
- ✓ **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.
- ✓ **Canteen:** the academic blocks and hostels have cafeteria to serves students for light refereshment
- ✓ **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 Guest House for 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.

| Sl.No | Recent Purchase/New Projects   | Amount (Rs.) |
|-------|--|--------------|
| 1     | Computer, software, printers, scanners, photocopiers & other accessories | 42704452.00  |
| 2     | Consumables & equipment for labs   | 10444850.00  |
| 3     | Furnitures   | 9027095.00   |

**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 1 Gbps 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 ambiance 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 (empanelment of doctors is in process).

**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.

**1.1.6 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            | 128             | Yes | Mess            | Yes                          | TV/ Carrom/ Chess/ Badminton                                    | 01 of 62 KVA              |
| Dr. C V Raman Hostel               | 228            | 205             | No  | Mess            | Yes                          | TV/ Table tennis  | 01 of 125 KVA             |
| Charak Hostel                      | 180            | 161             | Yes | Mess            | Yes                          | TV  | Common for both hostel    |
| Gurudev Ravindranath Tagore Hostel | 180            | Nil             | No  | Mess            | No                           | TV  | 01 (30kva) Not Functional |
| Draupadi Girls Hostel              | 170            | 167             | Yes | Yes             | Yes                          | TV/ Table/ tennis/ Badminton                                    | 01 of 30 KVA              |
| Meerabai Girls Hostel              | 105            | 36              | Nil | Yes             | Yes                          | TV  | Common for both hostel    |

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)
  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:         | 88,356 (Including Books from Book Bank) |
| 2. Journals:      | 308 (Including 48 foreign journals)     |
| 3. Back Volumes:  | 557                                     |
| 4. Ph.D.. Thesis: | 10,211                                  |

##### b) Average no. of books added

During the last three years: 2284 / year

##### c) Non print

|              |                |
|--------------|----------------|
| Microfiche:  | NIL            |
| Audiovisual: | 760 (CD & VCD) |

##### d) Electronic: 10,000 + (Purchased and Subscribed including INFLIBNET Consortia)

|            |  |
|------------|--|
| eBooks:    | 3500   |
| eJournals: | 1576   |
| eDatabase: | 2  |
| eTheses:   | 45209 from Sodhganga including 224 from our university |

##### e) Special collection:

The Constitution of India (gifted by Min. of HRD)

Reference Books: (Title: 645, Copies: 2462)

Govt. Publications: 118

##### f) Book Bank: 3704

##### g) Question Bank: Last Three years

#### **4.2.4 What tools does the library deploy to provide access to the collection?**

|  |  |
|--|--|
| a) OPAC:                                       | Work in progress (using SOUL software) |
| b) eResource Management Package for eJournals: | in progress                            |
| c) Federated searching tools:                  | In progress                            |
| d) Library website:                            | In progress                            |
| 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: | Work in progress |
|------------------------|------------------|

- b) No. of computer for general Access: 20 computers in e-Library, 2 computers for OPAC.
- c) No. of printer for general Access: 1
- d) Internet Bandwidth speed: 1 GBPS
- e) Institutional repository: In progress (planning for digital library)
- f) Content management system for e learning: no
- 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: 3000 / month
- b) Average no. of books issue returns: 4000 / month
- c) Ratio of library books to students enrolled: 39.2 books / student
- d) Average no. of books added during the last four years: total added: 1711 books /year
- e) Average no. of Logging for OPAC: work in progress
- f) Average no. of Logging for eResources: 1300 (approx.) / month
- g) Average no. of eResources downloaded/printed:
- 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
- c) Reprography/ Scanning: yes
- d) Inter Library Loan: No
- e) Information deployment and Notification: yes (In university website and Notice board)
- f) OPAC: work is going on
- g) Internet access: yes
- h) Download: Yes
- i) Printouts: work in progress
- 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.**

| Session   | Budget in Rs.  |
|-----------|----------------|
| 2010-11   | 1,87,27,531.00 |
| 2011-2012 | 11,52,058.00   |
| 2012-2013 | 2,02,77,783.00 |
| 2013-2014 | 5,63,43,289.00 |
| 2014-15   | 2,0000000.00   |
| 2015-16   | 25000000.00    |

\* Amount consists of library + lab expenses.

**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 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

**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 and try to remove the problems.

**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
- 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 224 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: 325

Computer-student ratio: 1:7.4

LAN facility: Robust Campus Wide Network wrapped around broad band and OFC technologies.

**Proprietary software** LibSys, Statistica, Yashara, DNA-Star, Sybpt-Tripos ASAR-Comfa, University's own software developed for computerization of University functions.

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.

**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 (MS office 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 PowerPoint 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 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, class rooms, 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.

**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 structured mechanism for student support and 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 Faculty 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 cultural & sports.

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. This counsel is related with supporting students in their admission, hostel, and extra-curricular, academic activities and also involved in supporting 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 advice 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 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 guided by 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 are six hostels on the Campus. Four of these are for boys and two for girls. 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. 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.

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 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 the 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.

**5.1.6 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.

The University provides financial aid and scholarships to students under different schemes. 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.

**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 Coordinated by a Faculty
- 15% for SC and 7.5% for ST seats are reserved
- Meticulous efforts are made by the University DSW to claim the 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 improve their academic performance.
- Women Cell takes care of issues related to girl students and attempts are made by the cell to provide a safe and secured environment for their learning and encouragement for 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, fencing, 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.
  - 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. 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.

**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, defence 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 and uniform , guidance.

- 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 13th Feb and selected 18 students.
3. Secure PC solutions Online Pvt Ltd organized Campus Placement for Management students' on 7th Feb 2015 and for Btech students on 24<sup>th</sup> Feb 2015. 09 Btech students and 7 MBA students were selected.
4. 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.
5. Coromandel International Ltd organised 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 grievance cell is referred the grievance for redressal. The grievances are checked on day to day basis and disposed as soon as possible thereby speeding up the grievance-redressal process. The controller of examination has the facility to check the status of the grievances on a daily, weekly or monthly-basis through the web-based modules.

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.**

The university promotes a gender-sensitive environment through the Women Cell.

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. Its main functions are:

- To disseminate of information through prominent boards, distribution and circulation of printed materials, posters and handouts.
- To organize awareness workshops about gender bias and sexual harassment for faculty, non-teaching and students. The aim is to develop non-threatening and non-intimidating atmosphere of learning.
- Provide confidential counseling service to victim of sexual harassment

### **Events organized by Women Cell, VBS Purvanchal University, Jaunpur**

1. A seminar in the context of 'SAKSHAM' UGCC on Issues on "Gender Bias and Sexual Harassment on University/ College Campuses" on 13th May 2014.
2. One day workshop on Sexual Harassment was organized on 13-5-2015.
3. One day Sensitization/ Awareness program for women teachers and employees of VBS Purvanchal University against gender bias and sexual harassment on 1-10-2014.

### **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.

### **Procedure for Registering complaint and Immediate Action:**

- **Who can approach the cell?**
- Any teaching and non-teaching employee (including contractual and temporary) of VBS Purvanchal University can lodge a complaint of gender bias and sexual harassment.
- **How to lodge a complaint?**
- The person (complainant) concerned can personally approach/ telephone/ write/ e-mail to any member of the Cell. Alternatively, e-mail can be sent to [womencellvbspu@gmail.com](mailto:womencellvbspu@gmail.com). The name of the complainant will be kept Confidential.
- A special e-mail account [womencellvbspu@gmail.com](mailto:womencellvbspu@gmail.com) was created to encourage women students, teaching and non teaching staff of University to complain the cell.

### **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, 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 has 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 be 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.

- ✓ 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.

The activities are:

- 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                   | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
|------------------------------|---------|---------|---------|---------|---------|
| Biotechnology                | 16      | 15      | 20      | 17      | 19      |
| Microbiology                 | 20      | 20      | 20      | 20      | 20      |
| Environmental Science        | 11      | 19      | 20      | 20      | 19      |
| Biochemistry                 | 17      | 17      | 17      | 19      | 20      |
| Business Administration      | 58      | 86      | 73      | 70      | 74      |
| HRD                          | 16      | 27      | 33      | 29      | 24      |
| Business Economics           | 16      | 14      | 15      | 22      | 14      |
| Financial Studies            | 22      | 29      | 17      | 32      | 24      |
| Mass Communication           | 22      | 27      | 27      | 21      | 12      |
| Applied Psychology           | 17      | 18      | 17      | 10      | 5       |
| Pharmacy                     | 32      | 59      | 50      | 51      | 57      |
| Computer Application         | 30      | 37      | 33      | 25      | 25      |
| Electrical Engineering       | 60      | 54      | 59      | 60      | 55      |
| Mechanical Engineering       | 57      | 59      | 60      | 60      | 59      |
| Computer Science Engineering | 48      | 46      | 50      | 55      | 49      |
| Electronic & Communication   | 57      | 47      | 54      | 60      | 45      |
| Electronic & Instrumentation | 48      | 40      | 33      | 31      | 17      |
| Information Technology       | 5       | 38      | 31      | 18      | 25      |

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. | Employe -d by Campus Selection | Employe d by Other than Campus Selection | Others (enter prenuer) |
|-------------------------|----------|--------------|--------------|---------------------|--------------------------------|--|------------------------|
| 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    | 2012    | 2013    | 2014    |
|------------------------------|---------|---------|---------|---------|
|                              | M/F     | M/F     | M/F     | 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 |
| Computer Science Engineering | 100/100 | --      | --      | --      |
| Electronic & Communication   | --      | --      | --      | 100/100 |
| Electronic & Instrumentation | --      | --      | --      | --      |
| Information Technology       | --      | --      | --      | --      |

**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)**

| Department              | UGC-CSIR-NET              | UGC-NET | SLET | GATE | GMAT | TOFFEL |
|-------------------------|---------------------------|---------|------|------|------|--------|
| Biotechnology           | 5                         | -       | -    | 1    | -    | -      |
| Microbiology            | JRF-5,<br>LS-4,<br>ICAR-3 | -       | -    | 7    | -    | -      |
| Environmental Science   | 10                        | -       | 20   | 8    | -    | -      |
| Biochemistry            | 5                         | -       | -    | 7    | -    | -      |
| Business Administration | 3                         | -       | -    | -    | -    | -      |
| HRD                     | -                         | 1       | -    | -    | -    | -      |
| Business Economics      | -                         | -       | -    | -    | -    | -      |
| Financial Studies       | -                         | -       | -    | -    | -    | -      |

|                                 |   |   |   |         |   |   |
|---------------------------------|---|---|---|---------|---|---|
| <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 lanes in the University campus are named after the freedom fighters from the region. Their names are written on the pointers in the lane.

**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 administrates 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 social 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 refurbishing hostels, faculty and staff quarters.
- 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 foreign 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, 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 every year for improved learning and assessment. 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 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 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 funding agencies like FIST, ICSSR, UGC, DBT, UNICEF and others sponsored by Ministries, etc.

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; 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 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             | Campus Admission Committee                            | Admission                |
| 2             | M. Ed. And B. P. Ed. Entrance Committee               | Admission                |
| 3             | Committee for Complaint Related to Entrance           | Grievance Redressal      |
| 4             | Committee for Complaint Related to B. Ed. Entrance    | Grievance Redressal      |
| 5             | Grievance Committee related to Research process       | Grievance Redressal      |
| 6             | Committee for Complaint Solution of Research Students | Grievance Redressal      |
| 7             | Examination Conduction Committee                      | Examination              |
| 8             | Practical Examination Conduction Committee            | Examination              |
| 9             | Data Processing Team                                  | Examination              |
| 10            | Sub- Committee for upload of Examination Result       | Examination              |
| 11            | Data Center Committee                                 | Examination              |
| 12            | Campus Examination Conduction Committee               | Examination              |
| 13            | Nigrani Committee                                     | Examination Vigilance    |
| 14            | U. F. M. Committee                                    | Examination Unfair Means |
| 15            | Placement cell  | Placement                |
| 16            | Seminar & Workshop Committee                          | Seminar                  |
| 17            | Convenor, Shodh Ganga                                 | Ph. D. upload            |
| 18            | Research Admission Process 2014-15                    | Ph.D..                   |
| 19            | Cultural Committee                                    | Cultural                 |
| 20            | Committee for Affiliation                             | Affiliation              |
| 21            | Principals/Lecturers Seniority Fixation Committee     | Seniority                |
| 22            | Website Committee                                     | Website                  |
| 23            | Coordinator RUSA                                      | RUSA                     |

|    |  |                  |
|----|--|------------------|
| 24 | UGC Fund Utilization Committee               | UGC              |
| 25 | Central Purchase Committee                   | Purchase         |
| 26 | Building and Work Committee                  | Construction     |
| 27 | Physical Verification Committee              | Construction     |
| 28 | Chief Information Security Officer           | ICT              |
| 29 | Committee for One Student- One Plant Abhiyan | Environment      |
| 30 | Remedial Classes Committee                   | Remedial Classes |

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 and Applied Psychology

B. In the Colleges- Arts, Commerce, Education, Law and Agriculture

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 also. They engage 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 the students' welfare activities like scholarship, co-curricular activities, educational tour, coordinating with Hostel Wardens. He is the in-charge of all sizarship 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 for the duration of three years. His/her role as an academic administrator of the department has been actively criticalized in update of library, syllabus, laboratory and list of examiners. Director, Pharmacy is also the Head of Department. Head is the convener of Board of Students. All the academic departments have full support of the 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.

**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 any other students' problems as may arise from time to time. Proctors maintain a closer coordination with Women Grievance Cell, SC/ST Cell, Anti-ragging Committee and Wardens of the hostels. Feeling of harmony and security are nurtured at all levels within the

campus. He is heading the University internal security system, watch & ward activities, 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 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. The work culture being evolved to seek participation of all 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 those who have superannuated, to activate several administrative and academic ventures. This add to 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, SC/ST, Anti-Ragging Cell to harness discipline, 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, Doctoral and Post-Doctoral

**6.1.4 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.**

Regular appointments are made on vacant positions in time.

**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 (expecto), 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 constitutes of Vice Chancellor as the Chairperson and Registrar as the secretary, 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 such 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 and 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, with membership from external experts in the respective areas of knowledge, meets at least once every session to design and manage 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.

All 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 laid 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 administrative work like Examination Superintendent, Warden, Proctor, Library, Convener /Coordinator of various committees thereby honing their leadership potential. The constitution of committees in the university has resulted in grooming faculty for leadership role 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
- Regular conferences, seminars and workshops are organized

- 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 people from Judiciary, Industry and other bodies 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 variety of campus needs 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 students
- Special lectures series are organized to increase the knowledge base of students, researchers and faculties
- The University has initiated work on data center to manage all important academic and administrative information as a data base.

#### **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 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), Punjab 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

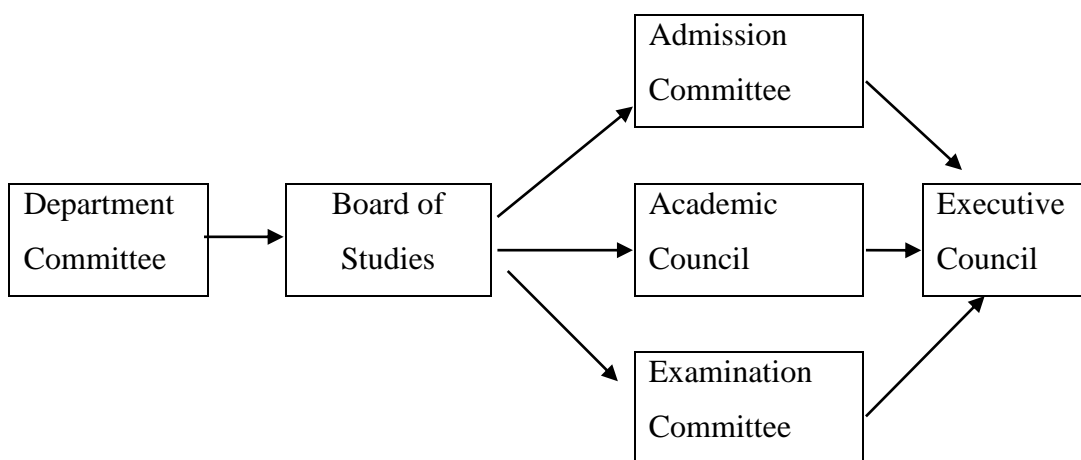


revamped in a way to fit to the changes in terms of opportunities and requirements of subjects concerned at global level. Trainings are provided to the students widen their practical knowledge and competence in various facets. Computer and skill development related courses are also included in the curriculum.

**6.2.2 Describe the university’s internal organizational structure and decision making processes and their effectiveness.**

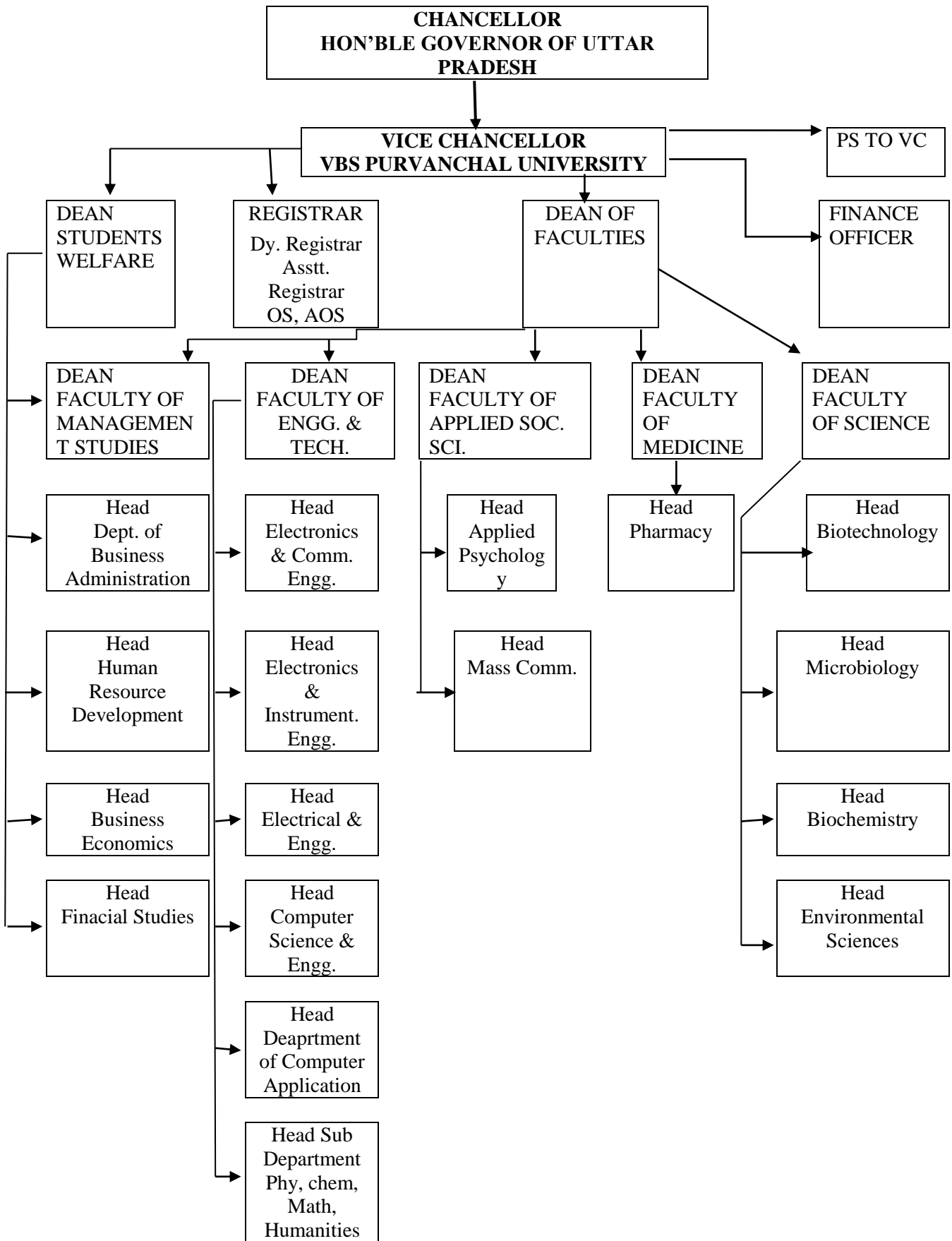
The VBS Purvanchal University Statute provides following authorities namely, the Executive Council, the Academic Council, the Finance Committee, the Examination Committee, and the Departmental Committees. On critical issues and matters the statutory bodies some time constitute various committees along with external experts to deal with specific situations.

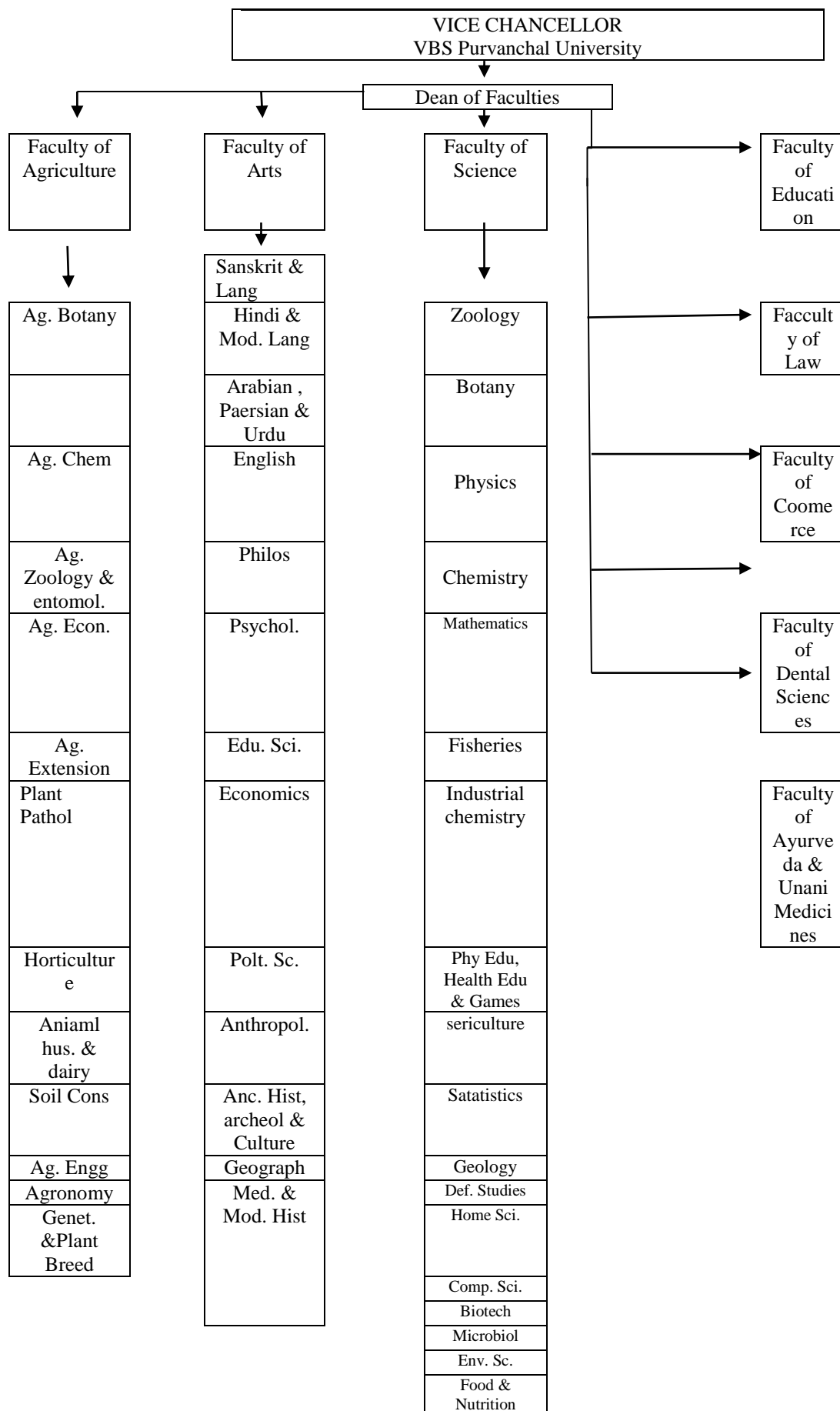
Departmental Committee → Board of Studies → Academic Committee  
 Departmental Committee → Board of Studies → Finance Committee



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
- (ii) Syllabus is framed by Board of Studies, recommended by Academic Council and approved by Chancellor
- (iii) Admission Policy reviewed on number of seats, schedule and process by Admission Committee
- (iv) Board of Studies review syllabus time to time keeping in view the national perspectives and changes in the field
- (v) Teaching schedule and attendance is regularly maintained by departments and faculties
- (vi) Regular meeting of Departmental Committees, Deans and Heads are held for appraisal
- (vii) 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 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 facility is 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.
- 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:**

| Deptt               | 2011-12    |            | 2012-13    |            | 2013-14    |            | 2014-15    |            |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                     | Male       | Female     | Male       | Female     | Male       | Female     | Male       | Female     |
| <b>Biotech</b>      | 7          | 9          | 10         | 5          | 12         | 8          | 12         | 5          |
| <b>Microbiology</b> | 12         | 8          | 7          | 13         | 5          | 15         | 11         | 9          |
| <b>Biochemistry</b> | 11         | 6          | 14         | 3          | 10         | 7          | 9          | 10         |
| <b>Env. Sc.</b>     | 2          | 9          | 9          | 10         | 8          | 12         | 9          | 11         |
| <b>MBA</b>          | 43         | 9          | 50         | 7          | 39         | 10         | 38         | 7          |
| <b>MBA Agri</b>     | 6          | 0          | 25         | 0          | 13         | 0          | 22         | 0          |
| <b>MBA E-com</b>    | 0          | 0          | 3          | 1          | 10         | 1          | 3          | 0          |
| <b>MBA (HR)</b>     | 4          | 3          | 9          | 5          | 8          | 10         | 13         | 13         |
| <b>MHRD</b>         | 4          | 5          | 8          | 5          | 4          | 1          | 2          | 1          |
| <b>MBA (BE)</b>     | 15         | 1          | 13         | 1          | 14         | 1          | 21         | 1          |
| <b>MBA (FC)</b>     | 17         | 5          | 22         | 7          | 13         | 4          | 28         | 4          |
| <b>MMC</b>          | 20         | 2          | 18         | 9          | 24         | 3          | 20         | 1          |
| <b>MAP</b>          | 12         | 5          | 13         | 5          | 10         | 7          | 2          | 8          |
| <b>MCA</b>          | 26         | 4          | 31         | 6          | 32         | 1          | 21         | 4          |
| <b>Pharmacy</b>     | 24         | 8          | 47         | 12         | 36         | 14         | 32         | 19         |
| <b>EE</b>           | 52         | 8          | 47         | 7          | 45         | 14         | 49         | 11         |
| <b>ME</b>           | 56         | 1          | 47         | 13         | 56         | 4          | 52         | 8          |
| <b>CSE</b>          | 37         | 11         | 32         | 14         | 41         | 9          | 44         | 11         |
| <b>EC</b>           | 47         | 10         | 36         | 11         | 49         | 6          | 54         | 6          |
| <b>EI</b>           | 43         | 5          | 34         | 6          | 25         | 8          | 25         | 6          |
| <b>IT</b>           | 4          | 1          | 29         | 9          | 16         | 15         | 13         | 5          |
| <b>TOTAL</b>        | <b>442</b> | <b>110</b> | <b>504</b> | <b>149</b> | <b>470</b> | <b>150</b> | <b>480</b> | <b>140</b> |

**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?**

The Women Cell of the University organizes various events for gender sensitization. Some of the events are:

- Seminar in the context of 'SAKSHAM' UGC on Issues on "Gender Bias and Sexual Harassment on University/ College Campuses" on 13th May 2014.
- One day workshop on prevention of 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.

**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 Lakhs) | Expenditure (Rs.in Lakhs) |
|-----------|-----------------------|---------------------------|
| 2011-2012 | 6393.01               | 5990.62                   |
| 2012-2013 | 6266.19               | 4780.28                   |
| 2013-2014 | 10925.59              | 4040.87                   |
| 2014-2015 | 10253.32              | 4590.44                   |

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 not burnt on fire. The leaves get decomposed and papers are disposed. 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 birds.

## 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://vbspuonline.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, Inplibnet 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 559 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-Female; 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, fencing, Taekwondo (male), Taekwondo (female),     |
| 2012-13 | Basket Ball, Football (male), Judo, Lawn Tennis (male), Lawn Tennis, Wrestling (female), Athlete (male), Hockey (female), fencing, Shooting   |
| 2013-14 | 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)  |
| 2014-15 | 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 |
|---------|----|------------------------|----------------------------|-----------------------------------|----------------|
| 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,<br>Jaunpur                | Javelin throw          | Silver                   |
|  | 7  | Rekha Patel             | Raja Harpal Singh<br>PG College, Jaunpur | Athletic (5000<br>mtr) | Silver                   |
|  | 8  | Jagveer                 | Raja Harpal Singh<br>PG College, Jaunpur | Shotput                | Bronze                   |
|  | 9  | Sonam                   | Raja Harpal Singh<br>PG College, Jaunpur | Hammer throw           | Bronze                   |
|  | 10 | Vikas Kumar<br>Singh    | Raja Harpal Singh<br>PG College, Jaunpur | Janvelin throw         | Bronze                   |
|  | 11 | Yadvendra<br>Yadav      | TD PG College,<br>Jaunpur                | Triple jump            | 4 <sup>th</sup> Position |
|  | 12 | Rajesh Pandey           | TD PG College,<br>Jaunpur                | High Jump              | 5 <sup>th</sup> position |
|  | 13 | Mamta Rai               | TD PG College,<br>Jaunpur                | Athletic (1000<br>mtr) | 5 <sup>th</sup> position |
|  | 14 | Chandra<br>Bhusan yadav | Sant Lakhan das<br>College, Ghazipur     | Wrestling (74<br>Kg)   | 5 <sup>th</sup> position |

| <b>Sess<br/>ion</b> | <b>SN</b> | <b>Name of<br/>Individual</b> | <b>College Name</b>                    | <b>Events</b>           | <b>Medal/Position</b>    |
|---------------------|-----------|-------------------------------|--|-------------------------|--------------------------|
| <b>201<br/>2-13</b> | 1         | Avinash Kumar                 | Hindu PG College,<br>Ghazipur          | Archery                 | Gold                     |
|                     | 2         | Rajendra Bind                 | Handia PG Collge,<br>Allhabad          | Athletic (5000<br>mtr)  | Gold                     |
|                     | 3         | Kailash Nath<br>Yadav         | TD PG College,<br>Jaunpur              | Athletic (15000<br>mtr) |                          |
|                     | 4         | Rajendra Bind                 | Handia PG Collge,<br>Allhabad          | Athletic (1000<br>mtr)  | Gold                     |
|                     | 5         | Arjun Yadav                   | Rajdeo Krishak<br>College, Azamgarh    | Wrestling (60 Kg)       | Gold                     |
|                     | 6         | Munna Yadav                   | Baba Ramtahal Das<br>College, Azamgarh | Wrestling (66 Kg)       | Silver                   |
|                     | 7         | Daya Shankar<br>Patel         | PG Collge, Ghazipur                    | Athletic (walk)         | Bronze                   |
|                     | 8         | Ravindra<br>Kumar             | TD PG College,<br>Jaunpur              | Athletic (1000<br>mtr)  | 4 <sup>th</sup> position |
|                     | 9         | Avdhesh<br>Kumar              | SHDCL, Jaunpur                         | Javelin throw           | 4 <sup>th</sup> position |
|                     | 10        | Virendra<br>Kumar             | TD PG College,                         | Javelin throw           | 5 <sup>th</sup> position |
|                     | 11        | Ashok Yadav                   | Rajdeo Krishak<br>College, Azamgarh    | Wrestling (55 Kg)       | 5 <sup>th</sup> position |
|                     | 12        | Chandni<br>Sachdeva           | Suryabali College,<br>Jaunpur          | Wrestling (72 Kg)       | 5 <sup>th</sup> position |
|                     | 13        | Rajendra Bind                 | Handia PG Collge,<br>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 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 |

| Session | SN | Name of Individual   | College Name                      | Events                 | Medal/Position           |
|---------|----|----------------------|-----------------------------------|------------------------|--------------------------|
| 2014-15 | 1  | Bharat Bhusan Tiwari | Sant Lakhan 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 Lakhan 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, Allhabad       | Crosscountry           | 6 <sup>th</sup> position |

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

| <b>Sessio<br/>n</b> | <b>SN</b> | <b>Event</b>          | <b>Competition</b>  | <b>Position</b>          |
|---------------------|-----------|-----------------------|---|--------------------------|
| <b>2011-<br/>12</b> | 1         | Hockey-<br>Female     | Eastern region Inter University competition   | 1 <sup>st</sup> position |
|                     | 2         | Hockey-<br>Female     | All India Inter University competition participation  | 1 <sup>st</sup> position |
|                     | 3         | Cricket-<br>Female    | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                     | 4         | Badminton-<br>Male    | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|                     | 5         | Badminton-<br>Female  | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|                     | 6         | Volleyball-<br>Male   | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|                     | 7         | Hockey-<br>Male       | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|                     | 8         | Basketball-<br>Male   | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|                     | 9         | Cricket-<br>Male      | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|                     | 10        | Basketball-<br>Female | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |

| <b>Sessio<br/>n</b> | <b>SN</b> | <b>Event</b>       | <b>Competition</b>  | <b>Position</b>          |
|---------------------|-----------|--------------------|---|--------------------------|
| <b>2012-<br/>13</b> | 1         | Hockey-<br>Female  | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                     | 2         | Cricket-<br>Male   | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                     | 3         | Wrestling-<br>Male | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|                     | 4         | Cricket-<br>female | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|                     | 5         | Hockey-<br>Female  | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |
|                     | 6         | Handball-<br>male  | Eastern region Inter University competition<br>All India inter University competition               | 3 <sup>rd</sup> position |

|  |    |                  |   |                          |
|--|----|------------------|---|--------------------------|
|  |    |                  | participation   |                          |
|  | 7  | Handball-Female  | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|  | 8  | Volleyball-Male  | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|  | 9  | Basketball-Male  | Eastern region Inter University competition<br>All India inter University competition participation | 3 <sup>rd</sup> position |
|  | 10 | Badminton-Female | Eastern region Inter University competition<br>All India inter University competition participation | 4 <sup>th</sup> position |

| <b>Session</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>Session</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<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                | 3         | Hockey-Female     | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                | 4         | Volleyball-Female | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                | 5         | Handball-male     | Eastern region Inter University competition<br>All India inter University competition participation | 1 <sup>st</sup> position |
|                | 6         | Hockey-Male       | Eastern region Inter University competition<br>All India inter University competition participation | 2 <sup>nd</sup> position |

|    |                                |  |                          |
|----|--------------------------------|--|--------------------------|
| 7  | Volleyball-<br>Male            | Eastern region Inter University competition<br>All India inter University competition<br>participation | 2 <sup>nd</sup> position |
| 8  | Lawn<br>Tennis-<br>Female      | Eastern region Inter University competition<br>All India inter University competition<br>participation | 2 <sup>nd</sup> position |
| 9  | Badminton-<br>Male &<br>Female | Eastern region Inter University competition<br>All India inter University competition<br>participation | 3 <sup>rd</sup> position |
| 10 | Kho-kho-<br>Male               | Eastern region Inter University competition<br>All India inter University competition<br>participation | 4 <sup>th</sup> position |
| 11 | Kho-kho-<br>Female             | Eastern region Inter University competition<br>All India inter University competition<br>participation | 4 <sup>th</sup> position |
| 12 | Handball-<br>Female            | Eastern region Inter University competition<br>All India inter University competition<br>participation | 4 <sup>th</sup> position |
| 13 | Basketball-<br>male            | Eastern region Inter University competition<br>All India inter University competition<br>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)

## E. 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) |
|----------------------|------------|--------|------------------------|
| 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        | 38                         | 4   |
| Dr M P Singh     | M Sc, M Phil Ph. D | Professor           | ON SPECIAL LEAVE         | 26                         | 3   |
| Dr Vandana Rai   | M Sc, Ph. D        | Associate Professor | Human Molecular Genetics | 15                         | 4   |
| Dr Ram Narain    | M Sc, Ph.D.        | Associate Professor | Microbiology             | 5                          | Nil   |
| Dr Rajesh Sharma | M Sc, Ph.D.        | Assistant Professor | Bioprocess Technology    | 15                         | 1 M. Phil.<br>1 Ph.D..                                    |
| Dr Pradeep Kumar | M Sc, Ph.D.        | Assistant Professor | Medical Biotechnology    | 15                         | Nil   |

12. **List of senior Visiting Fellows, adjunct faculty, emeritus professors:** NA
13. **Percentage of classes taken by temporary faculty:** Nil
14. **Programme-wise Student Teacher Ratio:** 8:1
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 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. Naraiian). | UGC            | 2012-2015 | 10.35        |
| 8            | Purification and molecular characterization of mushroom growth promoting bacteria for development of bioinoculants. (PI: R. Naraiian)  | 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) : 101
- Monographs: Nil
- Chapters in Books:

Total: 23

Last four years: 11

- 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= 1- 305



- Total = 1121
- Average = 9.04

- SNIP
- SJR

**Name of Journals Name**

**Faculty**

|                |  |
|----------------|--|
| 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.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 Narain  | <ul style="list-style-type: none"> <li>▪ Micrbioz journal</li> <li>▪ Bioengineering and Bioscience</li> </ul>  |

**\* Impact Factor – range / average:**

- Range = 0-12
- Total = 115.65
- Average = 1.145

**\* h-index = 17**

**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 = 30  
Last four years = 11

**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:**

- \* DD Dubey: 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

1. 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:

| Name            | Address                            | Title                                   |
|-----------------|------------------------------------|---|
| Dr. Lalji Singh | Bhatnagar Fellow (CSIR) and former | Genetic diversity in Indian populations |

|                          |   |  |
|--------------------------|---|--|
|                          | Director, CCMB, Hyderabad   | 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  |
| DrRakesh 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<br>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. KarChowdhuri       | 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  |
| DrBhupendra 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<br>Taleigao Plateau, Goa   | Fate of Organotin Biocide, TBTCI in Marine Environment   |
| Prof Kavita Shah         | Institute of Environment and Sustainable Development<br>Banaras Hindu University Varanasi   | Understanding enigmas in adaptation biology using bioinformatics tools   |
| Dr U. D. Gupta           | Deputy Director (SG)<br>NJIL&OMD, Tajganj, Agra   | Efficacy of Moxifloxacin and Econazole against MDR-TB strains in murine model  |
| Prof Dinesh Yadav        | Department of Biotechnology<br>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<br>RajendraAgriculturalUniversity<br>Pusa, Samastipur, Bihar  | Challenges in CropImprovement :<br>Biotechnologicalinterventions   |
| 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   |

2. Organized two days National Conference on "Frontiers in Biological Sciences" December 4-5, 2011

3. "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).
4. Sensitization/ awareness workshop on intellectual property rights and patents, sponsored by DST, UP, March, 2004.
5. '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 |
| Ph D (2015)*                                    | 24                    |          |        |                 |        |
| 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                               |
| Ph D  | 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   |
|-----------------|---------|--------|--------|--------|--------|--------|--------|--------|
| No. of Students | NET : 2 | NET: 6 | NET: 5 | NET: 1 | NET: 2 | NET: 2 | NET: 2 | NET: 1 |

UGC-CSIR-NET: 5

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                        |                             |
| • Campus selection              |                             |
| • Other than campus recruitment |                             |
| Entrepreneurs                   | 1%                          |

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 (Thesis submitted)  
 Mr. UpendraYadav (Thesis submitted)  
 Mr. SushilYadav (Thesis submitted)  
 Mr. Vishnu PrakashTripathi

**b) from other institutions/universities:** Miss Sreedevi Padmanabhan

**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):**

| Name                    | Address   |
|-------------------------|---|
| Dr Vidisha Tripathi     | Scientist D<br>National Centre for Cell Science<br>Pune, Maharashtra  |
| Dr Anil Kumar Singh     | Scientist<br>CSIR-North East Centre for Science & Technology<br>Jorhat, Assam   |
| Dr Anand Krishna Tiwari | Assistant Professor<br>Developmental Biology Laboratory<br>School of Biological Science and Biotechnology<br>Indian Institute of Advanced Research<br>Koba, Gandhinagar-382007<br>Gujarat |
| Dr Jyoti Srivastava     | Assistant Professor<br>Department of Bioscience and Biotechnology<br>Banasthali University<br>BanasthaliVidyapeeth<br>PO BanasthaliVidyapeeth<br>Rajasthan-304022                         |

|                       |   |
|-----------------------|---|
| Dr Maqsood Ahmad      | Assistant Professor<br>King Abdullah Institute for Nanotechnology<br>King Saud University<br>BOX2454<br>Riyadh<br>Saudi Arabia<br>e-mail:mamamed@ksu.edu.sa |
| Dr Prashant Singh     | Asstt. Director, Genomics Shared Resource<br>Roswell Park Cancer Institute<br>Buffalo, NY 14263   |
| Dr Gyaneshwar Chaubey | Senior Scientist<br>Estonia Biocentre, Riia23<br>Tartu, Estonia 51010<br>e.mail:gyanc@ebc.ee  |
| Dr Adnan Kausar       | Assistant Professor<br>University of Hail<br>Hail City<br>Province population:526882<br>Campuses Hail,Baqa<br>Saudi Arabia                                  |
| Dr Pawan Dubey        | Assisstant Professor<br>Centre for Genetic Disorder<br>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 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 Rsearch, 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, psychiatric disorders and cancer) that is published in peer reviewed international journals

Dr. Ram Narayan'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
- Cumbersome and time consuming procedures make it at times very difficult to maintain the laboratories and the department
- Lack of financial and administrative autonomy
- No appointments in place of retired and teacher on long leave.
- Placement of Students is often very difficult due to their poor communication skill.

**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, S, RFC□C 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 Naraian 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 Naraian is looking into the induction and quantification of differential expression in laccase and Mn-Peroxidase genes especially in white-rot basidiomycete fungi (*Pleutotus* 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 (Contractual)            |
| Assistant Professor | 02         | 01     | 01(Contractual)             |
| 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)  | Associate Professor (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)  | Assistant Professor (Contract) | General Microbiology & Immunology                                 | 5 Years at PG Level   | NIL-  |
| Ms Manisha Upadhyay  | M. Sc. (NET)  | Guest Faculty                  | Microbiology  | NII   | 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. **(a) Publications;**

**SP Tiwari**

- o Number of paper published in peer reviewed journals ( National/ international )  
**National 13**  
**Conference Proceedings 02**  
**International 03**
- 1. Singh RK, **Tiwari SP**, Rai AK & Mohapatra TM (2011) Cyanobacteria: an emerging for drug Discovery. **Journal of Antibiotics (1.65)** 64: 401-412.
- 2. 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.
- 3. 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.
- 4. **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, Sigramau Jaunpur. Feb 20-21, 2012
- 5. 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, Sigramau, Jaunpur. Feb 20-21, 2012.
- 6. **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
- 7. 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.**
- 8. 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
- 9. Shira E, Singh RK, , **Tiwari SP**, Mohapaptra TM, Carmeli S. (2013) Aeruginosins from Microcystis sp. bloom collected in Varanasi, India. J. Nat. Prod. 76(6): 1187-1190.

10. 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
  11. **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.
  12. **Srivastava R**, Sonam S, Singh P, Srivastava P, Singh CS, Sharma R & Tiwari SP (2014) Plant Growth Promoting Rhizobacteria: Plant Probiotics. *Biologix* 112-116
  13. Singh RK, **Tiwari SP** and Mohapatra TM(2015) Characterization of Cyanobacteria with Nonribosomal Peptide Synthetase Gene Clusters from Tropical Environment of Varanasi City India. *Trends in Biosciences* 8(18), 4841-4847, 2015
- Monograph
  - **Chapters in Book**
  - \* National **00**
  - \* International **07.**
1. Preeti Singh, RK Singh, RK Rai, **SP Tiwari**, TM Mohapatra (2011) **Diversity of Listeria**. In: *Biotic potential and abiotic stress* (Eds) A K Diwedi. Lambert Academic Press, Germany. Pp 373-389
  2. **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
  3. Upadhyay S, Singh RK, **Tiwari SP**, Sen MR and Mohapatra TM (2011) Toxins produced by Members of Enderobacteriaceae. pp. 41-58. In: *Microbial Toxins and Toxigenic Microbes*. Eds. SK Singh, VD Pandey. Studium Press LLC, Texas, USA
  4. 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)
  5. 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)
  6. 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)
  7. **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

07 Cyanobacterial strains for NRPS gene GenBank (accession no. from JQ001835 to JQ001841)

\* **Citation indices**

Dr. S. P. Tiwari

|   | All        | Since 2010      |
|---|------------|-----------------|
| * Citations   | <b>254</b> | <b>181</b>      |
| * Citation index-range/ average <a href="#">i10-index</a> |            | <b>9</b>        |
| ○ SNIP  |            |                 |
| ○ SJR   |            |                 |
| ○ Impact factor-range average                             |            | <b>0.86-2.6</b> |
| * H-index <a href="#">h-index</a>                         |            | <b>6</b>        |

**(b) Publications;**

**Rishi Srivastava**

- Number of paper published in peer reviewed journals ( National/ international )

**National 06**

**Conference Proceedings 03**

**International**

- \* **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, Sigra mau Jaunpur. Feb 20-21, 2012
- \* 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, Sigra mau, Jaunpur. Feb 20-21, 2012.
- \* **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
- \* 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
- \* 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.
- \* **Srivastava R**, Sonam S, Singh P, Srivastava P, Singh CS, Sharma R & Tiwari SP (2014) Plant Growth Promoting Rhizobacteria: Plant Probiotics. Biologix 112-116

- **Chapters in Book**

- National **00**

- International **03**

- \* **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
- \* Sharma R, **Srivastva 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)
- \* **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)

23. Details of patents and income generated **NO**
24. Area of consultancy and income generated **01 (Rishi Srivastava)**
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 (SP Tiwari)**
27. Faculty recharging strategy ( UGC, ASC, Refresher/ orientation programs, workshops, training programmes and similar programmes)

**Dr. S. P. Tiwari**

- \* “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      | <b>47%</b>    |
| 2012-14      | <b>41%</b>    |
| 2011-13      | <b>45%</b>    |
| 2010-12      | <b>44%</b>    |
| 2009-11      | <b>25%</b>    |
| 2008-10      | <b>25%</b>    |

- Percentage of students doing project in collaboration with others universities/ industry / institutes

29. Award recognition received at national and international level by

- Faculty **Nil**
- Doctoral / Post doctoral fellow
  - Mr. Vishwash Sharma **Germany**
  - Mrs Amrita Nandan **Germany**
  - Mr. Binu Mani Tripathi **Seoul National Univ. S Korea**
  - Mr. Prashant Pandey **Max Planck Institute Germany**
  - Dr. Kamlesh Gidwani **PDF Indo-Finnish, Univ Turku, Finland**
  - Mr. Subash Yadav **Hyderabad University**
  - Ms Abhiruchkant **Inspire Fellow Biotech centre, Gurgaon**
  - Ms. Shalini Singh **Inspire Fellow, Central Univ. of Rajasthan**

Ms. Pallavi Sinha  
Mr. Pradeep Singh  
Mr. Shailendra Singh

Inspire Fellow, IMS, BHU  
CSIR, IMTECH Chandigarh  
CSIR JRF, IMS, BHU

- 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<br>( 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>Continued</b> |             |
| 2015-2017  |                      | <b>09</b> | <b>11</b> | <b>Continued</b> |             |

33. Diversity of students

| Name of programmes<br>(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                |
|-------------------------|-------------|---------------------|
| JRF 05 (02 Gen; 03 OBC) | -           | 07 (Gen 04; OBC 03) |
| LS 04 (04 Gen)          | LS 03 (Gen) | -                   |

35. Student Progression

| Student Progression           | Percentage against enrolled |
|-------------------------------|-----------------------------|
| UG TO PG                      | -                           |
| PG TO M. Phil.                | -                           |
| PG. to Ph. D.                 | <b>25</b>                   |
| Ph.D.. to Post doc            | <b>05</b>                   |
| 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                                  | <b>NO</b>  |
| b) Internet facility for staff and students | <b>Yes</b> |
| c) Total no. of class rooms                 | <b>01</b>  |
| d) Class rooms with ICT facility            | <b>NO</b>  |
| e) Students laboratories                    | <b>01</b>  |
| f) Research laboratory                      | <b>Nil</b> |
39. List of doctoral, post doctoral 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 |   |
| <b>For extension of services of contractual teachers</b>  |   |
| b) Students on staff, curriculum and teaching learning evaluation and how does the department utilize the feedback?   | <b>Yes, For improvement of Teaching</b> |
| c) Alumini and employer on the programmes offered and how does the department utilize the feedback?                   | <b>NO</b>                               |
43. List the distinguished alumni of department
1. Dr. Rahul Singh Assistant Professor HNB Garhwal University UK India
  2. Dr. Naveen Viswakarma, Assistant Professor, Guru Ghasidas Bilaspur University, Bilaspur CG
  3. Mr. Rishi Srivastava, Assistant Professor, Deptt. of Microbiology, VBS Purvanchal Univ. Jaunpur
  4. Mrs Shipra Singh, Assistant Professor, RR PG college, Amethi, Sultanpur
  5. Ms Pratima Srivastava, Assistant Professor, Md. Hasan PG College, Jaunpur
  6. Dr. Salbha Tiwari, Technical Officer, Agarkar Institute, Pune
  7. Mr. Deepak Maurya, Technical Officer, Agarkar Institute, Pune
  8. Mr. Indra Prakash, Director, Wound Care Remedies Pvt. Ltd. Ambala
  9. Mr. Ashutosh Tiwari, Technical Officer, TERI, New Delhi
  10. Mr. Mukesh Gupta, Manager QC, AlChemist Food ltd. Ropar, Punjab
  11. Mr Abhishek Singh, Addl. Director Blood Safety, UPSACS, Lucknow
  12. Mr. Pushpendra Mishra Technical Officer, State ref. Lab. UPSACS, IMS, BHU
  13. Mr. Bhuneshwar Yadav Microbiologist, Sterile India Gurgaon
  14. Mr. Prabhat Rastogi Alkem Pharmaceuticals
  15. Mr. Satyendra Gupta Lecturer KVS, Patna
  16. Mr. Ateeq Ahmad Technical Officer, UAE
  17. Mr. Abhishek Bhardwaj Sterile India Gurgaon
  18. Mr. Sashi Kant Sterile India Gurgaon
  19. Mr. Abhinav Singh Cadila Health care
  20. Mr. Ranjeet Kushwaha AlChemist Food ltd. Ropar, Punjab
  21. Mr. Pawan Pandey Cadila Health care
  22. Mr. Amit Mishra Lupin India
  23. Mr. Anuj Yadav Sterile India Gurgaon
  24. Mr. Saurabh raghuvanshi Sterile India Gurgaon
  25. Mr. Munna Prasad Sterile India Gurgaon
  26. Mr. Surendra Sterile India Gurgaon
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 Maha Vidyalaya           |
| Microbes and their role in agriculture      | M.Sc. Botany & B.Sc. Biotech    | Feb. 01, 2013   | Deptt. Of Biotech.              | Town PG College 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, Singrauli, 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   | Jan. 12-13,      | -                   | Sheetal Life                       |

|                  |  |                     |  |  |
|------------------|--|---------------------|--|--|
|                  | conference on new horizons in pharmaceutical and biomedical sciences   | 2013                |  | 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 and sustainable agriculture | Sunbeam College For Women, Varanasi                                      |
| 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)

Using both classical and modern teaching methods

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 implement 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.

**Strength:**

Hard work and sincerity of staff

dedication towards students and institution

Running combined classes in collaboration with Biochemistry for maximum utilization of staff

Promote students to carry out internal projects and summer training

Use of both classical and modern techniques for teaching

**Weakness:**

Shortage of teaching staff,

There is no specialized research lab and resources

Proper power supply position is weak

Lack of Smart class room

**Opportunities**

Enormous scope of the subject

Increasing demand for alternative sources of food, biofertilizers and renewable energy resources from microbes

Open for entry of students in industry after completion of course

**Challenges: To compete with other institution of national repute**

To modernize the department with latest equipment,

to create awareness of diseases and preventive measures among rural people as far as out programme is concerned

To develop proper infra-structural facility for research.



- 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) :
- |                       |    |
|-----------------------|----|
| Dr. Vivek K Pandey    | 15 |
| Dr. Sudhir K Upadhyay | 16 |
| Dr. Kartikeya Shukla  | 04 |
| Total                 | 35 |
- \* Monographs : Nil
  - \* Chapters in Books :
- |                       |    |
|-----------------------|----|
| Dr. Vivek K Pandey    | 02 |
| Dr. Sudhir K Upadhyay | 03 |
| Dr. Kartikeya Shukla  | 02 |
| Total                 | 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.): **28**
  - \* Citation Index – range / average : **55**
  - \* SNIP
  - \* SJR
  - \* Impact Factor – range / average
- |                       |         |
|-----------------------|---------|
|                       | Thomson |
| Dr. Vivek K Pandey    | 20.5    |
| Dr. Sudhir K Upadhyay | 29.6    |
| Dr. Kartikeya Shukla  | 02      |
| Total                 | 52.1    |
- \* 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) :
- |                       |   |
|-----------------------|---|
|                       | <b>Editorial Board</b>                                    |
| Dr. Vivek K Pandey    | <b>Cellular and molecular Biology</b>                     |
| Dr. Sudhir K Upadhyay | <b>G- Journal of Environmental Science And Technology</b> |
| Dr. Kartikeya Shukla  | <b>Journal of Eco-physiology and occupational health</b>  |
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
- |                       | Orientation programs | Refresher | workshops, training programs and similar programs) |
|-----------------------|----------------------|-----------|--|
| Dr. Vivek K Pandey    | 01                   | 01        | 03   |
| Dr. Sudhir K Upadhyay | 01                   | Nil       | 02   |
| Dr. Kartikeya Shukla  | 01                   | Nil       | 03   |
| Total                 | 03                   | 01        | 08   |
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 / post doctoral 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.
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **02**  
**[collaboration with Dept of Biotechnology funded by UGC].**
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     | RUNNING         |      |       |
| 2015-16   |                       | 0        | 3  | 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%                         |

| Student progression             | Percentage against enrolled |
|---------------------------------|-----------------------------|
| 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

- a) Library : NO  
b) Internet facilities for staff and students : Yes  
c) Total number of class rooms : 02  
d) Class rooms with ICT facility : NO  
e) Students' laboratories : One  
f) Research laboratories : NO

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university : No  
b) 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

- c. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? YES  
d. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? YES  
e. 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     | Prakesh Kumar         | Chemist Lorel Organics Gurgaon           |
| 10    | Mustqem Ahmad         | SRF and Ph.D. scholar, HBTI, Palampur    |

44. Give details of student enrichment programmes (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         | <i>Institute of Environment and Sustainable Development, Varanasi</i> | <i>BHU,</i> | <i>Environmental awareness and Proteomics</i>        |
| 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 University faizabad                   |             | Bioremediation                                       |
| 9  | Dr. Anil K Dwivedi       | Dept of Botany, DDU Gorakhpur University                              |             | Water pollution and its effect on human life         |
| 10 | Dr. P.C Abhilash         | <i>Institute of Environment and Sustainable Development, Varanasi</i> | <i>BHU,</i> | <i>Info- chemical and Environmental signaling</i>    |
| 11 | Dr. Tirthankaer Benergee | <i>Institute of Environment and Sustainable Development, Varanasi</i> | <i>BHU,</i> | <i>Sustainable Development for natural resources</i> |
| 12 | Dr. Rajesh Singh         | Indian Institute of Geomagnetism, Allahabad                           |             | Earth magnetism                                      |
| 13 | Prof. Surendra Singh     | Dept of Botany, BHU Varanasi  |             | Ecological interaction of algae                      |
| 14 | Dr. Jitendra Sahi        | Dept of Env Sc, Sampurnanad 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                              |

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 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.
- 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:**

- Faculty members have specialization in their Research area
- Healthy work environment
- Team spirit and enthusiasm

**Weaknesses:**

- Lack of proper laboratory facilities.
- Lack of proper infrastructure facilities for research.
- Low teacher student ratio.
- shortage of laboratory and non teaching support staff.
- 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) |
|----------------------|------------|-----------|------------------------|
| Professor            | 0          | 0         | <b>NA</b>              |
| Associate Professors | 1          | 0         | <b>NA</b>              |
| Asst. Professors     | 02         | 0         | <b>NA</b>              |
| Guest Faculty        | 03         | <b>03</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 |
|-----------------------------|---------------|---------------|--|----------------------------|---|
| Dr. Sudhanshu Shekhar Yadav | Ph. D. NET    | Guest Faculty | Biochemistry, Enzymology & Molecular Biology | UG<br>1 < year             | Nil   |
| Dr. Prabhakar Singh         | Ph. D. NET    | Guest Faculty | Biochemistry<br>Biochemistry of Aging        |                            | Nil   |
| Ms. Sadhana Singh sagar     | M. Sc. NET    | Guest Faculty | Microbiology                                 |                            | Nil   |

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: **3 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:

| YEAR (Batch) | % 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 :

| YEAR (Batch) | % 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**

- Dr. 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
- Mr. Birendra Yadav Wockhardt Ltd. Aurangabad
- Mr. Sanjay Yadav Kusum health care pvt ltd., Noida
- Mr. Shailendra Singh Om sai clinical research pvt ltd., Pune
- Dr. Saurabha Srivastva Scientist PIRAMAL Pvt. Ltd. Mumbai
- Dr. Promod kumar Gautam PhD. BHU, Varanasi
- Dr. Sudhanshu Shekhar Yadav Postdoctoral researcher BHU, Varanasi  
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<br>( Refer to question no. 4) | Application received | Selected<br>Male Female | Pass percentage<br>Male Female |
|--|----------------------|-------------------------|--------------------------------|
| M. Sc. (Biochemistry)                            | Through PU CAT       |                         |                                |
| 2013-2015  |                      | <b>14 03</b>            | <b>100% 100%</b>               |
| 2014-2016  |                      | <b>10 07</b>            | <b>Continued</b>               |
| 2015-2017  |                      | <b>10 10</b>            | <b>Continued</b>               |

33. Diversity of students

| Name of programmes<br>(Refer to question no. 4) | % of student<br>from the same<br>university | % of students<br>from other<br>university | % of students from<br>universities outside the<br>state | % student<br>from other<br>countries |
|---|---|---|---|--------------------------------------|
| M.Sc. (Biochemistry)                            | <b>85%</b>                                  | <b>15%</b>                                | <b>0%</b>   | <b>0%</b>                            |

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

| 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> | -        | -                          |

35. 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                 | -                           |

36. Diversity of staff

| <b>Percentage of faculty who are graduates</b> |            |
|--|------------|
| of the same university                         | <b>01</b>  |
| from other universities within the State       | <b>02</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: **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**

39. List of doctoral, post-doctoral students and Research Associates: **Nil**  
 a) from the host institution/university  
 b) from other institutions/universities
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.  
**Yes: Feed Back form through Questionnaire**
42. Does the department obtain feedback from:  
**43.** 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**
44. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, For improvement of Teaching**
45. Alumni and employers on the programmes offered and how does the department utilize the feedback? **No**
46. 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
46. 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.
47. List the teaching methods adopted by the faculty for different programmes.  
**Online tutorial, weekly presentation, power point classes**
48. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?  
**Through feedback, student meetings and surprise test**
49. Highlight the participation of students and faculty in extension activities. **Nil**
50. Give details of “beyond syllabus scholarly activities” of the department.  
**Participation in blood donation camp, cultural activities, cancer awareness program**
51. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **No**
52. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:  
 • Importance of diet on metabolic pathways,  
 • Biochemistry of aging
53. 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- Joint classes with sister department Microbiology  
**WEAKNESSES:**  
 1- No Permanent faculty available  
 2- Research facility not developed  
 3- Lab facilities need lot of up gradation  
**PPORTUNITIES:**

- 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
54. 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 ADMINISTRATION (AGRIBUSINESS & 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) |
|----------------------|------------|--------|------------------------|
| 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                         | 4 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:

0. Prof. Baleshwar Pandey
1. Mr. Ravi Rai
2. Mr. Saurabh Singh
3. Dr. R.P. Singh
4. Dr.S.K.Tripathi
5. Dr.H.P.Mathur

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  
Research Methodology by Dr. S. Benerjee (ISBN:  
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 | Applications received | Selected |        | Pass percentage |        |
|-----------------------|-----------------------|----------|--------|-----------------|--------|
|                       |                       | Male     | Female | Male            | Female |
|                       |                       |          |        |                 |        |

33. Diversity of students

| Name of the Programme<br>(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  | As per centralized Placement Cell |
| <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than campus recruitment</li> </ul> |                                   |
| 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

b) 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

f. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? No

g. 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.

h. 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

Farogh Ahmed, Danube, Jeddah

Syed Musi Raza, Axis Bank

Shailesh Pathak, Parag Dairy

Mr. Deepk Kumar Singh, SBI

Ranjeet Singh, Jubilant Chemicals

Dr. Rajesh Shastri, MNIT

Sandeep Srivastava, Skyda Elretrical

Rajan Kumar, Bank of Baroda

Industries(Pvt)Ltd

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.

**Opportunities:** 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), Communication for Management  
MBA(Agri)

MBA, MBA(BE), MBA(FS), Principles of Management  
MBA(Agri)

MBA, MBA(BE), MBA(FS), Research Methodology  
MBA(Agri)  
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<br>Labour Welfare                  | 16<br>Years                | Guided One (PhD)<br>Under guidance: One               |
| Dr. Sangeeta Sahu         | Ph.D., M.Phil. MPM &IR, UGC-NET (JRF) | Associate Professor | OB<br>T&D                              | 16<br>Years                | Under guidance: One                                   |
| Dr. Rashi Kesh            | Ph.D., MBA (HR) M.Com. (Gold)         | Assistant Professor | Group Dynamics<br>Industrial Relations | 11Years                    | Nil   |

|                        |  |                  |                  |           |     |
|------------------------|--|------------------|------------------|-----------|-----|
|                        | Medalist)<br>UGC-NET-Mgt<br>UGC-NET-<br>Commerce |                  | Entrepreneurship |           |     |
| Mr. Abhinav Srivastava | MBA, NET-<br>Management                          | Guest<br>Faculty | HR & Marketing   | 1year     | Nil |
| Mr. Anupam Kumar       | MBA, NET,<br>Research Assistant                  | Guest<br>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 | 7,32,200.00    |

|   |                         |                      |  |              |
|---|-------------------------|----------------------|--|--------------|
|   |                         |                      | organizational Performance drivers   |              |
| 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       | nd 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      | ock 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 | 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                           | ck 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       |

Dr. Avinash D. Pathardikar  
National

8+6= 14  
08

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

International

06

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

Dr. Sangeeta Sahu  
National

6+4=10  
06

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

- 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 held in December, 2014.
- 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
- Received prestigious Kamla Award by Indian Society for Training and Development 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 held in December, 2014.
  - Won second Best Paper Award-2012 of Indian Society for Training and Development.
  - Won Second Best Paper in XIII International Seminar on Ethics, Morality & Spirituality: Organized by Delhi School of Professional Studies and Research (DPSR) in 2012
- 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<br>Funded by UGC | HR Conclave' 15<br>Industry Institute<br>Interface<br>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)           | 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 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 (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**

**b) 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.

**c) 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.

**d) 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<br>HR & Admin | Rama Power & Steel (P) Ltd,<br>Raipur (CG)                            | 2002-04 |
| 2   | Mr. Kaushlesh<br>Narayan Singh | Manager-Personnel                   | National Mineral Development<br>Corporation (NMDC), Panna<br>(MP)     | 2001-03 |
| 3   | Mr. Sudhanshu<br>Verma         | Dy. Manager-HR                      | National Mineral Development<br>Corporation (NMDC),<br>Dantewada (CG) | 2002-04 |
| 4   | Mr. Vivekanand<br>Dubey        | HR Manager                          | Siesta Group Ltd. Gurgaon   | 2005-07 |
| 5   | Mr. Prateek Pandey             | Manager-HR                          | Cardinal Technology Solutions,<br>Lucknow                             | 2002-04 |
| 6   | Mr. Rohit Kumar                | Executive-HR                        | Damodar Valley Corporation  | 2004-06 |
| 7   | Mr. Prem Prakash<br>Singh      | Asst. Mgr-HR                        | Jai Corp Ltd.   | 2004-06 |
| 8   | Mr. Shivaji Singh              | Manager-HR (North)                  | Coromandal International  | 2004-06 |

|    |                      |                     |  |           |
|----|----------------------|---------------------|--|-----------|
|    |                      |                     | (Murugappa Group)                      |           |
| 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 | IITM, 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





- 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 Nil
    - 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  
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**  
**Prof Manubhai Shah best Research paper award by AICA to Dr H C Purohit**

- 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<br>(refer to question no. 4) | Applications<br>Received | Selected |        | Pass percentage |        |
|--|--------------------------|----------|--------|-----------------|--------|
|  |                          | Male     | Female | Male            | Female |
| MBA (BE) 2013-14                                   | Admission through        | 22       | 01     | -               | -      |
| MBA (BE) 2014-15                                   | UPSEE/PUCAT              | 08       | 04     | -               | -      |

33. Diversity of Students

| Name of the programme<br>(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) 2013-14                                  | 92%                                    | 8%   | -   | -                                  |
| MBA (BE) 2014-15                                  | 86%                                    | 14%  | -   | -                                  |

35. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

36. Student progression

| Student progression             | Percentage against enrolled |
|---------------------------------|-----------------------------|
| UGtoPG                          | Nil                         |
| PG to MPhil.                    | Nil                         |
| PG to Ph.D..                    | Nil                         |
| Ph.D.. to Post-Doctoral         |                             |
| Employed                        |                             |
| • Campus selection              | 10                          |
| • Other than campus recruitment | 75                          |
| Entrepreneurs                   | 10                          |

37. Diversity of staff

| <b>Percentage of faculty who are graduates</b> |    |
|--|----|
| of the same university 13 "J                   | 50 |
| from other universities within the State 7~    | 50 |
| from universities from other States            | -  |
| from universities outside the country          | -  |

38. Number of faculty who were awarded MPhil., Ph.D..D.Sc. and D.Litt during the assessment period **nil**

39. Present details of departmental infrastructure facilities with regard to

- Library **Departmental Library & Central 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**

40. List of doctoral/ post-doctoral students and Research Associates

- from the host institution/ university. Doctoral **6**

Under Dr Manas Pandey

**Gyan Prakash**

**Pankaj Tiwari**

**Shamim ahmend**

**Neetu Pathak**

**Anjaney Pandey**

**Devendra Malviya**

- 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. **Nil**

43. Does the department obtain feedback from
- e) 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.**
- f) 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**
- g) 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.**
44. List the distinguished alumni of the department (maximum 10)
- | Name                  | Designation                     |
|-----------------------|---------------------------------|
| Mr Amit Srivastava    | Direcor IPM ,Jaunpur            |
| Dr Manoj Singh        | Asst Prof UNSIET,Jaunpur        |
| Dr Sushil Singh       | Asst Prof,IGNTU,Amarkantak      |
| Dr Neetu pathak       | SHEAT,Varanasi                  |
| Dr Sushma Maurya      | Jhunjunwala Institute ,Faizabad |
| Dr Satyendra Singh    | GNIT,Gr Noida                   |
| Dr Brajesh Singh      | Galgotia,GR Noida               |
| Dr Vinish Ojha        | KNIPSS,Sultanpur                |
| Ms Nivedita Verma     | KIT,Varanasi                    |
| Dr.Devendra Maliviya  | Shivani Locks, Delhi            |
| Mr.Indushekhar Pandey | HDFC< New Delhi                 |
45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.  
Workshop :  
Session 2012-13
- 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 Oppurtunies for Management Students by Prof KK Agrawal, MGKVP,Varanasi**
46. List the teaching methods adopted by the faculty for different programmes.**Case Sudy,Role Plays,Presentation,Indutrial Visits,Seminars**
47. 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.**
48. 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.**
49. 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.**
50. 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.**
51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**Nil**
52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

Highly Qualified and dedicated faculty members

24 hour Internet

Enriched Library

State of the art Computer Lab

Supporting Infrastructure like Elegant Lecture Hall, Conference Hall, Faculty Chambers.

**Weakness:**

Remote Rural Location

Poor Commuting Facilities

Cumbersome procedures

Inadequate Faculty Strength

**Opportunities:**

Excellent student base (huge number of students graduating)

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

**Challenges**

Competition from Private Business Institutes.

Student poor academic knowledge

Delay in starting Admission process

**53. Future plans of the department**

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) |
|----------------------|------------|--------|------------------------|
| 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                        | 18                         | 02  |
| Dr. Ajay Dwivedi             | M.Com., Ph.D.                          | Associate Professor | Financial Management, Investment Management and Financial Derivatives | 14                         |   |
| Mr. Sachin Agrawal (On Lien) | M.Com., UGC-NET                        | Assistant Professor | Business and Corporate Laws and Income Tax                            | 13                         |   |
| Mr. Alok Gupta               | B.Tech. MBA, UGC-NET                   | Assistant Professor | Marketing and Finance   | 11                         |   |
| Mr. Sushil Kumar             | M.Com., LLB, UGC-NET, Ph.D. (Pursuing) | Assistant Professor | Accounting and Finance  | 06                         |   |
| Mr. Manjeet Kumar Verma      | BBA, MBA, UGC-NET                      | Guest Faculty       | Finance and Marketing   | 03                         |   |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

- Prof. G.C.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. K.M. Badani, IIM Kashipur
- Dr. Rakesh Sahni, Delhi University
- Dr. Shashi Srivastava, Banaras Hindu University

13. Percentage of classes taken by temporary faculty – programme-wise information: 20%

14. Programme-wise Student Teacher Ratio: 14:1
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. NIL
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): 25
  - \* Monographs: NIL
  - \* Chapters in Books: 04
  - \* Edited Books: 03
  - \* 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 of Ethiopia
26. Faculty serving in
  - a) National committees b) International committees c) Editorial Boards d) any other (please specify): 04  
 Dr. S.K. Sinha, Chief Editor, Journal of Business and Finance  
 Dr. Ajay Dwivedi, Member, Editorial Board, GGGI Management Review  
 Dr. Ajay Dwivedi, Member, Editorial Board and Advisory, Journal of Management Value and Ethics, Gwalior Management Academy, Gwalior, Madhya Pradesh  
 Mr. Sachin Agrawal, Journal of Business and Finance
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, ASC, 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<br>(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%            |        |

33. Diversity of students

| Name of the Programme<br>(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.                                 | 85%                                    | 15%  | NIL   | NIL                                |
| MBA (F&C)-I Sem.                                   | 100%                                   | 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.

35. Student progression

| Student progression             | Percentage against enrolled |
|---------------------------------|-----------------------------|
| UG to PG                        | NIL                         |
| PG to M.Phil.                   | NIL                         |
| PG to Ph.D..                    | NIL                         |
| Ph.D.. to Post-Doctoral         | NIL                         |
| 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: N/A

f) Research laboratories: N/A

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
- 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?
  - The students are required to evaluate the performance of teacher on various parameter such as teaching methodology used, ability to clarify the topic etc.
  - 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)
- Dr. Sirish Asthana, OSD, Vice-chancellor, Dr. Ram Manohar Lohia Avadh University, Faizabad.
  - Mr. Ravi Kumar, Faculty at IPM, Jaunpur.
  - Dr. Swati Srivastava, Faculty, Sacred Hearts, IBM, Sitapur.
  - Mr. Pawan Sahu, Branch Manager, STARWING commodities Pvt. Ltd., Varanasi.
  - Mr. Mahendra Yadav, Finance Manager, Kukreja Group, Mumbai.
  - Mr. Brijesh Mishra, Deputy Manager, ICICI Bank, Rudrapur, Uttarakhand.
  - Mr. Sarosh Gupta, SAP India, Bangalore.
  - Mr. Manish Kumar Singh, Assistant Vice-President, Unicon Securities Ltd., New Delhi.
  - Mr. Sudhir Kumar Sahi, Area Head, Aditya Birla Money Ltd.
  - Mr. Vivek Gupta, SBI, Lucknow
  - Ms. Shivi Rai, Probationary Officer, Union Bank of India, Lucknow.
  - Mr. Anmol Srivastava, NTPC, Patna.
  - Mr. Anand Gupta, Indus Bank, Dubai.
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
45. List the teaching methods adopted by the faculty for different programmes.
- Case study
  - Role model
  - Industrial visit
  - Presentation
  - 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.
- Bapu Bazar,
  - Sports,
  - Cultural activities,
  - Social cause programme like blood donation programme etc.



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 processes
- C. Opportunities:
- j. Increasing demand for financial analyst and advisor
  - k. Scope for budding entrepreneur in small and medium enterprises
  - l. Infrastructural support facility for undergoing research
  - m. Nodal center for carpet study
  - n. Opportunity for students research as many new concepts have been in force
- D. Challenges:
- o. Educationally backward area
  - p. Delay in admission process
  - q. Students have no prior exposure
  - r. Retention of faculty
  - s. 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 & TECHNOLOGY (UNSIET)

### DEPARTMENT OF MECHANICAL ENGINEERING

1. Name of the Department Mechanical 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) |
|------------------------|-----------------------------|----------|------------------------|
| Professor              | 02 (1REGULAR+1 CONTRACTUAL) | NIL      | NIL                    |
| Associate Professors   | 04(1REGULAR +3CONTRACTUAL)  | NIL      | NIL                    |
| Asst. Professors       | 10 (1 REGULAR+ 9 CONTRACT)  | 1REGULAR |                        |
| Others , Guest Faculty |                             | 05       |                        |

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) Er Ravi Prakash        | B.Tech (Electronics & Tally Communication)<br>M.Tech (Electronics Engg.) | Assistant Professor                  | Communication Technology | 16                         | None  |
| (2) Er. Deep Prakash Singh | B.Tech (Mechanical Engineering)<br>M.Tech (Thermal Engineering)          | Assistant Professor as Guest Faculty | Thermal Engineering      | 2.4                        |   |

| Name                       | Qualification  | Designation                          | Specialization           | No. of Years of Experience | No. of Ph.D./M.Phil. students guided for the last 4 years |
|----------------------------|--|--------------------------------------|--------------------------|----------------------------|---|
| (1)Er Ravi Prakash         | B.Tech (Electronics & Tally Communication)<br>M.Tech (Electronics Engg.) | Assistant Professor                  | Communication Technology | 16                         | None  |
| (2) Er. Deep Prakash Singh | B.Tech (Mechanical Engineering)<br>M.Tech (Thermal Engineering)          | Assistant Professor as Guest Faculty | Thermal Engineering      | 2.4                        |   |
| (3) Er. Aparna Singh Gaur  | B.Tech (Mechanical Engineering)<br>M.Tech (Thermal Engineering)          | Assistant Professor as Guest Faculty | Thermal Engineering      | 2.4                        |   |
| (4) Er. Pramod Kumar       | B.Tech (Mechanical Engineering)<br>M.Tech (Thermal Engineering)          | Assistant Professor as Guest Faculty | Thermal Engineering      | 4                          |   |
| (5)Er. Awadhesh Kumar      | B.Tech (Mechanical Engineering)<br>M.Tech (Civil Engineering)            | Assistant Professor as Guest Faculty | Power Plant Engineering  | 1<br>0.2                   |   |
| (6)Er.Rahul Singh          | Integrated B.Tech and M.Tech.(Mechanical Engineering)                    |                                      | Thermal 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      |

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  
state recognition **none**  
national recognition **none**

22. international recognition **none**

23. Special research laboratories sponsored by / created by industry or corporate bodies **none**

24. 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**

25. Details of patents and income generated **None**

26. Areas of consultancy and income generated -**None**

27. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -**None**

28. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify) -**None**

29. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). -**None**

30. 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

31. Awards / recognitions received at the national and international level by

- Faculty -**None**
- Doctoral / post doctoral fellows -**None**
- Students -**None**

32. Seminars / Conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. -**None**

33. Code of ethics for research followed by the departments

34. Student profile programme-wise:

| Name of the Programme<br>(refer to question no. 4) | Applications<br>received | Selected |        | Pass percentage |        |
|--|--------------------------|----------|--------|-----------------|--------|
|  |                          | Male     | Female | Male            | Female |
| B.Tech.(Mech.)                                     | Through UPSEE            |          |        |                 |        |
| 2012   | Through UPSEE            | 49       | 10     | 100%            | 100%   |
| 2013   | Through UPSEE            | 55       | 05     | 100%            | 100%   |
| 2014   | Through UPSEE            | 52       | 08     | 100%            | 100%   |
| 2015   | Through UPSEE            | 58       | 01     | 100%            | 100%   |

35. Diversity of students

| Name of the Programme<br>(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>B.Tech (Mechanical engineering)</b>             | <b>Not applicable</b>                  | <b>Not applicable</b>                                  | <b>Not applicable</b>                             | <b>Not applicable</b>              |
|  |  |  |   |                                    |

36. 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)         | Deepak prajapati    | (OBC) |
| Prateek pathak (UR)         | Bhupendra yadav     | (OBC) |
| Yatendra prasad (SC)        | Jetandraverma       | (OBC) |
| Sarfaraj ahamad idrisI(OBC) | Navneet Kumar Verma | (OBC) |
| Susheel kumar (OBC)         | Zishan Ahmad        | (UR)  |
| Sujeet kumar (OBC)          |                     |       |

37. Student progression

| Student progression             | Percentage against enrolled |
|---------------------------------|-----------------------------|
| UG to PG                        | <b>none</b>                 |
| PG to M.Phil.                   | <b>none</b>                 |
| PG to Ph.D..                    | <b>none</b>                 |
| Ph.D.. to Post-Doctoral         | <b>none</b>                 |
| Employed                        | <b>none</b>                 |
| • Campus selection              |                             |
| • Other than campus recruitment |                             |
| Entrepreneurs                   |                             |

38. Diversity of staff

| Percentage of faculty who are graduates  |             |
|--|-------------|
| of the same university                   | <b>75%</b>  |
| from other universities within the State | <b>25%</b>  |
| from universities from other States      | <b>none</b> |
| from universities outside the country    | <b>none</b> |

39. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - **none**

40. 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**

41. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university **none**
- from other institutions/universities **none**

42. Number of post graduate students getting financial assistance from the university. **none**

43. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **none**

44. 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 , time to time changes are introduced through board of studies**
- 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**
- 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**

45. List the distinguished alumni of the department (maximum 10)

- |   |                                    |
|---|------------------------------------|
| (1) Neeraj kumar singh (Barbara Shipping Corporation) | (5) Ravi Singh (Honda japan)       |
| (2) Vivek Misra (ISRO Bangalore )                     | (6) Pawan singh (Honda india)      |
| (3) Bhupendra Singh (RVNL UP)                         | (7) Vipul Chobay (L&T)             |
| (4) Prateek Pathak (Weather ford international )      | (8) Yash Solanki (JP hadro bhutan) |
|   | (9) Chandra shekhar yadav (L&T)    |
|   | (10) shahid raza (kilosker india)  |

Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

46. List the teaching methods adopted by the faculty for different programmes.

47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

48. Highlight the participation of students and faculty in extension activities.

49. Give details of “beyond syllabus scholarly activities” of the department. Expert lectures from industry expert, visit to deferent industries

50. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. NONE

51. 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

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strength-**(1) Every year a lot of students qualify GATE examination.

(2) Many national and international research papers are published by faculty and students.

(3) Well furnished laboratories.

**Weakness-**(1) Lack of faculty at higher level

(2) Poor industrial environment in nearby 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) To develop in rural area.

(2) Lack of government polices to create regular teaching post for sufficient no of faculties to be appointed.

53. Future plans of the department.

1 To introduces B.Tech part time course in Mechanical Engineering and M.Tech (CAD/CAM)

## DEPARTMENT OF ELECTRICAL ENGINEERING

### 1- About the Institute / Department-

The Department was established in 1997 to cater the needs of B. Tech 1<sup>st</sup> year students. The Electrical Engineering discipline aims to provide quality education with stress on strong foundation and thorough understanding of the basic principle that underlie modern electrical and electronics technology. With an emphasis on green technology, the discipline pursues a holistic approach in ensuring that the students are sensitive to the environmental, safety and economic context of their coursework. The department is highly benefitted by the latest teaching aids. Developing is the motto that the discipline encourages. At par, we are improving ourselves to become best university in our country.

### 2- Faculty Members-

1. Name: - MrRajnishBhasker
  - i. Designation:- Assistant Professor & Head
  - ii. Specialization:- Control & Instrumentation
2. Name:- JP Lal
  - i. Designation:- Assistant Professor (Contract)
  - ii. Specialization:- Power System
3. Name:- Satyam Kumar Upadhyay
  - i. Designation:- Assistant Professor (Guest Faculty)
  - ii. Specialization:- Power System
4. Name:- Umesh Pandey
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Power System
5. Name:- Kamlesh Kr Bhartiya
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Power Electronics & Drive
6. Name:- Ms Jaya Shukla
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Power System
7. Name:- MsDeepshikha
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Power Electronics & Drive
8. Name:- MrGulab Chand Yadav
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Control & Instrumentation
9. Name:- MrAvinashMaurya
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Power Electronics & Drive
10. Name:- Mr Arvind Parjapati
  - i. Designation:- Assistant Professor (Guest)
  - ii. Specialization:- Power System

### 3- Laboratories in the Department-

The Department is equipped with followinglaboratory and workshop facilities:-

1. Electrical Machine Lab
2. Power Electronics Lab
3. Basic Electrical Lab
4. Simulation Lab
5. E lectrical Inst. lab

### 4- Computing facilities and other infrastructure

Total number of class rooms -03

Computer lab- Yes (Simulation Lab) + Internet Facility

### 5- Future Plans of The Department-

The Department is looking forward to develop smart classes with e-learning facility, Stablishing New Laboratories etc.

**6- Research and Publications of the Department-**

Number of papers published– **10**

**7- Student Activities-**

Department has organizes following workshops in past years

1. Ethical Hacking
2. Robotics Workshop

**8- Guest Speech-**

❖ Prof. B.P. Singh, Delhi University.

**9. Societal Programs** – Remedial Coaching&PreranaCoaching run by students for poor children.

**10. Prohibitions & Bans-** Nil

**11. Co- curricular & extracurricular activities-**Counter Strike, Engineer’s Day,



## DEPARTMENT 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 **No**
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<br>(2) Electrical Engineering<br>(3) Electronics & Instrumentation Engg<br>(4) Mechanical Engg |
| 2     | ECS-151      | Computer Programming Lab            | (1) Electronics & Communication Engg<br>(2) Electrical Engineering<br>(3) Electronics & Instrumentation Engg<br>(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            | <b>01</b>  | NIL    | Nil                          |
| Associate Professors | <b>01</b>  | NIL    | Nil                          |
| Asst. Professors     | <b>01</b>  | 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      | Prashant Kr. Yadaw  | M. Tech       | Guest Lecturer | Operating System, Theory of autometa & formal language, Cryptography & Network Security.            | 3                         | NIL  |
| 2      | Shakil Ahmad Ansari | M.Tech        | Guest Lecturer | Artificial Intelligence, Distributed System, Design And Analysis of Algorithms, Discrete Structure. | 4.5                       | NIL  |

|   |                   |        |                |  |   |     |
|---|-------------------|--------|----------------|--|---|-----|
| 3 | Balbir kashyap    | M.Tech | Guest Lecturer | Computer Network, Operating System.                          | 2 | NIL |
| 4 | Dileep Kr. Yadav  | M.Tech | Guest Lecturer | Database ManagemntSystem, Cryptoghraphy and Network Security | 7 | NIL |
| 5 | Ankita Srivastava | M.Tech | Guest Lecturer | O.S Computer Network,Distributed System.                     | 1 | NIL |
| 6 | Deepti Panday     | M.Tech | Guest Lecturer | Software Engineering   | 2 | NIL |

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors- Yes**

| Sr. No | Name & Designation | Current Postal Address  | Contact No. |
|--------|--------------------|---|-------------|
| 1      | Prof. Satya Singh  | Deptt. Of Computer Application, MGK Vidyapeeth University, Varanasi | 8005434558  |
| 2      | Dr. P.K. Mishra    | Deptt. Of CSE, IIT BHU, Varanasi                                    | 9451227115  |
| 3      | Dr. S.K. Singh     | Deptt. Of CSE, IIT BHU, Varanasi                                    | 9554321133  |

**13. Percentage of classes taken by temporary faculty – programme-wise information 100%**

**14. Programme-wise Student Teacher Ratio 35:1**

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.-**

| Non-Teaching | Sanctioned | Filled |
|--------------|------------|--------|
| Programmer   | 1          | 1      |
| Clerk        | 1          | 1      |
| Peon         | 1          | 1      |

**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**

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
- National Recognition **None**
- International Recognition

**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 | SNI P | SJR | Impact Factor-Range/Average | H-index |
|--------|---------------------|--------------------------------|------------|-----------------|--------------|--|---|------------------------------|-------|-----|-----------------------------|---------|
| 1      | Prashant Kr. Yadav  | 2                              |            |                 |              |  |   |                              |       |     |                             |         |
| 2      | Shakil Ahmad Ansari | 7                              |            |                 |              |  |   |                              |       |     |                             |         |

|   |                   |    |  |  |  |  |  |  |  |  |  |  |
|---|-------------------|----|--|--|--|--|--|--|--|--|--|--|
| 3 | Balbir Kashyap    | -  |  |  |  |  |  |  |  |  |  |  |
| 4 | Dileep Kr. Yadav  | 1  |  |  |  |  |  |  |  |  |  |  |
| 5 | Ankita Srivastava | 1  |  |  |  |  |  |  |  |  |  |  |
| 6 | Deepti Panday     | 4  |  |  |  |  |  |  |  |  |  |  |
|   | Total             | 15 |  |  |  |  |  |  |  |  |  |  |

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) **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.**

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. **Nil**

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)                                 |                       | 39       | 08     | 100             | 100    |
| B.Tech(2012-13)                                 |                       | 35       | 11     |                 |        |
| B.Tech(2013-4)                                  |                       | 41       | 09     |                 |        |
| B.Tech(2014-15)                                 |                       | 42       | 11     |                 |        |
| B.Tech(2015-16)                                 |                       | 38       | 11     |                 |        |

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                     | 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% |

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         | Lokendra Tiwari | 2012    | General  |
| GATE         | Divya Singh     | 2012    | General  |
| GATE         | Vivek Ranjan    | 2013    | General  |

35 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                   | <b>50%</b> |
| from other universities within the State | <b>50%</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: **None**

e) Students' laboratories : **1 Computer Lab**

f) Research laboratories : **0**

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. - **Zero**

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  | Tony 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 | Vishal Yadav         | Sr. Web Analyst in Noida.                                     |

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**

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.

- **Students participate in technical and cultural events at university level& outside the university.**
- **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.**

**Winnersof online quiz isgiven below-**

| First  | Second  | Third  |
|--|---|--|
| (1) Alok kr. Singh (ME 2 <sup>nd</sup> Year, 212441)<br>(2) Brijesh Kr. Singh<br>(ME 2 <sup>nd</sup> Year, 212428) | (1) Shreyansh Vatsyayan (ME 2 <sup>nd</sup> Year, 213421)<br>(2) Birendra S. Yadav (ME 1 <sup>st</sup> Year, 213442 ) | (1) Ashutosh Kr. Singh(CSE 3 <sup>rd</sup> Year, 211441)<br>(2) Priya Singh<br>(CSE 3 <sup>rd</sup> Year, 211404 ) |

- **Students involve in imparting free educational program “Prerana” since 2014-15 for poor and rural studentsnearby University Campus.The name of the students who involves in this teaching program isgiven 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 2nd 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) .

A one week workshop "Numerical Computation using MATLAB" was jointly organised by Departments of Mathematics and Computer Science and Engineering, Faculty of Engineering and Technology, Veer Bahadur Singh Purvanchal University, Jaunpur during 26-30 November, 2015.Invited resource persons were Dr. Sushil Kumar, SVNIT, Surat, Dr. Sarvesh Kumar, Indian Institute of Space Science and Technology, Trivendrum, Keral, Dr. Navneet

Kumar Singh, MNNIT Allahabad, UP, and Dr. M.K. Singh, BHU, Varanasi. Participants were 153 students from B. Tech degree courses and 52 teachers of UG and PG courses running in campus. Chairman of the organising committee was Prof. B.B. Tiwari, Dean, Faculty of Engineering and Technology, and conveners were Dr. Raj Kumar, Head, Department of Mathematics, Dr. Sanjeev Gangwar, Head, Department of Computer Science and Engineering while organizing Secretary was Dr. Santosh Kumar, Head, Department of Physics.

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.

| <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. Weak research facilities like Journals, research laboratories etc. |
| 4. Enriched Library with journal and books.  | 4. Absence of alumni network  |
| 5. The students are given adequate Opportunity to participate in co-curricular activities. | 5 Lack of Conference/ Seminar room                                    |

| <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.

**DEPARTMENT OF ELECTRONICS & COMM. ENGG AND ELECTRONICS &  
INSTRUMENTATION 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) |
|----------------------|------------|--------|------------------------|
| Professor            | 1          | 1      | 1                      |
| Associate Professors | 0          | 0      | 1                      |
| 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
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 -
  - f) National collaboration b) International collaboration- Nil
  - g) 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. - Nil
31. Code of ethics for research followed by the departments - NA
32. Student profile programme-wise:

| Name of the Programme<br>(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<br>(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 <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul> |                             |
| Entrepreneurs  |                             |



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       | 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**

- Highly qualified (Ph.D. and M.Tech) Teachers present in the department.
- Labs are well equipped.
- Syllabus in tune with current industrial requirement of new technologies in emerging area.
- Regular workshop and seminar organized for the student.
- Library/Internet facilities for the student.

**Weaknesses**

- There is no PG program started as yet, the proposal is pending with State Government..
- The cumulative effect of above weaknesses directly affect R&D, consultancy and collaborative program.

3).Shortage 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 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 **No**
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<br>(6) Electrical Engineering<br>(7) Electronics & Instrumentation Engg<br>(8) Mechanical Engg |
| 2     | ECS-151      | Computer Programming Lab            | (5) Electronics & Communication Engg<br>(6) Electrical Engineering<br>(7) Electronics & Instrumentation Engg<br>(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            | 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 | No. of Ph.D./M/Phil. Student guided for the last 4 Years |
|--------|-------------------|---------------|----------------|---|---------------------------|--|
| 1      | Ashok Kr. Yadav   | M. Tech       | Guest Lecturer | Operating System, DBMS, Cryptography & Network Security | 3.0                       | NIL  |
| 2      | Atif Mahmood      | M.Tech        | Guest Lecturer | Software Engineering                                    | 3.8                       | NIL  |
| 3      | Santosh Kr. Yadav | M.Tech        | Guest Lecturer | DBMS, Computer Network, Data structure                  | 3.0                       | NIL  |
|        |                   |               |                | Distributed System,                                     | 5.0                       | NIL  |

|   |                      |        |                |                            |     |     |
|---|----------------------|--------|----------------|----------------------------|-----|-----|
| 4 | Gyanendra Kr. Pal    | M.Tech | Guest Lecturer | Software Engineering       |     |     |
| 5 | Jaychand Vishwakarma | M.Tech | Guest Lecturer | DBMS, TALF, Data Sturcture | 3.5 | NIL |

**12.**List of senior Visiting Fellows, adjunct faculty, emeritus professors- Yes

| Sr. No | Name & Designation | Current Postal Address  | Contact No. |
|--------|--------------------|---|-------------|
| 1      | Prof. Satya Singh  | Deptt. Of Computer Application, MGK Vidyapeeth University, Varanasi | 8005434558  |
| 2      | Dr. P.K. Mishra    | Deptt. Of CSE, IIT BHU, Varanasi                                    | 9451227115  |
| 3      | Dr. S.K. Singh     | Deptt. Of CSE, IIT BHU, Varanasi                                    | 9554321133  |

**13.**Percentage of classes taken by temporary faculty – programme-wise information **100%**

**14.**Programme-wise Student Teacher Ratio 24:1

**15.**Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.-

| Non-Teaching Programmer | Sanctioned | Filled |
|-------------------------|------------|--------|
|                         | 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. – **Nil**

**18.**Inter-institutional collaborative projects and associated grants received **Nil**

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
- National Recognition **None**
- International Recognition

**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 | SJR | Impact Factor-Range/Average | H-index |
|--------|----------------------|--------------------------------|------------|-----------------|--------------|--|---|--------------------------------|-----|-----------------------------|---------|
| 1      | Ashok Kr. Yadav      | 1                              |            |                 |              |  |   |                                |     |                             |         |
| 2      | Atif Mahmood         | 1                              |            |                 |              |  |   |                                |     |                             |         |
| 3      | Santosh Kr. Yadav    | 2                              |            |                 |              |  |   |                                |     |                             |         |
| 4      | Gyanendra Kr. Pal    | 2                              |            |                 |              |  |   |                                |     |                             |         |
| 5      | Jaychand Vishwakarma | 1                              |            |                 |              |  |   |                                |     |                             |         |
|        | Total                | 07                             |            |                 |              |  |   |                                |     |                             |         |

**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)

**Faculties are encouraged to attend Refresher/Orientation programs, workshops, short term courses, training programmes etc.**

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. **Nil**

31.Code of ethics for research followed by the departments. **Nil**

32.Student profile programme-wise:

| Name of the Programme<br>(refer to question no. 4) | 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     |                 |        |
| B.Tech (2012-13)                                   |                       | 29       | 09     |                 |        |
| B.Tech (2013-4)                                    |                       | 16       | 15     |                 |        |
| B.Tech (2014-15)                                   |                       | 13       | 05     |                 |        |
| B.Tech (2015-16)                                   |                       | 21       | 04     |                 |        |

34. Diversity of students:

| Name of the Programme       | % 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%                                 |

35. 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 |
|--------------|-----------------------|---------|----------|
| <b>GATE</b>  | Atif Mahmood          | 2011    | OBC      |
|              | Prashant Kr. Yadav    | 2011    | OBC      |
|              | Shraddha seth         | 2012    | General  |
|              | Nitesh Patel          | 2013    | OBC      |
|              | GyanPrakash Chaudhary | 2013    | General  |

36. Student progression

| <b>Student progression</b>      | <b>Percentage against enrolled</b> |
|---------------------------------|------------------------------------|
| UG to PG                        | <b>20%</b>                         |
| PG to M.Phil.                   | <b>Nil</b>                         |
| PG to Ph.D..                    | <b>Nil</b>                         |
| Ph.D.. to Post-Doctoral         | <b>Nil</b>                         |
| Employed                        |                                    |
| • Campus selection              | <b>Nil</b>                         |
| • Other than campus recruitment | <b>25%</b>                         |
| Entrepreneurs                   | <b>Nil</b>                         |
|                                 |                                    |

**37. Diversity of staff**

| <b>Percentage of faculty who are graduates</b> |            |
|--|------------|
| of the same university                         | <b>80%</b> |
| from other universities within the State       | <b>20%</b> |
| from universities from other States            | <b>0</b>   |
| from universities outside the country          | <b>0</b>   |

**38. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**                   **None**

**39. 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: **None**  
e) Students' laboratories               : **1 Computer Lab**  
f) Research laboratories               : **Nil**

**40. List of doctoral, post-doctoral students and Research Associates**

- a) From the host institution/university – **Nil**  
b) From other institutions/universities - **Nil**

**41. Number of post graduate students getting financial assistance from the university. - Zero**

**42. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. –N/A**

**43. 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**

**44. 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         | JuniorCyber Forensic Investigator, New Delhi           |

45. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**SPECIAL LECTURES  
WORKSHOP**

46. List the teaching methods adopted by the faculty for different programmes.

- **Lecture method**
- **Interactive method**
- **Student Seminars & Project**
- **Group Discussion**
- **Tutorial Session**

47. 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.

48. 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.

49. Give details of “beyond syllabus scholarly activities” of the department.

- Students participate in technical and cultural events at university level & outside the university.
- 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)    | (1) Shreyansh Vatsyayan (ME 2 <sup>nd</sup> Year, 213421) | (3) Ashutosh Kr. Singh (CSE 3 <sup>rd</sup> Year, 211441) |
| (4) Brijesh Kr. Singh (ME 2 <sup>nd</sup> Year, 212428) | (4) Birendra S. Yadav (ME 1 <sup>st</sup> Year, 213442)   | (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                 |
|-----------------|----------------------|
| 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 2nd 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).

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.

**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.**

**52.** 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. Poor placement of students                  |
| 9. Enriched Library with journal and books.   | 4. Absence of alumni network                   |
| 10. The students are given adequate Opportunity To participate in co-curricular activities. | 5 Lack of Conference/ Seminar room             |

| 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.                                     |

**53.** Future plans of the department.

Planned to submit research projects.

Plan to organize an national conference/seminar/workshop.

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**
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**
9. Participation of the department in the courses offered by other departments **B.Tech.Courses**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

|                      | Sanctioned | Filled     | Actual (including CAS)   |
|----------------------|------------|------------|--------------------------|
| Professor            | <b>Nil</b> | <b>Nil</b> | <b>Nil</b>               |
| Associate Professors | 01* (OBC)  | <b>Nil</b> | <b>Nil</b>               |
| Asst. Professors     | 01*        | 01* (SC)   | 01* (Direct Recruitment) |
| Others               | 02#        | <b>Nil</b> | <b>Nil</b>               |

\*Government sanctioned post, #Created under self- finance scheme

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. Santosh Kumar | M.Sc., NET(JRF), D.Phil. | Assistant Prof. & Head | Spectroscopy   | >12 (UG)                   | Nil   |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

List of Visiting Faculties invited for special lectures in the Department

1. **Prof. Ram Gopal**  
Professor, Department of Physics, University of Allahabad, Allahabad  
Allahabad, India
2. **Prof. Raghav Varma**  
Professor, Department of Physics, I.I.T. Mumbai

13. Percentage of classes taken by temporary faculty – program-wise information **Nil**
14. Program-wise Student Teacher Ratio **250:1 in B. Tech.**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

|                      | Sanctioned | Filled    | Actual    |
|----------------------|------------|-----------|-----------|
| Laboratory Assistant | <b>01</b>  | <b>01</b> | <b>01</b> |
| Laboratory Assistant | <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 **Applied for 1 minor research projects under UGC grant Rs. 1,60,800**
  - b) international funding agencies and **Nil**
  - c) Total grants received. **Nil**

Give the names of the funding agencies, project title and grants received project-wise.

18. Inter-institutional collaborative projects and associated grants received

7. National collaboration

**Nil**

8. 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 Nil

- state recognition
- national recognition
- international recognition

1. Special research laboratories sponsored by / created by industry or corporate bodies Nil

2. Publications:

- \* Number of papers published in peer reviewed journals (national / international)

10

- \* 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

3. Details of patents and income generated Nil

4. Areas of consultancy and income generated Nil

5. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad Nil

6. Faculty serving in Nil

a) National committees b) International committees

c) Editorial Boards

d) any other (please specify)

7. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

**Workshop organized**

| From      | To            | Name of the course | of the Sponsored by | From institute                                |
|-----------|---------------|--------------------|---------------------|---|
| Nov. 2010 | Nov. 13, 2010 | Better Engineer    | Self Financed       | Faculty of Engineering & Tech. VBS PU Jaunpur |

8. Student projects **Not Applicable since department does not provide any degree 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

9. Awards / recognitions received at the national and international level by

- Faculty Nil

- Doctoral / post doctoral fellows Nil

- Students Nil

10. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

**A workshopis organized**

| From | To | Name of the course | of the Sponsored by | From institute |
|------|----|--------------------|---------------------|----------------|
|------|----|--------------------|---------------------|----------------|

11. Code of ethics for research followed by the departments **As per standard norm**

12. Student profile program-wise: **Not Applicable**

| Name of the Programme<br>(refer to question no. 4) | Applications received | Selected |        | Pass percentage |        |
|--|-----------------------|----------|--------|-----------------|--------|
|  |                       | Male     | Female | Male            | Female |
|  |                       |          |        |                 |        |

13. Diversity of students **Not Applicable**

| Name of the Programme<br>(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 |
|--|--|--|---|------------------------------------|
|  |  |  |   |                                    |

14. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

**Not Applicable**

15. 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   |                             |

16. Diversity of staff

| Percentage of faculty who are graduates  |            |
|--|------------|
| of the same university                   | <b>NIL</b> |
| from other universities within the State | 100%       |
| from universities from other States      | <b>NIL</b> |
| from universities outside the country    | <b>NIL</b> |

17. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period **Not Applicable**

18. Present details of departmental infrastructural facilities with regard to

|   |                                  |
|---|----------------------------------|
| a) Library                                    | <b>Central/Institute library</b> |
| b) Internet facilities for staff and students | <b>Yes</b>                       |
| c) Total number of class rooms                | <b>04</b>                        |
| d) Class rooms with ICT facility              | Nil                              |
| e) Students' laboratories                     | <b>01</b>                        |
| f) Research laboratories                      | Nil                              |

19. List of doctoral, post-doctoral students and Research Associates **Not Applicable**

- a) from the host institution/university
- b) from other institutions/universities

20. Number of post graduate students getting financial assistance from the university. **NA**

21. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Not Applicable**

22. 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, teachers try to improve their teaching according to some modifications as required in feedback.**

- p. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- q. Alumni and employers on the programmes offered and how does the department utilize the feedback?
23. List the distinguished alumni of the department (maximum 10) **Not Applicable**
24. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
- I. Teachers provide Tutorials, Class notes etc. to the students.**
- II. Department actively cooperates in running Remedial Coaching for SC/ST/OBC and Minority funded by UGC.**
- III. In Engg. Campus एक छात्र एक पेड़ अभियान is implemented successfully.**
- IV. Special lectures were arranged for B.Tech Students by the eminent professors from other universities/ reputed institutes of India detail given below**
- | Sl. | Name& address of the speaker   | Topic of Special Lecture     | Date       |
|-----|--|------------------------------|------------|
| 1   | Prof. Ram Gopal, Deptt. of Physics, University of Allahabad, Allahabad | Laser and Raman Spectroscopy | 25-02-2014 |
| 2   | Prof. Raghava Varma, Deptt. of Physics. I.I.T. Mumbai                  | Large Hadron Colliders       | 17-04-2014 |
25. List the teaching methods adopted by the faculty for different programmes.  
**Classroom teaching/interaction with students through Tutorials**
26. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Getting positive feedback from the students.**
27. Highlight the participation of students and faculty in extension activities.
- I. Deptt. Participated in guidance of Engg. Students through National Service Scheme.
- II. Deptt. Participates in एक छात्र एक पेड़ अभियान through plantation and caring of plants in V.B.S. P.U. 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 VBS Purvanchal University Jaunpur w.e.f. 29/05/2015**
- IV. B.Tech Students are teaching to poor students of nearby villages. This programme was started under the guidance of Dr. Santosh Kumar, Head of Department. They have opened a free coaching Institute PRERNA running at a neighboring village of VBS PU Campus.
28. Give details of “beyond syllabus scholarly activities” of the department.  
National Science day (28 Feb.) is celebrated every year followed by extra curriculum activities like quiz, group discussions on social issues, Poster, competition etc.
29. State whether the programme/ department is accredited/graded by other agencies? If yes, give details. **No**
30. 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 motivate the students in making strategy for competitive examination.
31. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
- Strengths:**
- Department has a well-equipped laboratory.
  - All faculty members have full dedication to teach the students.
  - A good collection of books are available in the institute library.
  - All teachers of the Deptt. have more than 12 years teaching experience at UG level. Dr. Santosh Kumar, Head of Deptt. has qualified NET examination 2 times. These things prove good ability to teach the students at UG level.
- Weaknesses**
- Shortage of teacher is a measure weakness of the department. Only **one** permanent teacher is appointed in the department.

- b. Most of the admitted students belong to the socially and economically backward region of Uttar Pradesh so we have to do much effort in upgrading their knowledge.
- c. One post of Associate Professor in the Department is vacant from last 18 years.
- d. Poor research facilities.

**Opportunities:**

V.B.S. P.U. campus is located in rural backward area. If university appoints good teachers, then the university can provide opportunity to public residing in Purvanchal zone of Uttar Pradesh by giving them technical and professional education. The citizen of this area may become well educated.

**Challenges:**

We comparatively get a poor educated stuff of B. Tech. students. So we provide them extra classes on Sunday/Holidays. Remedial Coaching(funded by UGC) is running for SC/ST/OBC and Minority students studying in the university campus so that they can prepare themselves to compete in a normal fight of modern era. UGC Remedial Coaching became helpful for pass out students who were failed in different 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.

32. Future plans of the department.

In the next academic year 2016 department is going to organize a national symposium.

## DEPARTMENT OF CHEMISTRY

1. Name of the Department **Chemistry**
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 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 and 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**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

|                      | Sanctioned | Filled | Actual (including CAS) |
|----------------------|------------|--------|------------------------|
| Professor            | <b>NIL</b> |        |                        |
| Associate Professors | 01         | 01     |                        |
| Asst. Professors     | 01         | NIL    |                        |
| Others               | 02         | 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. Ashok Kumar Srivastava | M.Sc., Ph.D.. | Associate Prof. & Head       | Electro Analytical Chemistry | >18 Years                  | 01  |
| Dr Amrendra Kumar Singh    | M.Sc., Ph.D.. | <b>Lecturers on contract</b> | Organic Chemistry            | >15                        | NIL   |
| Dr Devendra Pratap Mishra  | M.Sc., Ph.D.. | <b>Guest Faculty</b>         | Natural Product Chemistry    | >01                        | NIL   |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Following visiting faculties were invited for special lectures and BOS in the Department

3. **Prof. Baliram**

Professor and Head  
Department of Chemistry  
BHU, Varanasi

4. **Prof. N.D. Pandey**

Professor in the Department of Chemistry  
MNIIT, Allahabad

13. Percentage of classes taken by temporary faculty – program-wise information

**70% 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

**02**

16. Research thrust areas as recognized by major funding agencies **NIL**

17. Number of faculty with ongoing projects from

a) National **Applied for 01 minor research projects under UGC grant of Rs. 1, 50,000 funded for XII plan**

b) International funding agencies and **NIL**

c) Total grants received.

Give the names of the funding agencies, project title and grants received project-wise.

| Title   | Major/<br>Minor | Period<br>(Months) | Total<br>Grant/Funding<br>received (Rs.) | Name of<br>Sponsoring/<br>Funding<br>Agency | Outcome<br>of<br>the<br>Project |
|---|-----------------|--------------------|--|---|---------------------------------|
| To investigate the Biological, Chemical & Toxicological Parameters of Water Pollution | Minor           | 12                 | 1,50,000                                 | UGC Innovation & Research Grant             | Applied in VBS PU Jaunpur       |

- Inter-institutional collaborative projects and associated grants received
- National collaboration **NIL**
- International collaboration **NIL**
- Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **NIL**

17. Research facility / Centre with

- state recognition
- national recognition
- international recognition **Yes**

18. Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

19. 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

20. Details of patents and income generated **NIL**

21. Areas of consultancy and income generated **NIL**

22. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **NIL**

23. Faculty serving in **NIL**

a) National committees b) International committees

b) Editorial Boards **NIL**

c) Any other (please specify)

24. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **Refresher / orientation programs**

25. 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

26.Awards /recognitions received at the national and international level by

- Faculty **NIL**
- Doctoral / post-doctoral fellows **Doctoral**
- Students **NIL**

27.Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

28.Code of ethics for research followed by the departments **As per standard norms**

29.Student profile program-wise: **Not Applicable**

| Name of the Programme<br>(refer to question no. 4) | Applications received | Selected |        | Pass percentage |        |
|--|-----------------------|----------|--------|-----------------|--------|
|  |                       | Male     | Female | Male            | Female |
|  |                       |          |        |                 |        |

30.Diversity of students **Not Applicable**

| Name of the Programme<br>(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 |
|--|--|--|---|------------------------------------|
|  |  |  |   |                                    |

31.How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Not Applicable**

32.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   |                             |

33.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    |  |

34.Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D. Litt. during the assessment period

35.Present details of departmental infrastructural facilities with regard to

- a) Library **Common**
- b) Internet facilities for staff and students **Yes**
- c) Total number of class rooms **06**
- d) Class rooms with ICT facility **NIL**
- e) Students' laboratories **YES**
- f) Research laboratories **YES**

36.List of doctoral, post-doctoral students and Research Associates

- a) From the host institution/university
- b) From other institutions/universities

**Not Applicable**

37.Number of post graduate students getting financial assistance from the university.

**Not Applicable**

38.Was any need assessment exercise undertaken before the development of new programme(s)? If



so, highlight the methodology.

**Not Applicable**

39. Does the department obtain feedback from

40. 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.**

41. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

42. 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)

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 contain 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.

44. List the teaching methods adopted by the faculty for different programmes.

**Classroom teaching/interaction with students through Tutorials/teaching through ICT /presentation by students**

45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Getting feedback from the students.**

46. 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 upgrade 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.**

47. 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.**

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.

**Department actively plays his role to encourage the students in making a well strategy for preparation of competitions.**

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

- e. 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.
- f. Department faculty provides Tutorials and Study material to the students. This material is also uploaded on university website.
- g. Department provides extra classes of GATE/NET preparation to B. Tech. students.
- h. We provide NET facility to students in classroom and in hostels.
- i. Department Participates in ``एक छात्र एक पेड़ अभियान'' through plantation and caring of plants in VBS PU Campus to enrich its greenery.

**Weaknesses:**

- e. UPSEE admitted students are from rural (Eastern UP) or financially weak background. So we have to do much effort in teaching to upgrade their knowledge.
- f. Shortage of regular teaching faculty causes a lot of administrative responsibilities on regular teachers. It affects their efficiency.
- g. 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.
- h. 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.
- i. No PG programme is running under the Department.
- j. Lack of Departmental conference room & Departmental Library.

**Opportunities:**

- a. VBS PU campus is located in rural backward area. If university appoints good teachers then, the university can provide opportunity for public residing in Purvanchal zone of UP by giving them technical and professional education. The citizen of this area may become well educated.
- b. 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.

**Challenges:**

- a) University is established in remote area of Purvanchal region.
- b) The transportation facility from Jaunpur city to University is very poor.
- c) More than 75% of the students belongs to below poverty line (BPL).
- d) There is no proper supply of electricity in University campus
- e) We comparatively get a poor educated stuff of B. Tech. students.

51. Future plans of the department.

- i. Proposal for PG Course in Industrial Chemistry. Due to this course Research activity will be promoted.
- ii. To establish well-furnished Departmental Library
- iii. To Work shop and National Conferences have been done in current academic year and next coming year

## DEPARTMENT OF MATHEMATICS

- 1.Name of the Department **Mathematics**
- 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 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, MBA and 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**
- 10.Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

|                      | Sanctioned     | Filled                            | Actual (including CAS)    |
|----------------------|----------------|-----------------------------------|---------------------------|
| Professor            | <b>NIL</b>     | <b>NIL</b>                        | <b>NIL</b>                |
| Associate Professors | <b>01 (SC)</b> | <b>NIL</b>                        | <b>NIL</b>                |
| Asst. Professors     | <b>03*</b>     | <b>01 (Permanent)+02 Contract</b> | <b>Direct Recruitment</b> |

\*At present, 02 Lecturers (01 OBC and 01 General) are working on contract basis against two posts created by 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., NET(JRF), Ph.D.. | Assistant Prof. & Head       | Partial Differential Equations | >11 (UG & PG)<br>3.5 (below UG) | NIL   |
| Dr. Uday Raj Prajapati | M.Sc., Ph.D..           | <b>Lecturers on contract</b> | Hypergeometric Series          | >13 (UG )                       | NIL   |
| Dr. Manoj Kumar Singh  | M.Sc., Ph.D..           | <b>Lecturers on contract</b> | Hypergeometric Series          | >13 (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

5. **Prof. S.N. Pandey**  
Formally, Professor and Head  
Department of Applied Sciences  
MMM Engineering College  
Gorakhpur-273010, India

M-9415386954

E .mail: [pandeysnp@yahoo.co.in](mailto:pandeysnp@yahoo.co.in)

**6. Prof. T. Som**

Professor in the Department of Mathematical Sciences

IIT BHU, Varansi

M-9807506555

E .mail: som\_tanmoy@yahoo.co.in

**7. Prof. H.S. Shukla**

Professor in Mathematics & Ex. Dean Faculty of Science

DDU Gorakhpur

Address: 743G, Professor lane, Ramjanki Nagar,

Basartpur Gorakhpur

0551-2502538

M-9451678201

**8. Dr. S.N. Pandey**

Associate Professor and Head

Department of Mathematics

MNNIT Allahabad, India

M-9451179741

**9. Dr. S.U. Siddique**

Associate Professor and Head

Department of Mathematics

HBTI Kanpur, India

**10. Prof. G.C. Sharma**

Ex.Professor and Head

Department of Mathematics

Kandari Campus

B.R. Ambedkar University University Agra

13. Percentage of classes taken by temporary faculty – program-wise information

**30% 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, **Applied for 2 minor research projects under UGC grant of Rs. 2,89,600 funded for XII plan**

b) International funding agencies and **NIL**

c) Total grants received. **Can be written after getting final sanction letter.**

18. 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  |
|--|-------------|-----------------|------------------------------------|------------------------------------|
| On Exact Solutions of (3+1)-Burgers' Equations using Similarity Transformations Method     | Minor       | 12              | 1,29,600                           | Innovation & Research Grant of UGC |
| Closed Form Solutions of Natural Convection in a Rectangular Enclosure by Using Similarity | Minor       | 18              | 1,60,800                           | Innovation & Research Grant of UGC |

|                        |  |  |  |  |
|------------------------|--|--|--|--|
| Transformations Method |  |  |  |  |
|------------------------|--|--|--|--|

19. Inter-institutional collaborative projects and associated grants received

h) National collaboration **NIL**

i) International collaboration **NIL**

20. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **2 minor research projects Ongoing funded by UGC**

21. Research facility / centre with **NIL**

- state recognition
- national recognition
- international recognition

22. Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

23. Publications:

\* Number of papers published in peer reviewed journals (national / international) **11**

\* 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 7.42**

\* SNIP

\* SJR

\* Impact Factor – range / average **Detail is attached in faculty self assessment report**

\* h-index **03, Citations 15**

24. Details of patents and income generated **NIL**

25. Areas of consultancy and income generated **NIL**

26. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad **NIL**

27. Faculty serving in **NIL**

a) National committees b) International committees

c) Editorial Boards

d) Any other (please specify)

**Reviewer in SCI Journal Computers & Mathematics with Applications (Elsevier)**

28. 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.     | Nov. 10, 2010 | Nov. 13, 2010 | Better Engineer      | Self Financed                 | Faculty of Engineering & Tech. VBS PU Jaunpur |
| 2.     | 28 Feb. 2014  | 28 Feb. 2014  | National Science Day | Purvanchal University Jaunpur | VBS Purvanchal University Jaunpur             |

29. 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

30. Awards / recognitions received at the national and international level by

- Faculty **NIL**
- Doctoral / post doctoral fellows **NIL**
- Students **NIL**

31. 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      | Self Financed                 | Faculty of Engineering & Tech. VBS PU Jaunpur |
| 2.     | 28 Feb. 2014  | 28 Feb. 2014  | National Science Day | Purvanchal University Jaunpur | VBS Purvanchal University Jaunpur             |

32. Code of ethics for research followed by the departments

**As per standard norms**

33. Student profile program-wise:

**Not Applicable**

34. Diversity of students

**Not Applicable**

35. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

**Not Applicable**

36. 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   |                             |

37. 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    |  |

38. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D. Lit. during the assessment period

**Dr. Raj Kumar (Nov. 2014)**

39. 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**

40. List of doctoral, post-doctoral students and Research Associates **Not Applicable**

- a) from the host institution/university
- b) from other institutions/universities

41. Number of post graduate students getting financial assistance from the university.

**Not Applicable**

42. Was any need assessment exercise undertaken before the development of new programme(s)? If

so, highlight the methodology.

NIL

43. 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?

*Yes, teachers always try to improve their teaching ability according to some modifications as required in feedback.*

s. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

t. Alumni and employers on the programmes offered and how does the department utilize the feedback?

44. List the distinguished alumni of the department (maximum 10)

Not Applicable

45. Give details of student enrichment programmes (special lectures/ workshops/seminar) involving external experts.

V. Department faculty provides Tutorials and Study materials to the students. The material is also uploaded on the university website.

VI. 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.

VII. 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.

VIII. **In Engg. Campus "एक छात्र एक पेड़ अभियान" is implemented successfully (2014-2015) and it has upgraded the greenery of whole campus.** Dr. Raj Kumar (Head of Deptt.) works as a leading component of the mission.

IX. 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.

X. **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, Kerala (3-4 Dec'2014) on the topic: Linear Algebra, ODE's and Numerical Integrations, and **Prof. O. P. Singh**, Head, Department of Sciences, IIT BHU, Varansi (9 April Dec'2014) on the topic: Development of Calculus.

List the teaching methods adopted by the faculty for different programmes. A one week workshop "Numerical Computation using MATLAB" was jointly organised by Departments of Mathematics and Computer Science and Engineering, Faculty of Engineering and Technology, Veer Bahadur Singh Purvanchal University, Jaunpur during 26-30 November, 2015. Invited resource persons were Dr. Sushil Kumar, SVNIT, Surat, Dr. Sarvesh Kumar, Indian Institute of Space Science and Technology, Trivendrum, Kerala, Dr. Navneet Kumar Singh, MNNIT Allahabad, UP, and Dr. M.K. Singh, BHU, Varanasi. Participants were 153 students from B. Tech degree courses and 52 teachers of UG and PG courses running in campus. Chairman of the organising committee was Prof. B.B. Tiwari, Dean, Faculty of Engineering and Technology, and conveners were Dr. Raj Kumar, Head, Department of Mathematics, Dr. Sanjeev Gangwar, Head, Department of Computer Science and Engineering while organizing Secretary was Dr. Santosh Kumar, Head, Department of Physics.

**Classroom teaching/interaction with students through Tutorials/teaching through ICT /presentation by students**

47. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **Getting feedback from the students.**

48. Highlight the participation of students and faculty in extension activities.

V. **Deptt. Participates in NSS by guiding to the students of Engg.**

VI. **Deptt. Participates in “एक छात्र एक पेड़ अभियान” through plantation and caring of plants in VBS PU Campus to upgrade its greenery.**

VII. **Dr. Raj Kumar, Head of 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**

VIII. B. Tech Students are teaching to **poor students from nearby villages** since **Feb. 2014**. Coaching runs under the guidance of Dr. Raj Kumar, Head of Deptt. 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.

49. 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.**

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.

**Dr. Raj Kumar, Head of Deptt. actively plays his role to encourage the students in making a well strategy for preparation of competitions/ career.**

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths:**

j. 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.**

k. 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.

l. Department **provides some extra classes for GATE/NET preparations** to B. Tech. students.

m. We provide **NET facility to students** in classroom and in hostels.

n. Deptt. Participates in “एक छात्र एक पेड़ अभियान” through plantation and caring of plants in VBS PU Campus **to enrich its greenery.**

**Weaknesses**

k. 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.**

l. 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 is yet to be promoted through CAS. One post of Associate Professor in the Department is vacant from last 14 years.**

m. 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.**

n. 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.

o. Poor research facilities.

**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 staff 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.

**53.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 : MCA
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)
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: YES
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

|                      | Sanctioned | Filled | Actual (including CAS) |
|----------------------|------------|--------|------------------------|
| 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...                   | Sr. Lecturer    | Data Mining                     | 14                         | 4   |
| Mr. Surjeet Yadav      | M.Sc.(CS), Ph.D...(Persuing)       | Sr. Lecturer    | Algorithm                       | 14                         | Nil   |
| Dr.Noopur Tiwari       | MCA, Ph.D...                       | Sr. Lecturer    |                                 | 14                         |   |
| Mr. Sanjeev Gangwar    | MCA, M.Phil(CS), Ph.D...(Persuing) | Lecturer        | Operaing System, Ad Hoc network | 9                          | Nil   |
| Dr. Munindra Kr. Singh | MCA, Ph.D...                       | Lecturer        | GridComputing                   | 8                          | Nil   |
| Mr. Santosh Kumar      | M. Tech.                           | Lecturer(Guest) | Software Eng.                   | 2                          | NIL   |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors-
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: NA
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. : NA
18. Inter-institutional collaborative projects and associated grants received

- j) National collaboration b) International collaboration : NA
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. NA
20. Research facility / centre with : NA
- state recognition
  - national recognition
  - international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies NA
22. Publications:
- \* 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
  - \* 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 : 795
  - \* SNIP
  - \* SJR
  - \* Impact Factor – range / average : 18.04
  - \* h-index : 17
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) 25 in Editorial Board
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.
31. Code of ethics for research followed by the departments
32. Student profile programme-wise:

| Name of the Programme<br>(refer to question no. 4) | Applications received | Selected |        | Pass percentage |        |
|--|-----------------------|----------|--------|-----------------|--------|
|  |                       | Male     | Female | Male            | Female |
| 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      |                 |        |

| Name of the Programme<br>(refer to question no. 4) | Applications received | Selected |        | Pass percentage |        |
|--|-----------------------|----------|--------|-----------------|--------|
|  |                       | Male     | Female | Male            | Female |
| 2014-15  | Through UPSEE         | 25       | 4      |                 |        |

33. Diversity of students(MCA)

| Name of the Programme | % 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 |
|-----------------------|--|--|---|------------------------------------|
| 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                                |

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                        |                             |
| 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..-01

38.Present details of departmental infrastructural facilities with regard to

- Library
- Internet facilities for staff and students -yes
- Total number of class rooms-03
- Class rooms with ICT facility-nil
- Students' laboratories -01
- Research laboratories -nil

39.List of doctoral, post-doctoral students and Research Associates

- from the host institution/university
- from other institutions/universities

40.Number of post graduate students getting financial assistance from the university.

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?
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- 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) Aniruth shukla
- (2) Ashish Upadhyay
- (3) Madhukar Jain
- (4) Sudha Sharma
- (5) Abhishek Srivastava
- (6) Anil Jaiswal
- (7) Ashish Yadav
- (8) Rishi Srivastava
- (9) Vikas Chaurasia
- (10) Niharika Srivastava

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

45. List the teaching methods adopted by the faculty for different programmes.

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.

48. Give details of “beyond syllabus scholarly activities” of the department.

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) Well core faculty members
- (2) Well equipped computer lab with latest software
- (3) Well documented enriched library with books, journals, magazines etc
- (4) To assist students for summer training and project training
- (5) Provides assistance to the students in their career development through effective counseling

**Weaknesses**

- (1) No separate building for MCA course
- (2) Lack of smart class room
- (3) No conference room in the department

**Opportunities**

- (1) Conducting seminar/conference
- (2) Sponsored projects UGC/AICTE
- (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 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. **NO**  
 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<br>(refer to question no. 4) | Applications<br>Received | Selected<br>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<br>(Refer to question no 4) | % of students<br>from the<br>same<br>university | % of students<br>from other<br>universities<br>within the state | % of students<br>from<br>universities<br>outside the<br>state | % of<br>students<br>from other<br>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

- g) Library **Available**
- h) Internet facilities for staff and students **Available**
- i) Total number of classrooms **04**
- j) Classroom with ICT facility **Nil**
- k) Students' laboratories **12**
- l) 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

- h) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes
- i) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes
- j) 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.

- Oral presentation
- Power point presentation
- Model teaching
- Student participation
- Teaching through assignment base system.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Making lecture plan and monitoring.
- Presentation by students
- Class Tests
- Sessional Tests

47. Highlight the participation of students and faculty in extension activities.

- Pharmacy awareness to villager during National Pharmacy Week
- Blood donation camp
- Physical check up camp for village public.

48. Give details of "beyond syllabus scholarly activities" of the department

- 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

| Strengths          | Weaknesses                  | Opportunities             | Challenges           |
|--------------------|-----------------------------|---------------------------|----------------------|
| 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

- M. Pharm. / Pharm. D. Courses
- 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) |
|------------------------|------------|-----------|------------------------|
| 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>02</b> | <b>02</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                        | 15years and 9 months       | 02  |
| 2.Subhash Verma     | MA,JRF        | Guest Lecturer | OB & HRM                        | nil                        |   |
| 3.Harikesh Kumar    | MA,MPhil,PhD  | GuestLecturer  | Clinical, and Health Psychology | nil                        |   |

- 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      | Mr Subhash Verma  | 23.07     |
| MA      | Dr Harikesh Kumar | 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

k) 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) -**13**
- \* 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. Sachin Jain** : 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**

- Cirecie West Olatunji, Ph.D., President, American Counseling Association

- Jeannine R. Studer, Professor, The University of Tennessee
- Dr. John Yasenchak, Husson University.
- Dr. Steve Bieber, Department Chair, Statistics, University of Wyoming.
- Pam McMahon, Ph.D., NCC, CHt., Behavioral Health-Tucson
- Dr. Anneliese Singh, Ph.D., The University of Georgia.
- Dr. Sachin Jain : Chair- American Counselling Association- international Program

3. International Meet on Collaboration with American Universities and International Conference on Counselling and Community Psychology 17-19 December, 2011(UGC)

Resource Persons

- Dr. Bradley Erford, President-elect, American Counseling Association.
- Dr. Steven Farmer, University of North Texas,
- Dr. Sachin Jain, Oakland University,
- Dr. Wendy Hoskins, University of Nevada,
- Dr. Judith Ann Erford, Loyola University Maryland
- Dr. Kelly Duncan, University of South Dakota
- Ms. Carly Ann Heard, University of South Dakota
- Ms. Amber Brooke Groh, University of South Dakota
- 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<br>(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 | % 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.                   | 12                          |
| PG to Ph.D..                    | 07                          |
| Ph.D.. to Post-Doctoral         | 01                          |
| Employed                        | 25%                         |
| • Campus selection              |                             |
| • Other than campus recruitment |                             |
| Entrepreneurs                   |                             |

36. Diversity of staff

| Percentage of faculty who are graduates  |       |
|--|-------|
| of the same university                   | none  |
| 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

- 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?
- 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)

| Name                      | Position          | Organisation & Place      |
|---------------------------|-------------------|---------------------------|
| 1. Dr. Sachin Jain        | Asst. Prof.       | Oakland University U.S.A. |
| 2. Pratyush Kr 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. National Seminar on Emerging Trends in Applied Psychology, 11<sup>th</sup> & 12<sup>th</sup> Feb. 2014
2. International Workshop on Counselling Skills in Health Profession and Schools 23-26 October 2013
3. International Meet on Collaboration with American Universities and International Conference on Counselling and Community Psychology 17-19 December, 2011
4. Special lecture by Prof. PC Mishra on topic "Stress and Health" on 22/09/2015.
5. Special lecture by Prof. NS Tung on "Multiple regression analysis and discriminant functional analysis" on 11/09/2015.
6. Special lecture by Prof. CB Dwevedi BHU Varanasi, on "Indian Psychology" on 14/03/2015.
7. Special lecture by Dr. Anjali Guta, Noormanzil Psychiatric Centre, on "Training programs in Clinical Psychology" on 05/02/2015.
8. Special lecture by Dr. Avneesh Agrawal, Lucknow, on "Communication skills and personality development" on 06/02/2015.

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. Inadequate maintenance of labs 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 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) |
|----------------------------|------------|--------|------------------------|
| 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,M J. Ph.D. | Assistant Professor contract | Print Media,Development Comm.,Advertising | 20                         |   |
| 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

- l) 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) 28
  - \* 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
0. 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 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**
- 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.
1. Workshop on Video Programme Production 25-26 Nov 2011 funded by UGC.
  2. 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<br>(refer to question no. 4) | Applications<br>received | Selected |        | Pass percentage |        |
|--|--------------------------|----------|--------|-----------------|--------|
|  |                          | Male     | Female | Male            | Female |
| M A 2011-12  | 24                       | 20       | 02     |                 |        |



| Name of the Programme<br>(refer to question no. 4) | Applications received | Selected |        | Pass percentage |        |
|--|-----------------------|----------|--------|-----------------|--------|
|  |                       | Male     | Female | Male            | Female |
| 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 | % 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                        | 28%                         |
| • Campus selection              |                             |
| • 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

- Library - no
- Internet facilities for staff and students - yes
- Total number of class rooms - 02
- Class rooms with ICT facility- 01
- Students' laboratories - 01
- Research laboratories - Nil

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. 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

- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
- students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
- 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 EditorPatrika News paper Indore MP.            |
| 8.Kubool Ahamad, ReporterLok Swami News MagazineNew Delhi.            |
| 9. Krishna Kumar Tiwari ,Asstt Prof Amity UniversityNoida             |
| 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.

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.
50. 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.
51. 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
52. 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.