



Academic Session 2019-20



वीर बहादुर सिंह पूर्वाञ्चल विश्वविद्यालय, जौनपुर (उ०प्र०)
Veer Bahadur Singh Purvanchal University

Jaunpur-222003 (U.P.)

(Established under U.P. State University Act of 1973)

(A NAAC Accredited University)

www.vbspu.ac.in

IMPORTANT DATES

Online application form is available from	15 th March, 2019
Last Date for Submission of online Application form	8 th June, 2019
Date of Entrance Test	11 th -12 th June, 2019
Announcement of Result	21 st June, 2019
Date of Admission	1 st - 5 th July, 2019

SCHEDULE OF EXAMINATION

DATE	PAPER	DURATION	SHIFT
11 th June, 2019	B. Com (Hons.) M. Sc. (Physics), M. Sc. (Chemistry), M. Sc. (Mathematics), M. Sc. (Applied Geology)	9:00 AM-11:00 AM	I
	Integrated B.A.LL.B (Hons.) MCA	12:00 AM-2:00 PM	II
	M. Sc (Biotechnology) , M. Sc. (Biochemistry), M. Sc. (Microbiology), M. Sc. (Environmental Science)	3:00 PM-5:00 PM	III
12 th June, 2019	MA (Mass Communication)	9:00 AM-11:00 AM	I
	MA (Applied Psychology)	12:00 AM-2:00 PM	II
	MBA MBA (E-Com.) MBA (Agri-Business) MBA (Business Economics) MBA (Finance & Control) MBA (Human Resource Development)	3:00 PM-5:00 PM	III

How to Apply:

1. Applications form is to be filled through **ONLINE mode only**.
2. About more details one can visit the University website www.vbspu.ac.in
3. **Online application fee is Rs. 500/- for Unreserved and OBC category and Rs. 250/- for the candidates belonging to SC/ST.** Printout of the completed Application Form along with self attested copies of certificates/testimonials must reach in the office of **The “Chairman, Admission Cell (PUCAT-2019), V. B. S Purvanchal University, Jaunpur-222003, U.P.” latest by 8th June, 2019 at 5.00 PM** through registered post. However, the application form can be submitted **by hand also**.

Courses Through Direct Admission (Without Entrance Test):

1. MA (Mathematics) (for B.A. passed candidates)
2. BCA (Direct admission of 12th passed candidates)
3. B.Sc. (Physics, Mathematics, Geology)
4. B.Sc. (Physics, Mathematics, Chemistry)
5. B.Sc. (Zoology, Botany, Chemistry)

Authorities

Prof. Dr. Raja Ram Yadav	Vice-Chancellor	
Shree Sujeet Kumar Jaiswal	Registrar	
Shree M. K. Singh	Finance Officer	9935007850
Dr. Rajeev Kumar	Controller of Examination	8077308459
Prof. Ajay Dwivedi	Dean, Student Welfare	6394151212
Dr. Raj Kumar	Chief Warden (Male)	9451160911
Prof. Vandana Rai	Chief Warden (Female)	8052000911
Dr. Santosh Kumar	Chief Proctor	9532574675

Purvanchal University Combined Admission Test (PUCAT) - 2019

Secretariat

Prof. B. B. Tiwari

Chairman

Cell: 9161368540

Dr. Raj Kumar

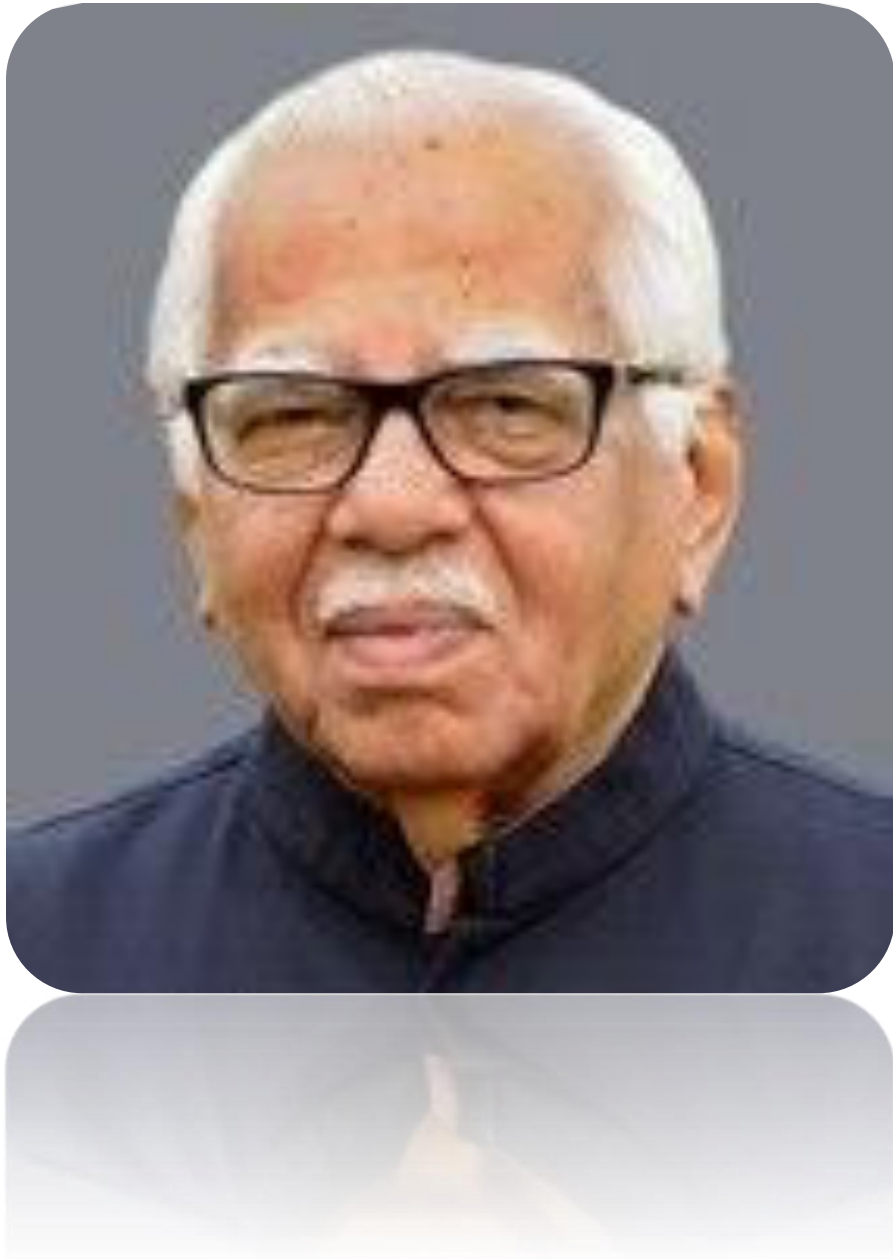
Convener

Cell: 9451160911

Members

Prof. Ajay Dwivedi	Prof. Ajay Pratap Singh	Dr. Rajnish Bhasker
Dr. Manish Kumar Gupta	Dr. Kamalesh Pal	Dr. Digvijay Singh Rathore
Mr. Sushil Kumar	Dr. Sunil Kumar	Dr. Dharmendra Singh
Dr. Nitesh Jaiswal	Dr. Punit Kumar Dhawan	Mr. Krishna Kumar Yadav
	Mr. Mangal Prasad Yadav	

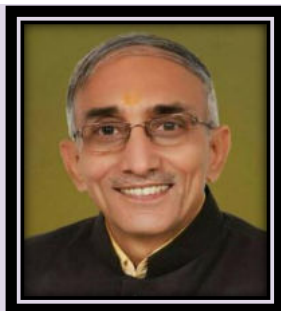
Dr. P. K. Kaushik (In-charge, Admission Cell)



Sri Ram Naik Ji

Hon'ble Chancellor and Governor, Uttar Pradesh

Message by Vice-Chancellor



The world today has shrunk into a global village due to innovative science & technology. The society is changing fast and has great expectations from us. We can strengthen India by strengthening its academic institutions and organizations. Man makes science/society and university makes perfect man. India is spiritual nation. In last two years the university has made remarkable growth in academic social directions like more than 2000 students are placed in different reputed companies/organizations, established Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research with creation of 32 regular Teaching/Non-Teaching posts from state government, establishment of World Class Research Centre on Nano Science and Technology, Deen Dayal Sodh Peeth in University Campus, Students got benefits getting free coaching for civil services, Celebration of Rashtriya Yuva Diwas making a golden book world record.

Our mission of life is to work for education/students/society leading to universal developments in all respects materialistic and spiritual. Jaunpur has remained great witness of our Indian culture heritages situated on the bank of River Gomti and Taposthali of Maharshi Yamdagni. This district is well known for great administrators, freedom fighters, scientists, artists, political leaders, spiritual and social leaders, sportsman and creative writers. The university offers different important courses notably Post Doctoral Fellowship, Ph.D. programs, MCA, M.B.A., M.Sc. program in Physics, Chemistry, Mathematics, Applied Geology, Biotechnology, Biochemistry, Microbiology, Environmental Science, Applied Psychology, M.A. program in Applied Psychology, Mass Communication, Mathematics and Integrated B.A.LL.B., B.Com. (Hons.), B. Pharm. BCA and B.Tech in CSE, ME, IT, EE, ECE, EI supported by TEQIP III.

We are committed to commence the new courses in M.Tech, M.Pharm. and D.Pharm. To make innovative India, we have to develop the mechanism for linking the different industries such as ONGC, Monet Ispat Energy Limited etc. with the University for Integration of knowledge and revenue generation within the University campus. The University has central training and placement cell, N.S.S., Rovers Rangers, Sports council and other cultural and technical events for overall development of the students. We have a long list of visiting faculty stalwarts of Science, Technology, Industry, Literature, Yoga, Law, Sports, Music to inspire and promote our students. To promote research in the area of Basics and Interdisciplinary sciences, the University has made several the collaboration with premier institute such IIT Kanpur, Allahabad University, IIT Kharagpur, NPL Delhi, BHU, IIIT & MNNIT, Allahabad, BBAU Lucknow, Biotech Park Lucknow, etc. The University has made Memorandum of Understanding (MoU) with King George Medical University Lucknow and many more are in pipeline with premier institute of nation.

As a Vice-Chancellor my commitment will be to facilitate the faculty, students and other supporting staff to work hard with innovation to provide leaders in every field for the developments of our country and the world.

I hereby invite the students/faculty in innovative academic progress. I wish all of them a bright, meaningful and successful future.

Prof. Dr. Raja Ram Yadav
Vice-Chancellor

Proctorial Board

Name	Designation	Cell Phone
Dr. Santosh Kumar	Proctor	9532574675
Dr. Raj Kumar	Asst. Proctor	9451160911
Dr. Surjeet Kumar	Asst. Proctor	8318003644
Dr. Murad Ali	Asst. Proctor	9415980763
Dr. Amrendra Kumar Singh	Asst. Proctor	9415376844
Dr. Awadh Bihari Singh	Asst. Proctor	9451371327
Mr. Praveen Kumar Singh	Asst. Proctor	7007532226
Dr. Dharmendra Singh	Asst. Proctor	9721688766
Mrs. Puja Saxena	Asst. Proctor	9889334904

Anti-Ragging Committee

Name	Department	Designation	
Prof. B. B. Tiwari	Electronics Engineering	Chairman	9161368540
Prof. Ajay Pratap Singh	Applied Psychology	Member	9451733733
Prof. Ashok Kr. Srivastava	Chemistry	Member	9451608755
Prof. Manas Pandey	MBA (Business Economics)	Member	9415207029
Prof. Ajay Dwivedi	MBA (Finance & Control)	Member	6394151212
Dr. Santosh Kumar	Physics	Member	9532574675
Dr. Raj Kumar	Mathematics	Member	9451160911
Dr. Noopur Goel	MCA	Member	9956816786
Dr. Surjeet Kumar	MCA	Member	8318003644
Dr. Murad Ali	MBA	Member	9415980763
Dr. Sanjeev Gangwar	Computer Science & IT	Member	9456469792
Dr. Rushda Azmi	Mass communication	Member	9897761424
Mrs. Puja Saxena	Pharmacy	Member	9889334904
Dr. Dharmendra Singh	Pharmacy	Member	9721688766
Dr. Vinay Verma	Pharmacy	Member	8318662280
Mr. Praveen Kr. Singh	Electronics & Communication	Member	7007532226
Sh. Sujit Kumar Jaiswal	Registrar	Member	

Five male and five female from new admitted students nominated by the Chairman

Internal Quality Assurance Cell

Prof. Manas Pandey	Coordinator
Prof. Rajesh Sharma	Deputy Coordinator
Dr. Dharmendra Singh	Deputy Coordinator

Pt. Deen Dayal Upadhyay Shodh Kendra

Prof. Manas Pandey
Dr. Raj Kumar
Dr. Manoj Mishra

Chairman
Member
Member

Intellectual Property Right Cell

Name	Designation	Cell Phone
Dr. Manish Kumar Gupta	Nodal Officer	9307267812
Prof. Ranjana Prakash	Director, CTPC	9792002776
Prof. Ram Naraiian	Member	9453095777
Dr. Raj Kumar	Member	9451160911
Dr. Murad Ali	Member	9415980763
Dr. Punit Kumar Dhawan	Member	9026357665
Dr. Sunil Kumar	Member	8948732223
Mr. Ashish Kumar Gupta Representative, UPCST	Member	9452374809
Shree Yashwant Dev Panwar, TIFAC, New Delhi	Member	

Women Cell

Prof. Vandana Rai	Coordinator	9453367088
Dr. Noopur Goel	Member	9956816786
Dr. Rushda Azmi	Member	9897761424
Mrs. Puja Saxena	Member	9889334904
Mrs. Karuna	Member	9453932365
Mrs. Richa Singh	Member	9140872821

Hostel's Warden

Dr. Amrendra Kumar Singh	Dr. C.V. Raman Hostel	9455445750
Mr. Praveen Kr. Singh	Charak Hostel	9839060338
Dr. Dharmendra Singh	Vishwakarma Hostel	9721688766
Ms. Annu Tyagi	Draupadi Hostel	7906496390
Mrs. Puja Saxena	Meerabai	9889334904

Central Library

Prof. Manas Pandey	Honorary Librarian	9415207029
Dr. Bidyut Mall	Cataloguer	9415372840
Mr. Awadhesh Prasad	Library Assistant	8423703195

Online Student's Grievances Redressal Cell

Dr. Surjeet Kumar	Coordinator	9415555651
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Faculty Members

Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research

1. Department of Physics

Dr. Pramod Kumar Yadawa, *Associate Professor & Director*
Prof. Hari Prakash, *Visiting Faculty*
Prof. Ranjana Prakash, *Visiting Faculty*
Dr. Giridhar Mishra, *Assistant Professor*
Dr. Punit Kumar Dhawan, *Assistant Professor*

2. Department of Chemistry

Dr. Ajeet Singh, *Assistant Professor*
Dr. Nitesh Jaiswal, *Assistant Professor*

3. Department of Earth & Planetary Sciences

Dr. Neeraj Awasthi, *Assistant Professor*
Dr. Shyam Kanhaiya, *Assistant Professor*
Mr. Shashi Kant Yadav, *Assistant Professor*

4. Department of Mathematics

Mr. Saurabh Kumar Singh, *Assistant Professor*
Dr. Raj Kumar, *Visiting Faculty*

Department of Law

Prof. Ajay Pratap Singh, *Coordinator*
Dr. Anurag Mishra, *Assistant Professor*
Dr. Vanita Singh, *Assistant Professor*
Mr. Ashish Jaiswal, *Assistant Professor*
Mr. Mangla Prasad Yadav, *Assistant Professor*
Dr. Kamalesh Pal, *Visiting Faculty*

Faculty of Management Studies

1. Department of Business Management

Dr. Murad Ali, *Assistant Professor*
Dr. Sushil Kumar Singh, *Lecturer*
Dr. Ashish Singh, *Lecturer*
Mr. Pramendra Vikram Singh, *Lecturer*
Mr. Rajesh Kumar, *Lecturer*

2. Department of Business Economics

Prof. Manas Pandey, *Head*
Prof. V.D. Sharma
Dr. Ashutosh Kumar Singh, *Assistant Professor*
Dr. H.C. Purohit, *Associate Professor (on Lien)*

3. Department of Financial Studies

Prof. Ajay Dwivedi, *Head*
Mr. Sachin Agrawal, *Assistant Professor*
Mr. Sushil Kumar, *Assistant Professor*
Mohd. Abu Saleh, *Guest Faculty*
Mr. Alok Gupta, *Assistant Professor (On study leave)*

4. Department of HRD

Dr. Rashi Kesh, *Assistant Professor & Head*
Prof. Avinash D. Pathardikar (*on Lien*)
Dr. Sangeeta Sahu, *Associate Professor (on Lien)*
Mr. Kamalesh Kumar Maurya, *Guest Faculty*

Faculty of Science

1. Department of Biotechnology

Prof. Vandana Rai, *Dean (Faculty of Science) & Head*
Prof. Ram Narayan
Prof. Rajesh Sharma
Dr. Pradeep Kumar, *Associate Professor*
Dr. Manish Kumar Gupta, *Assistant Professor*

2. Department of Microbiology

Prof. Vandana Rai, *Head*
Dr. S.P. Tiwari, *Reader*
Mr. Rishi Srivastava, *Assistant Professor*

3. Department of Environmental Science

Prof. Vandana Rai, *Head*
Dr. Vivek Kumar Pandey, *Assistant Professor*
Dr. Sudhir Kumar Upadhyay, *Assistant Professor*

4. Department of Biochemistry

Prof. Vandana Rai, *Head*
Dr. Sudhanshu Yadav, *Guest Lecturer*
Dr. Prabhakar Singh, *Guest Lecturer*

Faculty of Applied Social Science and Humanities

1. Department of Applied Psychology

Prof. Ajai Pratap Singh, *Head*
Dr. Manoj Kumar Pandey, *Assistant Professor*
Dr. Janhvi Srivastava, *Assistant Professor*
Ms. Annu Tyagi, *Assistant Professor*

2. Department of Mass Communication

Dr. Manoj Mishra, *Associate Professor & Head*
Dr. Digvijay Singh Rathor, *Assistant Professor*
Dr. Awadh Bihari Singh, *Assistant Professor*
Dr. Sunil Kumar, *Assistant Professor*
Dr. Chandan Singh, *Assistant Professor*
Dr. Rushda Azmi, *Assistant Professor*

Department of Pharmacy

Mr. Rajeev Kumar, *Assistant Professor & Head*
Dr. Nripendra Singh, *Assistant Professor*
Dr. Vinay Kumar, *Assistant Professor*
Dr. Dharmendra Singh, *Assistant Professor*
Dr. Alok Kumar Dash, *Assistant Professor*
Dr. Jhansee Mishra, *Assistant Professor*
Mr. Vijay Bahadur Maurya, *Assistant Professor*
Mrs. Puja Saxena, *Assistant Professor*
Mr. Ashish Kumar Gupta, *Assistant Professor*
Mr. Surendra Kumar Singh, *Assistant Professor*

Faculty of Engineering & Technology

1. Department of Electrical Engineering

Dr. Rajnish Bhasker, *Assistant Professor & Head*
Mr. J. P. Lal, *Assistant Professor*
Mr. Satyam Kumar Upadhyay, *Assistant Professor*
Mr. Saurabh V Kumar, *Assistant Professor*
Mr. Maneesh Kumar Gupta, *Assistant Professor*

- Mr. Anurag Singh, *Assistant Professor*
 Mr. Rohit Kumar Rastogi, *Assistant Professor*
 Miss. Jaya Shukla, *Assistant Professor*
 Mr. Rudar Kumar Gautam, *Assistant Professor*
- 2. Department of Electronics & Communication Engineering, Electronics & Instrumentation Engineering**
 Prof. B.B. Tiwari
 Mr. Ravi Prakash, *Assistant Professor*
 Mr. Praveen Kumar Singh, *Assistant Professor*
 Mr. Shailesh Kumar Prajapati, *Assistant Professor*
 Mr. Sudhir Singh, *Assistant Professor*
 Mr. Ritesh Baranwal, *Assistant Professor*
 Mr. Ajay kumar maurya, *Assistant Professor*
 Mr. Tushar Srivastava, *Assistant Professor*
 Mr. Vishal Yadav, *Assistant Professor*
 Miss. Poonam Sonkar, *Assistant Professor*
 Mrs. Jyoti Prashant Singh, *Assistant Professor*
 Dr. Mohd. Aneesh ansari, *Assistant Professor*
 Mrs. Priti Sharma, *Assistant Professor*
 Mr. Parul Trivedi, *Assistant Professor*
 Mr. Santosh Kumar Tripathi, *Assistant Professor*
 Mr. Deepak Kumar Singh, *Assistant Professor*
 Mr. P. C. Yadav, *Assistant Professor*
- 3. Departments of Computer Science & Engineering, and Information Technology**
 Dr. Sanjeev Gangwar, *Assistant Professor & Head*
 Mr. Prashant kumar yadav, *Assistant Professor*
 Mr. Dileep Kumar yadav, *Assistant Professor*
 Mr. Krishna Kumar Yadav, *Assistant Professor*
 Mr. Ravi Kant Yadav, *Assistant Professor*
 Mrs. Deepti Pandey, *Assistant Professor*
 Mr. Sunil Yadav, *Assistant Professor*
 Mr. Divyendu Kumar Mishra, *Assistant Professor*
 Mr. Pravin Kumar Pandey, *Assistant Professor*
 Mr. Gyanendra Kumar Pal, *Assistant Professor*
 Mr. Santosh Kumar Yadav, *Assistant Professor*
 Mr. Ashok Kumar Yadav, *Assistant Professor*
 Mr. Ritesh Kumar Srivastava, *Assistant Professor*
 Mr. Manoj Kumar Yadav, *Assistant Professor*
 Mr. Purnendra Kumar, *Assistant Professor*
- 4. Department of Mechanical Engineering**
 Dr. Rajnish Bhasker, *Assistant Professor & Head*
 Mr. Deep Prakash Singh, *Assistant Professor*
 Dr. Hemant Kumar Singh, *Assistant Professor*
 Mr. Shashank Dubey, *Assistant Professor*
 Mr. Ankush Gaurav, *Assistant Professor*
 Mr. Himanshu Tiwari, *Assistant Professor*
 Mr. Subodh Kumar, *Assistant Professor*
 Mr. Navin Chaurasiya, *Assistant Professor*
 Mr. Rahul Singh, *Assistant Professor*
 Mr. Sandip Kr. Singh, *Assistant Professor(on Study Leave)*
- 5. Department of Computer Applications**
 Dr. Saurabh Pal, *Associate Professor & Head*
 Dr. Noopur Goel, *Assistant Professor*
 Dr. Surjeet Kumar, *Assistant Professor*
 Dr. Sanjeev Gangwar, *Assistant Professor*
 Dr. Munindra Kumar Singh, *Assistant Professor*
 Dr. Dhyan Chandra Yadav, *Assistant Professor*
 Mr. Saurabh Singh, *Assistant Professor*
 Mr. Pankaj Kumar, *Assistant Professor*
- 6. Department of Mathematics**
 Dr. Raj Kumar, *Associate Professor & Head*
 Dr. Uday Raj Prajapati, *Assistant Professor*
 Dr. Nimisha Yadav, *Assistant Professor*
- 7. Department of Humanities & Social Sciences**
 Dr. Kamalesh Pal, *Assistant Professor & Head*
 Dr. Vandana Singh, *Assistant Professor*
 Dr. Mahendra Pratap Yadav, *Assistant Professor*
- 8. Department of Chemistry**
 Prof. Ashok Kumar Srivastava, *Head*
 Dr. Amrendra Kumar Singh, *Assistant Professor*
 Dr. Ram Naresh Yadav, *Assistant Professor*
- 9. Department of Physics**
 Dr. Santosh Kumar, *Assistant Professor*
 Dr. Manish Pratap Singh, *Post Doctoral Fellow*

JAUNPUR- A Glorious Past and a Promising Future

Located on the bank of river, Gomati, Jaunpur keep a distinguished place in itself in the history of India. Its spiritual existence from the ancient time and its fully developed form in medieval time came before us. From political, administrative, cultural, artistic and academic point of view, Jaunpur keep a matchless history. It is a unique witness of the cultures of Hindus and Muslims. In simple words it is called *Ganga-Jamuni Tahzeeb*. It has also achieved the glory of being called the *Paris of medieval time and Sheeraj-e-Hind* of India. Students from various countries came here to learn Arabic and Persian. Some of the famous historical figures who have gained knowledge here are Shershah



Jaunpur Fort

Suri and Jahangir. According to Puranas, the *Rishi Yamadagni* set out to south direction due to any discrimination with Sahasrajun of *Sapt-Sandhara*. Panjab, stated living making a Ashram at Jamaitha village near Gomati river in present. In the name of this hermit Yamdagni, Jaunpur was named Yamdagnipur in ancient time. In Mahabharata, there is a topic, that it has been part of kashi state. In ancient time, this place was also the centre of Gurukul education.

Jaunpur is well-connected with all major cities of India. It has two major railway stations namely Jaunpur City and Jaunpur Junction. NH-56 and NH-36 connect this city with Lucknow, Varanasi, Allahabad and other major cities. Lal Bahadur Shastri International Airport of Varanasi (Babatpur) from Jaunpur city is approximately 35KM on National Highway-56. Jaunpur bus station is nearly 12 KM from the University.

THE UNIVERSITY

Veer Bahadur Singh Purvanchal University adheres the purpose for an institution that imparts higher education by adding values to human resources and produces wealth creators and leaders in all fields like business, professions, politics, administration, and creative pursuits to compete at national and international level. It strives to create knowledge, to open the minds of students and to enable students to take best advantage of their educational opportunities and adopt a rational way of living for catering the local needs as well.

Fired by the desire to provide professional education to the people of this region, Purvanchal University, renamed as Veer Bahadur Singh Purvanchal University which was established on 2nd October, 1987 in the honour of Late Veer Bahadur Singh, former Chief Minister of the Uttar Pradesh.



Initially, it was started as an affiliating University, later its campus was established on Jaunpur-Shahganj road ten kilometers away from the Jaunpur City. Ever since its inception, the University has always walked forward spreading the light of knowledge all around. It started with 68 affiliated colleges and has broadened its spectrum affiliating over 866 colleges spreading over five districts around Jaunpur.

[In the Campus, teaching was initiated with a full-time MBA course at post graduate level. The dearth of technical and professional education facilities and growing demand for need based courses in the region have been the guiding factors that have led the University on the path of continuous academic growth with seven faculties including twenty-six departments and two **research centers**. The University offers twenty-six courses in the campus along with Ph.D. Programs. The various streams opened doors of opportunity in Engineering (B.Tech.-EC, EI, ME, EE, CSE, IT), MCA, Pharmacy (B. Pharm.), B.Com (Hons.), B.A. LL.B., PG Programmes in Management (MBA, E-Commerce, Agri-Business, HRD, Business Economics, Finance & Control), MHRD. The University also offers the post graduate program in Applied Sciences (Biotechnology, Biochemistry, Microbiology, and Environmental Science). Applied Social Science faculty offers post graduate program in (Applied Psychology, Mass Communication) over a decade. The inclusion of University in the 12(B) of the UGC and its accreditation by NAAC in the year 2001, 2004, 2016 (grade B+) led to its vertical growth and recognition amongst prominent centers of higher learning.



Rashtriya Yuva Diwas, 2019





The University campus is also running a Centre of IGNOU which helps the community of this region to provide the degree through correspondence. The University also provides **free coaching for IES/IAS and PCS entrance examinations.**

Since last four years, the University initiated a plantation programme “एक छात्र एक पेड़” in the campus to enrich greenery and protection of environment. Recently, UGC appreciated the programme. Besides it, all the units of National Service Scheme (N.S.S.) are running successfully in the campus from last eight years. The main motto of N.S.S. is to inculcate personality development among the students through community services by

which the student gets a sense of involvement in the tasks of nation building. The impact of which can be observed in the neighboring villages of the University campus where the students of Engineering and Pharmacy faculties provide free coaching “Prerna” to the economically weaker children of society in this backward region under the guidance of Dr. Raj Kumar, Head, Department of Mathematics. The students belonging to the unprivileged and weaker society are benefitted with the Scholarship and tuition fee if the state government of Uttar Pradesh provides the fund. Office of the Dean, Students Welfare (D.S.W.) plays an important role to make a link between students and state government for scholarship issues.



Continuous qualitative and quantitative growths, decentralized academic and administrative set ups, transparent and efficient participatory approach adds to the progress of the University.

Mission and Vision

- *Providing need based education towards personality development to sustain national and international pressures besides having relevance to the dynamic socio-economic requirement.*
- *To promote teaching, research and extension activities for catering to rural region of eastern Uttar Pradesh with compatible out-reach activities.*
- *Encouraging the informal, continuous and participatory dialogue among the teachers, students and other user groups for generating greater effectiveness in our delivery services.*

With all the experienced hands at work to pursue excellence in a spirit of productive cooperation, we intend to explore capabilities to their full intellectual and human potential.

CENTRAL TRAINING and PLACEMENT CELL

The Central Training and Placement Cell (CTPC) was established at the University in **2017** with basic goal to ensure placement for the students of diverse disciplines. The aim of the CTPC is to train the students in all areas of Science and Technology, upgrade their soft skills and technical skills in the core thrust areas so that they will equip themselves and become globally competitive. As a result of

constant endeavor by the members of CTPC under the guidance of **Prof. Ranjana Prakash**, Director, CTPC has succeeded in obtaining overwhelming response from various recruiters across the countries in very short span of time.

For the academic sessions **2017-18** and **2018-19**, the Cell have been placed record numbers of students in various Companies/Industries and Academic institutions of the countries. The summarized placement record of our students as thus:

S.N	Placement Statistics	Academic Year(s)	No of Student(s) attained/Placed
	Skill Development Programs	2017-18	1150
	Placement		735
	Skill Development Programs	2018-19	2780
	Placement		1240

Amidst many challenges in various fronts, students from various departments like Engineering, Pharmacy, Management, Sciences etc. of the campus were able to receive placement in various reputed industries the most notables are **Jaro, Extra Marks IBM, Wipro Certified, Limen Solution, Sofcon Pvt. Ltd, YASH GROUP, TOSHA International, Eureka Forbes, American Express** and many more with an annual CTC ranging from **Rs 2.5 to 10 lakhs**.



Despite of immensurable placement of our campus students, CTPC also play a pivotal role in placement for the students of affiliated college/Institutes of this University. Currently, the cell is constantly working on framing out newer policies/Methodology to strengthen Industry - Institute relationship to attract a greater number of companies for campus drive. Moreover, we are tirelessly working to ensure the **100 percent placement** of our students in most reputed Industries/Organization/Institutes of the country.

VIVEKANAND CENTRAL LIBRARY

Central library is established in 1999. It is one of the largest repositories of information in Uttar Pradesh to provide quality services to students, research scholars, and university teaching and nonteaching staff. It is extended to its present form in 2004 and renamed as Vivekanand Central Library in the year 2004. Central Library has been awarded as a "Centre of Excellence" by Govt. of Uttar Pradesh. The Library is equipped with SOUL software package for its in-house job like circulation, serial control, cataloguing, OPAC/Web OPAC etc. The present Library stock comprises 1,53,860 books, 276 professional Indian journals and magazines, 557 back volumes of journals, 8056 Ph.D. theses, 760 CD, 5 Newspapers, 216 government publications, press clippings since 2008. Library has a rich collection of reference books like, encyclopedia, dictionary, yearbook, atlas, directory, almanacs etc. It has a digital library cum Research Section to support the research scholars on all subjects those are not being studied in UTD. We have uploaded and digitized 8056 Ph.D. theses in Sodhganga Repository and secured the first position in U.P and third in India.

Library has also an e-library containing 20 computers with one GBPS BSNL leased line Internet connectivity to access 28,000+ e-resources including e-journals, e-books, e-theses, e-databases, e-contents and e Case studies.

It has also Book Bank section to provide the complete set of text books for every student for all semesters containing 18299 books.

TECHNICAL EDUCATION AND QUALITY IMPROVEMENT PROGRAM (TEQIP) - III

The institute is a beneficiary of grant from TEQIP/World bank from MHRD in various heads like academic activities, procurement and inters operative costs. The progress so far in this regard has been very satisfactory. In procurement side various laboratories in Electrical Engineering, Computer Science Engineering and Information Technology, Electronics Engineering, Physics and Chemistry Departments have been newly established/ upgraded. In learning resources various softwares have been procured across all the departments. In academics activities related to Faculty Development Programs, Workshops, Internships for students, Industrial Visits, Entrepreneurship Development Programs, Start-up, Science Day Celebration, Engineers Day Celebration, Expert Talks, Induction Program, workshop on Women Empowerment, etc. have been organized. Students are being benefitted immensely from the available aids and hands on practices on the laboratory facilities created through the grants. Smart classes have been established. For harvesting full benefits for the students from the grants of TEQIP-III, AICTE New Delhi has mandated several activities out of which induction program for the new entrants in the institute is one which impacts directly upon the students to shape the raw Engineers follow the norms and ethics of the Novel Profession. Under the guidelines of TEQIP- III a complete 3 weeks Induction Program has been drawn and strictly adhered to. These programs include interaction with experts of all walks of life, program on Art of Living, Yoga, Various Physical activities, sports, industrial visits, local sightseeing and the Freshers Function. Various expert lectures are organized from time to time. The list includes Dr. P. C. Patanjali, former Vice-Chancellor of V.B.S. Purvanchal University and Bhagalpur University, Prof. I. Ramchandra Reddy, Prof. P. Natarajan from Hyderabad, Dr. Anuradha Dhara, Prof. Kalyan Chakravarti, Ms. Vandana Sheron, Prof. Praveen Prakash, Dr. Chhaya Singh, Prof. R. K. Singh from Allahabad University, Dr. Nawal Kishore from the Central University of Haryana, Mahendragarh, Prof. S. Ram from IIT Kharagpur, Prof. L. N. Hazra, Prof. V. A. Tabhane, Dr. K. N. Pandey, Dr. Kailash and so on.

TEQIP helps in providing training to our students and faculties by organizing various FDPs at renowned universities and providing internships for the students. Faculties have attended various courses at IIM Shillong, IIM Udaipur, IIM Kozhikode, IIM Trichy, IIM Indore, IIM Bhopal, IIT



Kharagpur, Raipur, IIT Kanpur, Hyderabad, Pune College of Engineering, IIT Roorkee, Port Blair, Gangtok, Pondicherry, Lakshdweep so on. Our students are going on internships to places like IIT Hyderabad, ISTRAC Lucknow, IIT Kanpur, etc.



Mentor Institute-P.E.S. College of Engineering, Mandya-571401, Karnataka

Mentee Institute-Uma Nath Singh Institute of Engineering and Technology, VBS Purvanchal University, Jaunpur-222003, Uttar Pradesh.

Sl. No.	Activities	Date & Place	Remarks
1	MOU with mentee Institute Uma Nath Singh Institute of Engineering & Technology, Jaunpur, UP.	21 st &22 nd July 2017, NPIU, Noida.	Following the guidelines formulated in MOU.
2	Preparation of SWOT Analysis.	20 th to 23 rd August 2017, at	Reviewed and implementation initiated.
3	Mentoring Programme - Visit to all the Departments at Uma Nath Institute.	Mentee Institute, UNSIET, Varanasi, UP	Procurement and academic activities to be carried out was surveyed by mentoring institute as a part of mentoring activity.
4	Interaction of MENTEE institute with Mentor institute.	21 st to 24 th Sept 2018, at Mentor Institute PESCE, Mandya, Karnataka	The TEQIP team of mentee institute visited to know the field of improvement from various Departments of Mentor institute.
5	Training programme on Industrial oriented Hardware design.	5 th to 12 th Jan 2018, at Mentor Institute PESCE, Mandya, Karnataka	Technical academic programmes initiated.
6	Training programme on Application of MATLAB & PLC in Electrical and Electronics Engineering.	6 th to 10 th Jan 2018, at Mentor Institute PESCE, Mandya	Training programmes/ workshops organized by mentor institute for the Staff and Students of mentee institute.
7	Training programme on Computer Aided Engineering Drawing (CAED) in Mechanical Department.		
8	Training programme on Internet of Things using Node MCU and Raspberry-Pi in Computer Science and information Science Engg. Departments.	27 th to 31 st Jan 2018, at Mentor Institute PESCE, Mandya	
9	Induction Program for 1 Year Students	16 th to 19 th Jan 2018, at	Principal and Faculty from E&C, EEE,

Sl. No.	Activities	Date & Place	Remarks
	of UNSIET Varanasi.	Mentee Institute, UNSIET, Varanasi, UP	CS&E and Mechanical Engg. Conducted Induction Program for 1Year Students.
10	Outcome Based Education and NBA Workshop at mentee Institute Uma Nath Singh Institute & Technology, Jaunpur.	10 th to 13 th March 2018, at Mentee Institute, UNSIET, Varanasi, UP	OBE and NBA training related activities including procurement and financial activities carried out at mentee institution.
11	Interaction about Performance Audit, Mentor Audit and Procurement Activities of TEQIP-III and other academic matters.	29 th & 30 th June, 2018 at Mentor Institute PESCE, Mandya	Communicated to mentee institute to carry out the suggested activity and to involve senior Faculty in each programme to take part in BOS of respective streams at mentor and mentee institute to enable mutual interaction and academic growth.
12	Training programme on Advanced Mechanical Lab.	25 th to 30 th June 2018 at Mentor Institute PESCE, Mandya	Improvement in Technical academic knowledge. Continuation of training programmes organized for the Staff and Students of mentee institute.
13	Training programme on Python Programming (CSE).		
14	Training programme on Hardware Design with CADENS Tools (ECE).		
15	Training programme on IoT Based Electrical Technology.		
16	Participation of Mentee institute representative as a special invitee in III BOG of mentor institute to study the conduction of BOG.	4 th August 2018 at Mentor Institute PESCE, Mandya	Nodal Officer, Procurement attended from Mentee institute as representative.
17	TEQIP team members of mentee institution were invited to study the conduction of International Conference on Emerging Research in Electronics, Computer Science and Technology.	22 nd to 24 th August 2018 at Mentor Institute PESCE, Mandya	TEQIP Coordinator and Procurement nodal officer attended the International Conference.
18	Two days workshop on OBE and NBA at mentee institution.	09 th and 10 th Oct. 2018 at Mentee Institute, UNSIET, Varanasi, UP.	Second workshop being conducted on OBE and NBA for accelerating NBA process by mentee institute. Further, planned to conduct one week workshop for mentee institute on OBE and NBA process at PESCE during January 2019.
19	Meeting on conduction of upcoming Twinning Activities under TEQIP – III	12 th November 2018 at Mentor Institute PESCE, Mandya	Mentor institute TEQIP team and Prof. B.B Tiwari & Dr. Rajaneesh Bhaskar of mentee institute attended the meeting.
20	Discussion on procurement related activities	31 st Dec. 2018 to 01 st Jan. 2019 at Mentor Institute PESCE, Mandya	Dr. Rajaneesh Bhaskar of mentee institute attended the meeting.
21	One week training programme on NBA Process.	3 rd to 8 th January, 2019 at Mentor Institute PESCE, Mandya	One week training programme was conducted for the faculties of UNSIET Varanasi, UP by Mentor institute Professors from ECE, EEE, CV, CSE/ISE and ME programmes.
22	Women Empowerment Workshop	4 th to 6 th February, 2019 at Mentee Institute, UNSIET, Varanasi, UP.	Resource persons Prof. Pooja Nagapal Prof. Chandrika
23	Critical Subjects taught at Mentee Institute (EEE & ECE) to the students.		1 st Phase Resource persons Dr. P S Puttaswamy, B N Harish, Prof. M J Anand and M Revanesh
24	Awareness about Online Courses - NPTEL, MOOCs C2C Activities		Resource persons Prof. M J Anand and team

INFRASTRUCTURE



UGC, AICTE and IGNOU etc.

The University created a town away from the city with the help of its resources and UGC funding. The infrastructure includes Vivekanand Central Library, Girls and Boys Hostels, Auditorium, Guest Houses, Stadium, Transit House, Parks, Officer's accommodations, Teaching and Non-teaching staff accommodations, e-library containing 20 computers with one GBPS BSNL leased line internet connectivity to access 4000 e-resources including e-journals, e-books, e-databases, e-contents, e-thesis provided by the INFLIBNET Centre, Ahmadabad with uncountable open access e-resources. Library has also an EDUSAT system in audio-visual section to offer the virtual teaching programs telecast by

AUDITORIUM

Two auditoriums (Mahant Avadyanath and Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research Auditorium) facilitate to organize seminars, conferences, annual functions and other academic and cultural programmes. Both auditoriums are well equipped with modern lighting and sound facilities with comfortable seating arrangements for 750 and 450 intakes respectively.



CONFERENCE HALL

Well-furnished air-conditioned Conference Halls are available under the aegis of Faculty of Engineering and Technology, Faculty of Science Building, Institute of Management studies, and Department of Pharmacy to conduct seminars, conferences, workshops and training programmes. The Conference Halls are equipped with public address system, overhead projectors, etc.



UNIVERSITY SOCIAL INTERFACE

Over the passage of time, the University has proved its presence and empathy towards the society and its people. Financial assistance to the relatives of Kargil Martyrs and the victims of natural disasters (Tsunami victims) makes us a socially responsive organization. Being a centre for higher education, it is not untouched by the needy in society. To serve them, University has come up with the concept of Bapu Bazar which was organized by N.S.S. volunteers. It revolves around Gandhian

philosophy that is our tribute to the great man. Usually, the Babu bazaar is organized on last Sunday of every month, gives an opportunity to the poor and deprived people to purchase clothes, etc. in a very nominal price holding their right to self-respect.

To preserve the rich heritage of art and culture in the region, the University has come forward in felicitating folk artists of eastern part of Uttar Pradesh and endeavors are made to bring treasure to light through various cultural shows in the campus. The university has stilled the idols of great personalities in the campus locations inspiring its fraternities. Many roads in the campus are named on the personalities lost in the pages of history but much to do with revival of regional heritage.

SPORTS ACHIEVEMENTS

S.N.	Name Of the Tournaments (India Level)	Position
Team Event		
1	All India Inter University Hockey (Male)	1 st Position
2	All India Inter University Handball (Women)	1 st Position
3	All India Inter University 6 s Cricket (Women)	1 st Position
4	All India Inter University Archery (Male)	2 nd Position
5	All India Inter University 5 s Hockey (Male)	3 rd Position
6	All India Inter University 5 s Hockey (Women)	3 rd Position
7	All India Inter University 6 s Cricket (Male)	3 rd Position
8	All India Inter University Cricket (Women)	4 th Position
9	All India Inter University Cricket (Male)	4 th Position
10	East Zone Inter University Badminton (Women)	1 st Position
11	East Zone Inter University Basketball (Male)	2 nd Position
12	East Zone Inter University Kabaddi (Male)	2 nd Position
13	East Zone Inter University Hockey (Women)	3 rd Position
Individual Event		
14	All India Inter University Wt. Lifting, Power Lifting (Men/Women)	1 st Position
		3 rd Position
15	All India Inter University Gymnastics (Men/Women)	2 nd Position
16	All India Inter University Archery (Men/Women)	2 nd Position
		3 rd Position
17	All India Inter University Kick-Boxing (Men/Women)	1 st Position
		2 nd Position
		3 rd Position
18	All India Inter University Graplig (Male)	2 nd Position
		3 rd Position
19	All India Inter University Qwan Ki Do (Men/Women)	3 rd Position

EVENTS ROUND UP AND CAMPUS LIFE

Annual academic function in the form of Convocation is a grand event of the University. The graduation ceremony to award degrees to the students and honorary graduates after completion of their courses. The meritorious students in every discipline are awarded by medals and degrees by the Chancellor of the University & Governor of Uttar Pradesh in the presence of the academic bodies of the University. Eminent personalities in the related fields of academics and social reformers are also honored in this event.

Conferences at national and international level are being organized in the campus to promote and propagate the knowledge and experiences. International and national meets on Collaboration with American Universities offered a platform to share and discuss views of academicians and researchers from India and American Universities like Virginia, Idaho and Oakland, South Dakota, to name a few that participated representing two continents of the globe. A national conference on “Frontiers in Biological Sciences” witnessed a gathering of eminent researchers; they deliberated on aspects of development in research to enhance the quality of our life, environment and planet.

Almost each University department has a lecture hall equipped with smart system for different exercises and interactive sessions. Hostel accommodations are available for boys and girls separately. The hostels provided all basic amenities of high quality like 24 hours internet facility and electric supply supplemented by the generator. Various arrangements for sports are made inside the hostel premises and recreation activities run throughout the year inside campus. Two Girls hostels are well secured and safe adjacent to the residence of the Vice-Chancellor and the Registrar.

For personality developments of the students through extra-curricular activities, the University actively organizes sports and cultural events time to time throughout the year. Sports events at national level likely Kabaddi, Basket ball, Handball and Inter-University Cricket tournament etc. have been organized by the University. The University cricket team, wrestling and hockey have been fetching the top rank at the all India sports tournaments. The cultural programmes and academic events on the various occasions notably University foundation day, Teachers day, National Science Day, National Engineer’s day, Annual sports meet and other celebrations on festive occasions feature the colorful life in the campus.

LOOKING FORWARD

Adhering to the law of prosperity, the University looks forward for achieving better goals. It intends to launch some courses in Medical Sciences, Library Sciences, and PG Courses in Engineering and Pharmacy and other courses in demand to develop professional acumen. Consistent upgrading of infrastructural facilities enthusiasts the students towards their endeavor’s. In its short span, the University is in the process of completing the technical aspects of academic collaboration with several international Universities viz. Virginia, UK, Kenya and other American Universities. This would open doors for our students to visit foreign universities for short term courses under the visitors exchange programmes and shall broaden the horizons of teaching as well as research.

Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research



Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research is an Institution of National Importance and a new addition to the hallowed Veer Bahadur Singh Purvanchal University (VBSPU), Jaunpur that has proven its worth in last 30 years. The Institute established by the efforts of Government of Uttar Pradesh, in the year 2018 is a tribute to visionary Prof. Rajendra Singh popularly known as ‘Rajju Bhaiya’, who was a distinguished Professor and Head of the Physics Department, University of Allahabad. Rajju Bhaiya was not only an educationist but also a thinker, a social reformer and a skilled organizer. He shared an excellent rapport with politicians as well as with academicians, social workers and intellectuals, both within and outside the country. The Institute’s establishment accomplishes the mission of the University to provide best environments for education, students and society leading to universal developments in all respects. The Institute is dedicated to both fundamental and applied aspects of Physical Sciences for study as well as research. The thriving Post-doctoral, Ph.D. and M.Sc. programmes of the Institute see the students and faculty publish prolifically, win competitions, come up with innovations and build societal awareness.

DEPARTMENTS/CENTRES

- **Physics**
- **Chemistry**
- **Mathematics**
- **Earth and Planetary Sciences**
- **Centre for Nanoscience and Technology**
- **Centre for Renewable Energy**

ADMISSION PROCEDURE

These departments presently run Postgraduate (M.Sc.), Doctoral (Ph.D.) and Post-doctoral (PDF) programmes in respective disciplines. Each department has 60 seats for M.Sc. course. Admissions to

M.Sc. courses shall be made through merit based on written test through Purvanchal University Combined Admission Test (PUCAT). Admissions to Ph.D. programme shall be made through Purvanchal University Combined Research Entrance Test (PUCRET). For fee structures and other details, one can visit the University's official website <http://www.vbspu.ac.in>. The university also provide research opportunities to doctorate researchers for PUPDF (Purvanchal University Post-Doctoral Fellowship) programme initiated by our visionary Vice Chancellor.

ELIGIBILITY

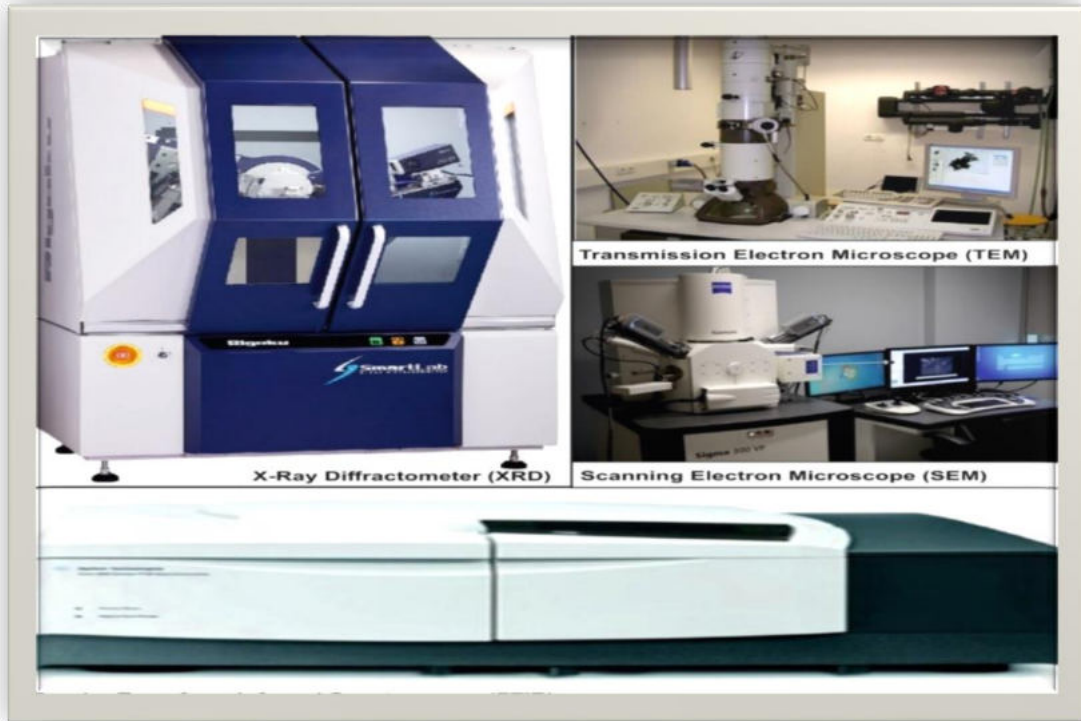
Department	Course	Eligibility
Physics	M.Sc. (Physics)	B.Sc. with Physics as one of the subjects in 3 rd year
Chemistry	M.Sc. (Chemistry)	B.Sc. with Chemistry as one of the subjects in 3 rd year
Mathematics	M.Sc. (Mathematics)	B.Sc. with Mathematics as one of the subjects in 3 rd year
Earth & Planetary Sciences	M.Sc. (Applied geology)	B.Sc. with Geology/Physics/Zoology/Botany/Chemistry/Mathematics.

INFRASTRUCTURAL FACILITIES

Each department has well-equipped laboratories dedicated to the discipline, spacious classrooms, state-of-the-art computing facilities and enriched central library with books, journals and magazine of national and international importance to carry out teaching and research in all major areas of physical science.

Instrumentation Facilities

The various department and centres have well-equipped laboratories with instruments like SEM-EDS, HR-TEM, XRD, FTIR, UV Vis, APS-100, TPS-500 for undertaking advanced level research in the country.



LABORATORIES:







DEPARTMENT OF PHYSICS

The Department of Physics was established in the year 2018 with an aim to provide excellence in teaching and research. The department is working to reshape the state's public higher education by training new generation graduate students engaging in new interdisciplinary research, signing MoUs with industry and entrepreneurs and creating new educational opportunities for graduate students. Post graduate students in Physics find support through our world class faculty, internationally recognized in their fields of research specialization and high-tech facilities. Besides committed to excellence in postgraduate education, the faculty members and research scholars of the physics department are actively engaged in research in different area of physics. Current plans are underway for the construction of new research centre in the campus. Frequent seminars and weekly research discussion attract many distinguished visiting physicists to the campus, which further stimulates an active research environment.

DEPARTMENT OF CHEMISTRY

The Department of Chemistry is one of the prominent departments of the Institute. It offers a vibrant atmosphere to students to nurture the spirit of scientific temperament and to pursue pioneering research in a highly encouraging environment. Department have access to the excellent facilities and sophisticated instruments in other departments and centres of the Institute. Faculty members in the department are well recognized and their areas of research are cutting edge and mainly focused on society's current need and problems. Along with teaching, the faculty members and research scholars of the department are actively engaged in research to the different area of chemistry viz. computational chemistry, inorganic synthesis, coordination chemistry, organometallic in catalysis, perovskite solar cell. The department is also signing MoUs with industry and entrepreneurs that provide job opportunities to postgraduate students.

DEPARTMENT OF MATHEMATICS

The Department of Mathematics is one of the four departments, founded under the aegis of Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research, established in 2018 in VBS Purvanchal University, Jaunpur, Uttar Pradesh. The Department is committed to provide research facilities leading to Ph.D. degree/ PDF programme. The Department has set its Himalayan goal to promote equity and excellence in mathematical science at postgraduate level and research in order to encourage the growth of scientific literacy in the country. The Department's educational and research programs span the breadth of Mathematics, representing a broad spectrum of fields ranging from the traditional areas of pure mathematics to its applications up to advance level. The Department seeks to expand its activities for advancing knowledge and learning through teaching and research. In future, we hope to make more interaction among the institute, industry and the university system in our nation.

DEPARTMENT OF EARTH & PLANETARY SCIENCES

The Department of Earth and Planetary Sciences was established in 2018 with competent and distinguished faculties having considerable teaching experiences in almost all branches of Earth and Planetary Sciences. Apart from teaching, the faculty members of the department are actively engaged

in diverse research fields of Geology that vary from petrology, mineralogy and geochemistry of igneous and sedimentary rocks to paleoclimatology, sedimentology, stratigraphy, remote sensing, geomorphology and seismology. The research in department aims to integrate theory, modelling, experiments, measurements and observations so that to reach a full understanding of the geological problems. The Department currently runs a 2-year (4 semester) M.Sc. programme in Applied Geology, which was initiated with an impetus to generate a workforce that could turn into a substantially trained pool to meet the world's demand of Geologists. The Department has a museum with maximum number of rocks, minerals and fossils from type areas and other geologically important horizons in India and abroad, well equipped laboratories will be set-up with sophisticated instruments to support high quality teaching and research. The department also look forward to provide best employment opportunities to the trained postgraduates in Mining and Oil Exploration Industries and other Government Institutions. In addition, students are motivated to take teaching and research as a career and join national and international leading research laboratories. The department is also signing MoUs with industry and entrepreneurs and creating new educational opportunities for graduate students.

FACULTY OF LAW

DEPARTMENT OF LAW

B.A. LL.B (Hons.) Five Year Integrated Programme



This course came into existence in September 2018. The B.A. LL.B. (Hons.) programme is divided into ten semesters (five months each) duration. Each semester comprises of theory subjects. In addition to this, course has the provision of experiential learning and dissertation work. This course endeavours to provide insight into the policy initiatives within the framework of the constitution and integrates legal studies with aspects of governance. The course is conceptualised and designed not only with the objective of encompassing in-depth knowledge of law but also to teach subjects like English, Sociology,

Economics, and Political Science. These courses help to understand how central and state governments function and how legislations are enacted and enforced. The students get a strong footing for undertaking professional legal education and to have a competitive acumen.

- To equip students with a sound understanding of the foundations of legal knowledge.
- To provide students the opportunity to study law from an extensive catalogue of optional subjects, covering the entire range of legal knowledge.
- To enhance students analytical, critical and research skills, equipping them with the generic skills they will need in their future careers.
- To expose and equip students to a wide range of disciplinary approach to legal study, encouraging them to reflect on the complexity of legal practice.

FACULTY OF MANAGEMENT STUDIES (FMS)



The Faculty of Management Studies has four departments offering one undergraduate programme and seven postgraduate programmes: viz. B.Com. (Hons.) and MBA, MBA (Agri-Business), MBA (E-Commerce), MBA (Business Economics), MBA (Finance and Control), MBA (HRD) and Master of Human Resource Development (MHRD). The department wise courses are classified as under:

Faculty of Management Studies

A. Undergraduate Programme

1. B.Com. (Hons.)

B. Postgraduate Programmes

1. Department of Business Management

MBA, MBA (Agri-Business), MBA (E-Commerce) & Ph.D. programme

2. Department of Business Economics

MBA (Business Economics) & Ph. D. programme

3. Department of Financial Studies

MBA (Finance and Control) & Ph. D. programme

4. Department of Human Resource Development

MBA (HRD), Master of Human Resource Development (MHRD) & Ph. D. programme

INFRASTRUCTURAL FACILITIES

(A) Computer Lab

The Faculty of Management Studies has two well-equipped computer laboratories. The system installed is core i5, 4GB Ram, 1 TB HDD, 15.6” colour monitor with multimedia and internet. There are around 100 computers and too high end servers, Laser and DeskJet printers.

(B) Library

The central library is enriched with management books and journals. The Faculty of Management Studies has also a faculty library enriched with management books and journals of national and international reposes.

(C) Conference Room

The Faculty of Management Studies is proud of having a state of the art conference/seminar room to conduct seminar/workshop/campus interviews.

(D) Meeting Hall

State of the art meeting hall to arrange meetings with corporate/resource persons etc.

SUPPORT FACILITIES

(A) Scholarship

We pursue for reimbursement of the tuition fee of the student who belongs to the unprivileged and economically weaker sections of the society. If the state government releases the sufficient fund, they can avail almost free education as per the rules and regulations.

(B) Training and Placement:

Since its inception, the faculty has been instrumental in shaping the training and placement needs of the students. We have been able to place our students in esteemed organizations. Along with several professional departments coming up, a combined training and placement cell has been set up to manifold the training and placement activities.

Placement of the students of final year in well-known reputed companies like: Thyrocare; PC Solutions Pvt. Ltd.; Sohan Lal Commodity Management Pvt. Ltd. and IndusInd Bank; ICICI Bank. The faculty also organizes special lectures on personality development and career counselling by eminent professors and distinguished people of the country like:

1. Prof. S.P. Gautam, Former Vice-chancellor, MJP Rohilkhand University, Bareilly
2. Prof. H.P. Mathur, FMS, BHU, Varanasi
3. Prof. Raj Kumar Singh, Director, IMS, BHU, Varanasi
4. Prof. Ashish Bajpayee, FMS, BHU, Varanasi
5. Prof. P.N. Mishra, Devi Ahilya University, Indore
6. Prof. Santosh N. Rangnekar, IIT Roorkee
7. Prof. O.P. Rai, Faculty of Commerce, BHU, Varanasi.
8. Prof. Akhil Mishra, Faculty of Commerce, BHU, Varanasi.
9. Dr. Ajay Kumar Singh, Delhi School of Economics, University of Delhi
10. Dr. Hemant Kumar, General Manager (HR), INDORAMA
11. Mr. Amit Chaturvedi, ISTD, Lucknow
12. Mr. M.M. Khan, Hindalco
13. Dr. Akhilesh Chandra Pandey, FMS, HNBGU, Srinagar
14. Dr. R.K. Lodhwal, FMS, BHU, Varanasi
15. Mr. B.K. Dhawan. Executive Director, SAIL
16. Prof. Ajay Wagh, IGNTU, Amarkantak (MP)

DEPARTMENT OF BUSINESS MANAGEMENT

The Department of Business Management of the University was established in 1990 to offer two years full time P.G. programme in Business Administration. Started with the annual student intake of 30, the Department has student enrolment of more than 200 with three full time M.B.A. courses cutting across the need based functional specialization areas of Management. It offers two year full time MBA, MBA (Agri-Business), MBA (E-Commerce) Programmes. In addition, the Department also offers facilities for pursuing doctoral level research (Ph.D.) in management and allied subjects.

The continuous effort of faculty, staff, students and administration has led the Department on the path of academic excellence through a number of achievements in the Department during the last few years. The department today enjoys a prominent position amongst the other management departments in state universities of comparable level. It has continuously contributed towards the creation and dissemination of knowledge in the area of business and management to the different target groups.

As it was recognized as a A+ category business school of the country in 2007 followed by its inclusion in the AICTEs list of one of the best practices following Department in the country. The Department has been identified one among the few technical Departments of the country adopting Best and Progressive Practices (Code of conduct for students and faculty members, including professional ethics and social responsibilities) by All India Council for Technical Education (AICTE), New Delhi. The distinguished features of the Department makes it a potential Center of Excellence in holistic management education and research with focus on Indian Ethos and Human Values in Management.

DEPARTMENT OF BUSINESS ECONOMICS

The Department of Business Economics started in the year 1998 with an objective to impart quality education in management discipline. The department offers Two year MBA(Business Economics) and the PhD programme with focus on developing analytical skills in specializations areas such as Marketing, Finance, HR, Logistics, International Business and Quantitative Techniques. The MBA(Business Economics) course is designed to cater to the requirement of the research based skills and knowledge of the corporate world. The course is an innovative blend of Economics, Commerce, Statistics and Management Science which gives the learners an edge in understanding the business functioning in a comprehensive way thereby enabling them to take effective and quality decisions. The Department presently focuses on the current research interest like Entrepreneurship, Macro Economic Policy, International Finance, Marketing, Consumer Behaviour, Labour Economics, Green Marketing ,Retail Management, Logistics Management and Services Marketing.

Curricular Activities:

The PG students of the department undergo summer internship of 4-6 weeks in organizations to understand the organizational functioning and project of their area of interest. Since last few years the students have undergone summer interns in reputed organizations like Sage India, Springer Ltd, BHEL and Saurashtra Kutch Stock Exchange Limited. The trainees were offered stipend ranging from Rs 7000 to Rs 15000 per month. Industrial visit is also undertaken to provide hands on experience of the organizational activities. Student seminars, Quizzes and other academic activities is a regular feature of the department. The students are also encouraged to participate in the academic and cultural competition organized by the other institutions. Recently students of the Department participated in the

7th National Fiesta Inter B School Quiz Competition organized by the Gurukul Kangri Vishwavidyalaya Haridwar.

Faculty Profile:

1. Prof Manas Pandey who is the Head the Department has over 27 years of teaching experience. He has several research papers to his credit in reputed national and international journal. He is also member of several academic bodies and associations. He has also visited several countries like Egypt, Portugal for invited lectures in the international conferences. Presently, he is the Executive Vice President of the Indian Commerce Association (ICA) which is one of the most prestigious and reputed commerce associations of international acclaim. Prof Pandey has also guided PhD scholars on various interest areas like Demonetization, Social Entrepreneurship and Mutual Funds etc.

2. Prof. Vikram Dev Sharma is the dean of the Faculty of Management Studies. He is having rich teaching experience and his interest areas are HR, Entrepreneurship, Economics and Labour Welfare. He has authored several research papers published in reputed journals. He is also guiding PhD scholars on various research areas like Entrepreneurship, Behavioural Economics etc.

3. Dr Ashutosh Kumar Singh is a faculty member having interest areas in Marketing, Consumer Behavior, and Quantitative Techniques. He has published research articles in various Management Journals. Dr Singh is also guiding PhD scholars on various areas of Marketing, Tourism Services etc.

Student Profile:

The PG students are having specialization in the areas of Marketing, Finance, HR, International Business and Logistics Management. The students are having diverse educational background ranging from Commerce, Management and Engineering. This diverse educational background of the PG students escalates the learning environment of the department and enables them to equip with the Management aspects of the organizational functioning. The department is having sound number of research scholars who flare the research acumen of the department by having valuable research input.

Alumni:

The alumni of the department are placed in respectable positions across the corporate and academics. Few alumni are also serving abroad and are supposed to be the ambassador of the department.

DEPARTMENT OF FINANCIAL STUDIES

The Department of Financial Studies was established in 1999 to keep pace with the requirements of educational up-gradation and challenges faced by the finance professionals of corporate sector. The course curriculum of MBA (Finance & Control) programme has been designed in consultation with eminent professionals from the industry, academics and government. It is regularly updated on the needs of industry.

The Department arranges summer training in the second semester and the final placement of students in industrial and commercial houses and reputed research organizations. Reaching new heights of academic excellence and setting a new parameter of performance in teaching, learning and evaluation, research, consultancy and extension, infrastructure and learning resources, students support and progression, organization and management and healthy practices. Apart from the class teaching, our pedagogy includes case study, presentations, problem solving and brain storming teaching methodology. The Department is mandated to produce skilled finance and management professionals,

consultants and academicians equipped with knowledge and practical training to suit the requirements of the corporate and academic world.

DEPARTMENT OF HUMAN RESOURCE DEVELOPMENT

The Department of HRD under Faculty of Management Studies was established in year 1999 with objective of providing education and training to the students of this region in the art of managing Human Resource. It aims to impart knowledge and professional skills to meet the demands of the changing business environment in the post liberalized economy, through strengthening linkages of business strategy to HR Strategies, Policies & Systems for sustainable development of any organization. The students are well placed in Public Sector Undertakings, Corporate Houses and Consultancy Organizations, performing the core activities of HR in managerial positions. The Department is actively working in many research and consultancy projects funded by eminent institutions such as ICSSR, UGC, UNICEF and HRD Ministry.

FACULTY OF SCIENCE



Faculty of Science has four Departments namely Bio-Technology, Micro-Biology, Bio-Chemistry and Environmental Science. The University offers M.Sc. degree courses in all the Departments and carries out research programmes in the area of Microbial Technology, Agriculture Biotechnology, Molecular Biology, Human Genetics, Mushroom, Biotechnology, Enzyme Technology etc. The Departments have expertise in various related fields and are engaged in advanced research activities. The Departments have signed MOUs with International and national organizations to excel in research. The Department of Biotechnology receives grants under FIST from DST, Govt. of India, New Delhi. The Faculty of Science keeps itself alive with regular academic activities like seminars, workshops, conferences, extracurricular activities etc. It is equipped with advanced and sophisticated laboratories.

A few teachers of the Faculty have received distinctions/awards like Fogarty Fellowship, FAO Fellowship, and Overseas Fellowship, etc.

DEPARTMENT OF BIOTECHNOLOGY (DST-FIST SUPPORTED)



The Department of Bio-Technology was established in 1999 after the University was recognized by the UGC under section 12 (B), and the residential status was conferred to it. Bio-Technology education programme was initiated with an impetus to generate a workforce that could turn into a substantially trained pool to meet the nation's demands. The students in the two-year Post-Graduate (M.Sc.) programme are admitted through Purvanchal University Combined Admission Test (PUCAT).

The Department since its inception has created given a strong base in Molecular Biology and Genetics, Genetic Engineering and Microbiology, in addition to the basic training given in Biochemistry, Biophysics, Bioinformatics, Biostatistics, Immunology, Tissue Culture and Environmental Biotechnology.

Over the years, Bio-Technology programme at the University has established itself as a leading academic centre both from the teaching as well as research point of view. Currently supported by the DST-FIST grant for equipment, books and computational facilities, The Department has received one-time equipment grant from the DBT, under 10th, 11th and 12th five-year plan from the UGC and building grants from the UGC and state government of Uttar Pradesh.

All the faculty members are actively engaged in research in the area of their expertise ranging from microbiology, environmental sciences to molecular biology, genetics and medical genetics and also in collaboration with faculty in other leading national institutions. So far, different research projects have been funded by many central/state funding agencies viz.-UGC, CSIR, DST, DBT and UPCST (approximately Rs. 2 Crore). Several research students have received direct Senior Research Fellowships from CSIR and ICMR. The Department has also been active in extension activities to address some of the societal needs related to Biotechnology, like promotion of mushroom cultivation, awareness generation about genetic disorders, Glucose 6-Phosphate dehydrogenase deficiency, AIDS, blood donation, blood testing activities etc.

INFRASTRUCTURAL FACILITIES:

- Two lecture rooms with capacity of 40 seats each.
- Centralized and Departmental electric generator facility.
- A large well-furnished air conditioned conference hall for
- Molecular Biology Lab.
- Microbial Biotechnology Lab.
- Mushroom Biotechnology Lab.
- Human Molecular Genetics Lab.
- Enzyme & Bioprocess Technology Lab.
- Medical Biotechnology/Bioinformatics lab

- capacity of 80.
- Computer laboratory
- Central instrumentation laboratory.
- Mushroom Training and Research Centre
- Departmental Library

CENTRAL INSTRUMENTATION FACILITIES:

Laminar flow hood (Horizontal)	Bacteriological Incubators	Automated Karyotyping work station
PCR (Thermocycler)	Millipore water purific. Systems	Deep freezer (-20°C)
UV-Cross linker	Centrifuges: Cooling and microcentrifuge,	Plant and animal Growth Chamber
UV VIS Spectrophotometer	Transilluminator	N 2000 nanodrop
Electrophoresis with power pack (H&V)	Trinocular microscope (epi-fluorescence)	Power backup 10 KVA
	Atomic absorption spectrometer	Colorimeter
Hybridization chamber	Refrigerators (Godrej, BPL, Videocon)	Ultrasonicator
	Cell Homogenizer	Rotary Orbital Shaker
Fermenter (Lab scale)	ELISA Reader	pH meters
CO ₂ incubator	BOD Incubators	Gel Doc. System
Deep freezer (-80°C)	Glass Water distillation systems	

ACTIVITIES

The Department regularly organizes series of events like quizzes, debates, science fest, etc. for overall development of the students, besides holding National Seminars. The Department has the reputation of nurturing the most competitive science talent of the nation since last sixteen years. Mentoring system was introduced to look after the problems of students at individual level. Regular feedback from the outgoing students about the teachers/courses are confidentially collected and are introspected by the faculty.

PLACEMENTS

Most of the students are well placed in Biotechnology industries like pharmaceutical, sugar mill, food processing, distilleries, etc along with in Government and Private Institutions in different divisions like R&D, Production and quality control. At present, some of the alumni are working as scientist/teachers in Central/State Government universities and colleges. Some of the students are working as doctoral and post-doctoral fellows/research students in abroad Germany, France, Estonia, Switzerland etc. Several students qualified NET (JRF-LS) eligibility tests conducted by CSIR and ICAR and SLET of various states.

DEPARTMENT OF MICROBIOLOGY

The Department was established in 2002 with a mission to provide knowledge about innumerable properties of microbes in the human welfare and to impart quality education in the area of Microbiology in eastern Uttar Pradesh with total intake of 20 students. The academic programme of the Department is reviewed, revised and updated time to time, keeping in mind the need for sharper focusing, modern researches in the area and current techniques in the field.

The Department has diversified interest in agriculture, industrial, Clinical and food microbiology. The 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 (*newer variety*) of Jaunpur. Department focuses on local problems related to human welfare such as microbial water quality assessment, increasing drug resistance towards antibiotics and food adulterations.



The Department runs full-time 2 years M.Sc. programme in Microbiology. It intends to impart special training to students who can easily handle and exploit the microbes for the better service of mankind. Regular seminars are organized in the Department for the students once in a week, where they speak on topic of their choice, in order to harness their oration skills and to create general awareness among them on different aspects of their syllabus. Passed out students are well placed in various Institutions, Universities and Industries of national and international repute.

The faculty in the Department has expertise in diverse fields with specializations ranging from Agricultural Microbiology, Biochemistry & Genetics of Cyanobacteria, Industrial Microbiology and Bioprocess Technology. Research papers, review articles, book chapters and books are published in nationally and internationally acclaimed Journals/Publishers by the faculty members.

INFRASTRUCTURE

The Department is well equipped with sophisticated, modern and routinely used instruments, central library equipped with huge collection of books, journals, magazines of national and international standard. The Department has computers with internet facilities.

ACTIVITIES

To meet the challenges to which the students has to face after completion of the course such as communication skill, leadership quality and personality development, the Department organizes several activities like Regular Presentation, Extempore, Quiz Contests, and seminar in which every student gets opportunity to present their ideas in different manner. The students in first semester are advised to carry out summer training of 6 to 8 weeks in research laboratories and industries to become acquainted with classical and modern techniques of the subject. As part of course curriculum students of fourth semester have to carry out a mini research project from reputed research Institution, University and industries which are evaluated by external experts. This leads to develop the ability to analyze the research problem, plan research proposal and execute independently.

PLACEMENT

The students are placed to get the jobs in Biotechnology, Pharmaceutical, Sugar, Food, Brewing and Chemical, industries (Cipla, Cadila, Sun Pharma, Sterile India, Alkame, Mylon, Necter Life Sciences, Kusum Health Care, Goel Protein etc); in Government and Private R&D institutions related to agriculture, medical and environmental studies (CIMAP, CDRI, NBRI, AIIMS, NBAIM, IITR, IARI, New Delhi, IITs, Hyderabad University, BHU, IMTECH, Chandigarh, TERI New Delhi, Agarkar Institute etc.); in Central and State government departments; in Government and Private universities and colleges; and as Research Scientists/Post Doctoral Fellows/Research students in abroad such as Germany, South Korea, Austria, Switzerland etc. Several students qualified NET (JRF-LS) eligibility tests conducted by CSIR and ICAR and SLET of various states.

DEPARTMENT OF BIOCHEMISTRY



Department of Biochemistry was established in 2002 with a mission to develop internationally competitive professionals with excellent research quality and teamwork skills, who can contribute to an exceptional talent pool in Uttar Pradesh, India and internationally. The academic program of the Department has been periodically reviewed, revised and updated, keeping in mind the need for sharper focusing, the available expertise at any given time, and the changes desired in curriculum. The Department has diversified interest in various enzymatic, physiological and biological processes.

The Department has been established to serve the increasing demand of quality Biochemists in the research and pharmaceutical companies, whilst striving for excellence and working towards its core value of inclusive growth for the greater human welfare. The Department offers a two year M.Sc. program. The course outlines have been meticulously designed by the renowned faculties from different Universities and Institutions of India. The course structure is designed according to the needs of modern biochemistry and it is updated periodically, implemented by the unique teaching approach and learning at the Department which sets them apart from other university or Institutes.

The pedagogy involves special emphasis on application of theoretical concepts and understanding of the Biochemistry. The Department mainly focus on holistic development of its students have already started making a difference in the life Science field. The Department has excellent facilities for teaching and research in Biochemistry. The department has two laboratories for M.Sc. students equipped with the sophisticated instruments required for the regular practical classes and basic research programs. The Department has its own Computer, Printer and photocopier machine for the betterment of students and faculties. The enriched central library caters to the immediate needs of the faculty as well as students. The Library has a stock of books for competitive exams like PG and Ph.D entrance, CSIR, GRE, GMAT, TOEFL, etc. which are availed by the students to enhance their knowledge horizons and prepare for the future challenges.



The faculties in the Department have diverse fields of specialization ranging from biochemistry, Functional genomics and proteomics of Cyanobacteria, Enzymology and microbial biodiversity, microbial biotechnology. Research papers, review articles, and book chapters are published in nationally and internationally acclaimed Journals by the faculty members.

INFRASTRUCTURE

The Department has excellent facilities for teaching and research in Biochemistry. It is aesthetically designed and well equipped with modern teaching gadgets. Department comprises of common rooms for students, store room and departmental office. The class rooms are provided with LCD projectors, OHP and other necessary furniture for effective teaching programme. The faculty and students can also avail the Conference Hall equipped with LCD for regular teaching, Seminars, Animated video sessions and Guest Lectures.



ACTIVITIES

To meet the challenges among the students has to face after completion of this course such as communication skill, leadership quality and personality development. The Department organizes several activities like –regular Presentation, Extempore, Quiz Contests, and seminar in which every student gets opportunity to present their ideas in different manner. First semester students are advised to carry out summer training of 6 to 8 weeks in modern research laboratories & industries to become acquainted with classical and modern techniques of the subject. As part of course curriculum students of fourth semester has to carry out small project report from reputed research Institution, University & industries. Thus, develop the capability to work and analyze the research problem.

PLACEMENTS

Our students have obtained jobs in Biotech, Pharma, Food, and Chemical industries (Cipla, Cadila, Sun Pharma, Sterile India, Alkame, Mylon, Necter Life Sciences, Kusum Health Care, Goel Protein etc); in Government and Private R&D institutions related to agriculture, medical and environmental studies (CIMAP, CDRI, NBRI, AIIMS, NBAIM, IITR, IARI, New Delhi, IITs, Hyderabad University, BHU, IMTECH, Chandigarh, TERI New Delhi, Agarkar Institute etc.); in central and state government departments; in Government and Private universities and colleges; and as Research Scientists/Post Doctoral Fellows/Research students in abroad such as Germany, South Korea, Austria, Switzerland etc. Several students qualified NET (JRF & LS) eligibility tests conducted by CSIR and ICAR.

DEPARTMENT OF ENVIRONMENTAL SCIENCES



The Department of Environmental Sciences was established in 2002 with a mission to nurture manpower excellence on global environmental issues. The academic programme of the Department has been periodically reviewed, revised and updated, keeping in mind the need for sharper focusing, the available expertise at any given time, and the changes desired in curriculum. The Department has diversified interest in various areas like Earth, atmospheric and biological processes, linkages between Ecological and Social processes

give an additional dimension to Department's interest, making the work relevant.

The Department runs 2 years M.Sc. course in Environmental Science. It intends to impart special training to students who can easily handle the emerging environmental issues faced by the society on the both technological and environmental fronts. The faculty in the Department is from diverse fields of specialization ranging from Environmental Biotechnology, Microbial Ecology, Environmental Toxicology, Environmental Chemistry, Environmental Modeling and Management, etc.

The Department organizes regular seminars during weekends for the students, where students speak on topic of their choice, in order to harness their oration skills and to create general awareness among them on different aspects of environmental issues. Department takes pride in not missing the celebration of Ozone Day, World Environment Day, Wildlife-week and World Water Day, etc. Students regularly participate in the extra-curricular activities organized by the University. Regular publications of research papers, review articles, and book chapters are published in nationally and internationally refereed Journals by the faculty members.

The students who have passed or are appearing in final examination of B.Sc. (Biology/Life Science/Agriculture/Mathematics) degree may apply for admission and shall be eligible to appear in the entrance test for admission to the M.Sc. Course.

INFRASTRUCTURE

To bring up an environmentalist among the students aptitude and attitude, they are provided with facilities like well equipped laboratory and enriched central library equipped with computers, books, journals, magazines of national and international standard. The department is equipped with lecture halls aesthetically designed and well equipped with modern teaching gadgets. The Department comprises of common rooms for students, store room and departmental office.

ACTIVITIES

To improve communication, leadership and interpersonal relation building quality, the department organizes several activities like -Role Playing, Regular Presentation, Extempore, Quiz Contests, and many others. To improve the creativity in students department organizes the seminar in which every student gets opportunity to present their ideas in different manner. An exposure of the application part of environmental research is availed by the students through 6-8 weeks summer training projects along with local area awareness programmes. The academic appetites of the students are catered through small research works in form of dissertation in the final semester. They learn the way to diagnose and analyze the research problems.

PLACEMENTS

Our students have obtained jobs in Government and Private R&D institutions related to agriculture, medical and environmental studies; in central and state government departments; in Government and Private universities and colleges; and as Research Scientists/Post Doctoral Fellows/Research students in abroad. To name some - CSIR-National Botanical Research Institute, Lucknow (UP); CSIR-National Environmental Engineering Research Institute, Nagpur (MAH.); CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow (UP); CSIR-Central Institute of Mining and Fuel Research, Dhanbad (Jharkhand); Central Soil Salinity Research Institute (ICAR), Karnal (Haryana); CSIR-IHBT, Palampur (Himachal Pradesh); Zindal Steels, Ahemdabad (Gujrat); Laurel Organics Limited, Gurgaon (Haryana) etc. Several students qualified NET (JRF & LS) eligibility tests conducted by UGC, CSIR and ICAR.

FACULTY OF APPLIED SOCIAL SCIENCES

DEPARTMENT OF APPLIED PSYCHOLOGY

The Department of Applied Psychology which came into existence in the University Campus in September, 1998 with a mission to impart quality, vocational and scientific education through basic and applied research, is steadily surging ahead as an eminent centre of excellence in the field of psychology. Today we feel distinguished and privileged for being the first ever Department of Applied Psychology in Uttar Pradesh. The department aims to achieve and endorse excellence in the field of psychology. An unique feature of Academic Programme offered by the department is state-of-the-art knowledge in applied psychology effectively complemented with the right blend of theoretical knowledge- analytical/ practical skills, industrial/ organizational training, communication, management, entrepreneurship motivation and training being the other obvious benchmarks. The department offers two year full time (four semesters) Master Degree in Applied Psychology.

Department has achieved recognition from International Registration of Counselor Education Program (IRCEP) and Council of Accreditation of Counseling Related Education Program (CACREP), USA in 2014.



OBJECTIVES

- To develop a new body of knowledge and skills, and make it available for those
 - Seeking challenging careers in the new era of liberalization and globalization.
 - To provide training to students in latest information and skills pertaining to applied psychology.
- To Shape up smart and competent professionals by ongoing modules of personality development programmes.

ACADEMIC PROGRAMMES ORGANISED

- Special Lecture by Prof. PC Mishra on topic “Stress and Health” on 22.09.2015
- Special lecture by Prof. NS Tung on “Multiple regression analysis and discriminate functional analysis” on 11.09.2015.
- Special lecture by Prof. CB Dwivedi BHU Varanasi, on “Indian Psychology” on 14.03.2015.
- Special lecture by Dr. Anjali Gupta, Noormanzil Psychiatric Centre, on “Training Programs in Clinical Psychology” on 05.02.2015
- Special lecture by Dr. Anvneesh Agrawal, Lucknow, on “Communication Skills and Personality Development” on 06.02.2015
- National Seminar on Emerging Trends in Applied Psychology, 11th & 12th Feb. 2014
- International Workshop on Counseling Skills in Health Profession and Schools 23-26 October 2013
- International Meet on Collaboration with American Universities and International Conference on Counseling and Community Psychology 17-19 December, 2011.

DEPARTMENT OF MASS COMMUNICATION



The Department of Mass Communication was established in 1998 with mission to impart education in the professional field of media. The aim was to enrich the students about media and its applications in today’s fast paced world. Department is running M.A. in Mass Communication. M.A. in Mass Communication is a two-year (full time) master degree programme designed to meet the growing demands for media professionals in the country.

The ongoing structural reforms, brought about by new socio-economic policy, has placed media at the centre stage in information sharing processes intermingled with the fast improving technologies, keeping this in view, the course seeks to prepare and shape who can contribute significantly in this field.

The M.A. in Mass Communication programme aims at providing the media world with highly trained and motivated professionals with high journalistic approach, capable of maintain and developing the new skills in communication technology as well as equipping the students with professional proficiency in the field of Mass Communication with special emphasis on Electronic and Print Media. The course also covers research, science communication, web journalism, public relations and advertising in sufficient detail.



INTERNSHIP

Each student undergoes internship in a media organization during summer vacation. After completion, each student submits a report on the experience she/he gained during the internship. The training they get from media institutions is particularly helpful in orienting students to the requirements of the industry.

Career Opportunities

Creative writing, article writing, Blog writing, Content writing, translator, proofreading, Wave copy editing, technical writing etc.

Seats: 30

Eligibility: Graduate in any discipline with 45% (40% for SC/ST) marks.

Program Duration: 2 Years Full-time (Four Semester)

Admission Procedure: Admission to the course shall be made on the basis of written test comprising of subjective and objective type questions. Written test shall be in Hindi and English for testing General Awareness and Communication Skill.

Fee Details: Rs. 31,000 (Annual)

INFRASTRUCTURE:

- Computer Lab, Video Cameras, Digital SLR Cameras, Final Cut Pro Software for Video Editing.
- Printing Practical's is done both in department as well as in reputed news paper publishing houses.
- A well equipped & furnished PHOTOGRAPHY facility.
- High Speed Internet facility.
- A well stocked University Central & Departmental Library providing a chance to refer books from the vernacular to the international.
- Separate hostel facilities are also available to both boys and girls. Preferences are given to outstation students.

SOCIAL MEDIA & DEPARTMENT

VBS Purvanchal University has an official Blog of university “PURABBANI” and page on facebook. It is operated and managed by Mass Communication department Dr. Manoj Mishra and Dr. Digvijay Singh Rathor. The main purpose of this blog is to promote and market the activities of university and to enhance the access to the world. University blog PURABBANI has been read by more than Sixty thousand people.

University Blog- <http://vbspurvanchaluniversity.blogspot.in/>

Facebook Page - <https://www.facebook.com/VbsPurvanchalUniversityJaunpurUpIndia>

Syllabus for Mass Communication

- Current events of national and international importance
- History of India and Indian National Movement
- Indian Polity and Governance
- Economic and Social Development
- General issues on Environmental ecology, Bio-diversity and Climate Change (Covers only general awareness of the issues)
- General Science
- Interpersonal skills including communication skills
- Logical reasoning and analytical ability
- General mental ability
- Journalism History

FACULTY OF ENGINEERING AND TECHNOLOGY



The Uma Nath Singh Institute of Engineering and Technology was started in 1997 with three departments in the faculty of Engineering and Technology at Veer Bahadur Singh Purvanchal University, Jaunpur. Initially, the institute launched its academic activities with strength of hundred students. In the year 2002, the institute raised the annual intake up to 360. In a very short span of time, the institute established all the facilities to impart effective

education to the students. The institute achieved the distinction as one of the best equipped institute of

the state. The institute boasts of having adequate numbers of faculty members with well-furnished laboratories in each discipline. Recently faculty of Engineering & Technology received an appreciated grant of **TEQUIP- phase III** from government of India. The grant will help to make a better academic environment improving the infrastructural and laboratory facilities in the faculty.

DEPARTMENTS

- Electrical Engineering
- Electronics & Communication Engineering
- Mechanical Engineering
- Computer Science & Engineering
- Information Technology
- Electronics & Instrumentation Engineering
- Computer Application (Offering MCA Program)
- Department of Mathematics
- Department of Physics
- Department of Chemistry
- Department of Humanities and Social Sciences



ADMISSION PROCEDURE:

Admissions are made through UPSEE. The Department fetches the candidates with very high ranking in UPSEE. For fee structures and others details, one can visit the University official website <http://www.vbspu.ac.in>

DEPARTMENT OF ELECTRICAL ENGINEERING

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. The discipline has qualified and experienced faculty members, along with e-learning facilities like teleconferencing, virtual classroom program and online access to all reputed international Journals. 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. Mr. Rajnish Bhasker is heading the Departmental activities.

LABORATORIES: The Electrical Engineering discipline has established a Network Lab, Control System Lab, Instrumentation Lab, Electric Drive Lab, Electrical Machine Lab and procured software like MATLAB, Power World simulator, PSIM, EMTP etc. to enhance the understanding of the corresponding theory courses.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING AND DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Since its inception in 1997, the Department of Electronics has been imparting quality education towards B.Tech. degree in the discipline of Electronics Engineering. The Department initially started with an intake of 30 students. In the year 2002, an Expert Committee constituted for the purpose to diversify the academic activities of the existing department suggested to expand the Electronics education keeping in view empower needs and job opportunities. Accordingly it was decided to run two departments namely Department of Electronics & Communication Engg. and a Department of Electronics & Instrumentation Engg. Since year 2002, B. Tech. program in the Department of Electronics and Communication & the Department of Electronics and Instrumentation Engineering are being offered successfully with an annual intake of 60 students in each discipline. Departments have created suitable laboratories, library and other instructional facilities to cater the need of academics. We have been regularly upgrading the curriculum looking into the rapid changes in technology and industrial requirement. Our students have displayed an international standard as is evident looking into their absorption in various organizations, industries and other institutions of national and international repute. The Departments have been organizing various curricular and extracurricular activities together with Workshops, Conferences, National Science Day, Engineers Day and Teachers Day celebrations. Such programs are volunteered by our students and guided by the very energetic faculty members of the Departments.

Needless to mention, the departments have drawn faculty members who are alumni of national institutions of repute in the country eg. IIT Roorkee, Allahabad University, HBTI Kanpur, SRM University, SHIATS Allahabad etc. Faculty members are specialized in various core as well as

advanced areas in the Electronics Engineering for example photonics and fiber optics, pipelining and parallel processing, digital audio broadcasting, microprocessor and microcontroller, IDMA Systems, embedded system, CDMA technologies, advance instruments, neural networks, micro and smart systems, bio-medical instrumentation, etc. Faculty members provide an able guidance to the students to update their knowledge in advance technologies. Departments have arranged several expert lectures from the persons specialized in the advanced technologies through which faculty members and students benefit a lot.

The Departments runs its administration under the guidance of senior teachers as Prof. B. B. Tiwari (Head of dept. & Dean, Faculty of Engineering & Technology) and others. These faculty members have wide exposures from their services in various reputed institutions of the country.

A new auditorium namely Vishwesharaiya Sabhagar with a capacity 300 seats has been established in the department very recently.

Laboratories: Digital Electronics, Electronics Engineering, PCB & Workshop, Communication System, Optical Fiber Communication, CAD, Measurement, Instrumentation, Sensor & Transducer, Microcontroller & Microprocessor, Telemetry and Microwave,

The Department is equipped with adequate numbers of computers with internet connection with optical fiber broad band connection in the campus. Department is equipped with audio visual facilities for catering effective education.

In the earlier session department has established and modernized several new laboratories and augmented the others to the tune of Rs. 60 Lacs. We have very recently procured OPTISIM S/W for simulation studies in the area. A new control system lab has also been added in the last session. In the last summer a one week interaction program on Microwave/RF system and Photonics technologies was successfully organized which drew the eminent experts from academic, industries, R&D organization and ISRO etc.

Laboratories are supported with software like MATLAB, MULTISIM, ORCAD. Department also has a plan to procure another set of laboratory facilities like Bio-Medical Instrumentation Lab, Advance Communication Lab, DSP Lab etc. to strengthen the laboratories exposure to the students. Department has a plan to introduce PG program and Ph. D. program as well in near future. Various expansion activities are in the pipeline towards strengthening, library, laboratory, computing facility, Classroom modernization, and Departmental auditoriums and building spaces.

Software Availability: XILINX, ORCAD PSPICE, CADENCE, LABVIEW, OPTISIM

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science & Engineering was established to meet the demand for well-qualified computer professionals and was conceived in the year 1997. The Department offers a 4-year degree program in Computer Science & Engineering and P. hD. Program in Computer Science & Engineering. The program focuses on theoretical computer science as well as software and application development.

Department has well qualified and vibrant faculty dedicated for the betterment of the students. Most of the passed out students are well placed or have opted for higher studies. The department has provided a well-equipped computer lab with latest computer softwares. The Laboratories are installed with broad-band internet facility. The annual intake of the department is sixty students. The department ensures that program objectives are constantly met and learning outcomes are monitored through periodical test and assignment. The department consists of well qualified engineering professionals with extensive teaching experience. Faculty members hold postgraduate and undergraduate degrees from renowned institutions with specializations in different subjects.



Career guidance is provided to students from training and placement officer. Special classes are arranged for the benefit of students needing extra help and a one to one interaction with respective lecturers. The Departments runs its administration under the guidance of Dr. Sanjeev Gangwar.

Department is heavily involved in Co-curricular activities and efforts are made to motivate students to participate in different activities like cultural program, sports activities, and quiz competition namely “IT’S CRITICAL” open for all B. Tech. student

DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology was established in 2002 with an annual intake of sixty students. This undergraduate program is of 4 years duration. The Department offers a broad curriculum including Database Management, Software Engineering, Artificial Intelligence, Data mining, Computer Graphics, Advanced Internet Technology, Computer Networks, Operating System, Data Structures, Distributed System and Algorithms as the main courses and other courses in collaboration with the other departments of the institute at the undergraduate level.

The department constitutes of eminent & young faculty members with a wide range of domain knowledge and industry exposure. The Department strives to provide hands on education to all of its students. The department has brought out outstanding engineers in the past and will continue to do so in the years to come. The department has excellent Infrastructure. Faculty members take part actively in the Faculty Development Programs, Workshops, Conferences and Seminars arranged by other Academic institutions.

The Department Laboratories are equipped with broad-band internet facility like –

- Software Engineering Lab
- Database Management System Lab
- Computer Network Lab
- Web Technology Lab
- Distributed System Lab
- Operating System Lab
- Algorithms Lab
- Computer Graphics Lab
- Artificial Intelligence Lab
- Cryptography & Network Security Lab
- Project Lab.

Laboratories are supported with licensed software like MATLAB, ORACLE, MS OFFICE 2016, and WINDOWS 10.

Dr. Sanjeev Gangwar is working as Head of Department. He has published more than 10 research papers in different journal of International and National repute.

Infrastructure & Facilities:

LABORATORIES: Computer Programming Lab (C/C++), Database Management System Lab, Computer Network Lab, Software Engineering Lab, Compiler Lab, Artificial Intelligence Lab, Project Lab, Operating System Lab, Algorithm Lab, Digital Image Processing Lab and Distributed system Lab.

The Laboratories are equipped with broad-band internet facility. Laboratories are regularly updated to cater to the student's needs. A smart class room is established in the department that can be used to aid and enhance instruction of a course. The exceptional advantage of smart classroom makes typical classroom sessions more interactive, interesting and allows students to learn different fields of studies in a structured, easy-to-understand and syllabus-compliant manner. Laboratories are supported with licensed software like MATLAB, ORACLE, MS OFFICE 2016, and WINDOWS 10.

Hardware:

- Computer Lab : Number of nodes = 60

Node

- Intel Pentium IV – HT , 3.00 GHz
- 1 GB DDR RAM , 80 GB SCSI HDD
- 2 MB Cache Memory
- 52X CDROM , 15” LCD Color Monitor

Software

Operating Systems: Windows 8.1/10/Linux/Unix

Languages: Borland C / C++; Turbo C++; JDK 1.5 /JDK 1.6

Office Automation Package: MS Office 97/2000/2003/2007/2010/2016

Multimedia Package: Macromedia Director MX; Macromedia Studio MX (Which includes Flash MX, Fireworks MX, Dream weaver MX, freehand); Adobe Photoshop Creative Suite (Which includes Go Live, Photoshop, Illustrator, In design); Adobe Page Maker 7.0; Corel Draw 12.0 Graphics Suite; Macromedia Director 7.0 / Flash 3.0 AE ; MS Front Page 2003

Other Packages: MATLAB, ORACLE, MS Visual Studio; NET 2003 Ent Arch; Visual Studio 6.0 AE

RDBMS: Oracle 8i / 10 G Std One; Developer 2000; Crystal Reports 8.5 Developer Edition; MS SQL Server 7.0 AE

Accessories: Multimedia Projectors; Over Head Projectors; Laser, Inkjet, Dot Matrix Printers; Digital Camera, Video Camera; CD Writers, DVD Writer.

Broadband Internet Connection: Internet Access with 10 GBPS Broadband Connectivity.

DEPARTMENT OF MECHANICAL ENGINEERING



The Department was established in 1997 to cater to the needs of B. Tech 1st year students of other engineering disciplines. It started its own B. Tech degree course in 2002 with an intake of 60 students. The Department is honored with the affirmation of higher rankers of UPSEE (Entrance Test) for the last few years. The Department is fully equipped to meet the requirements of B.Tech course and some of the courses of M.Tech. Fourteen batches have already passed with good placements and many have qualified

GATE and CAT examinations consistently to continue higher studies for post-graduation from various IIT's, IIM's, NIT's and other reputed institutes. The Department is looking for its own postgraduate program (M. Tech.) in CAD/CAM and Thermal Engineering for which Board of Studies (B.O.S.) has already passed the proposal. The curriculum of the Department is so designed that the students could be offered the updated and refreshed knowledge of the field. It has highly qualified and experienced faculties, the greater part of those are a product of engineering college of very high reputed such as IIT, NIT and other reputed engineering institutes of national and international fame. An interactive relationship is maintained between the students and staff which enable the students



to develop a sound foundation in the stream in a conducive environment. This is also reflected in our campus placement in which a good number of our students getting placed in the top industrial organizations.

DEPARTMENT OF MATHEMATICS

Mathematics is deeply rooted in all sciences and has a leading role in all engineering streams. The department of Mathematics came into existence way back in 1997 with the inception of Uma Nath Singh Institute of Engineering & Technology in the campus of the University. The Department is a good center of teaching, learning and research as many articles of the faculty members have been published in Science Citation Indexed (SCI) journals. The Department keeps in pace with the advances in technology by providing basic knowledge to the students enrolled in the B. Tech., M.Sc., B. Pharm., M.C.A. and M.B.A. programmes. Swami Vivekanand central library and UNSIET Library both have a large collection of good books and e-books on Mathematics. Faculty of the Department adopts some modern teaching approaches to explain the concepts geometrically rather than using only mathematical equations. The Department has highly qualified faculty members from reputed institute/colleges like IIT Roorkee, MNNIT Allahabad and TDPG College, Jaunpur. Department usually provides some extra classes to academically weaker students.

DEPARTMENT OF PHYSICS



Physics Department was established in 1997 to impart the knowledge of Physics to all Engineering students studying at Uma Nath Singh Institute of Engineering & Technology. The Department has a well-equipped laboratory of capacity 60 students. The experiments in the laboratory include notably Optics, Mechanics, electricity, magnetism etc. The running courses Engineering Physics-I and Engineering Physics-II cover different topics of Physics like

Optics, Fiber optics, Laser, Theory of relativity, Electromagnetism, Holography, Quantum Mechanics and Nanotechnology etc. are taught to all the students of Engineering. A large collection of books on various topics of Physics are available in the Library of Engineering as well as in Vivekanand Central Library. Department has a proposal to open P.G. course in near future.

Dr. Santosh Kumar is working as Head of the Department from last 14 years. Dr. Kumar received his M.Sc. (First rank holder of his batch) & D. Phil. degree from University of Allahabad, Allahabad. He has published more than 10 research papers in different journal of International and National repute.

DEPARTMENT OF CHEMISTRY

Chemistry department was established in 1997 in the campus of V.B.S. Purvanchal University, Jaunpur. Department assists to other Engineering departments offering B. Tech. degrees. The faculty members of the Department have good publications in peer-reviewed journals related to Physical, Analytical and Organic Chemistry. The Department possesses a well-furnished and established laboratory with a capacity of 60 students. The Department courses-Engineering Chemistry and Environment & Ecology cover Physical Chemistry, Organic Chemistry and Analytical Chemistry. A large collection of books covering the whole syllabus are available in the Library of Engineering as well as in Vivekanand Central Library. Recently, a proposal for opening M. Tech. program in Industrial Chemistry is under pursuance.



Dr. A. K. Srivastava (Dean, Faculty of Engineering & Technology) is working as Head of Department. He has published over 15 research papers in refereed national/international journals.

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

The Department of Humanities and Social Sciences was established in 1997 at the campus of V. B. S. Purvanchal University, Jaunpur. The Department of Humanities and Social Sciences is headed by Prof. B. B. Tiwari. The different courses for B.Tech. students notably Remedial English, Professional Communication, Human Values, and Professional Ethics, Industrial Psychology, Industrial Sociology, Managerial Economics, and Industrial Management are taught by the Department. Language lab has been established in the department and its modernization is in progress.

DEPARTMENT OF COMPUTER APPLICATIONS

The Department of Computer Applications was started in 1997 initially with the intake of 30 students which is now increased to 60 students. The Department offers MCA degree, which is a three-year Post-Graduate programme in Computer Applications. Keeping in mind today's fast paced world's need the MCA course is designed to make software professionals in the field of computer applications with a blend of Management techniques keeping emphasis on application with sound theoretical knowledge. Internal faculty members and external expert from Industries and other reputed universities are continuously reviewing the MCA course-curriculum. It strives hard to develop world class, self-disciplined Computer Professionals who will be responsible for uplifting the economic status of the Nation and humanity. The department also offers admission in research programme (Ph.D), currently 14 research scholars are perusing their research. The department also offers post

doctoral fellowship for tenure of three years; currently one PDF is working in the department. Dr. Saurabh Pal, Head of Department, leads the activities of the Department with his learned team.

Infrastructure & Facilities:

Hardware:

- Computer Lab : Number of nodes = 35
- Number of servers = 1

High end machines are used as nodes and servers. The laboratory also has multimedia facility and the configuration of the server and nodes are:

Server

- Intel Pentium IV – HT , 3.00 GHz
- 1 GB DDR RAM , 80 GB SCSI HDD
- 2 MB Cache Memory
- 52X CDROM , 15” Color Monitor

Node

- Intel Pentium IV – HT , 3.00 GHz
- 1 GB DDRAM , 80 GB SCSI HDD
- 2 MB Cache Memory
- 52X CDROM , 15” LCD Color Monitor

Software

Operating Systems: Windows Server 2003 R2 /XP Professional/Linux/Unix

Languages: Borland C / C++ ; Turbo C++ ; JDK 1.5 /JDK 1.6

Office Automation Package: MS Office 97/2000/2003/2007/2010

Multimedia Package: Macromedia Director MX; Macromedia Studio MX (Which includes Flash MX, Fireworks MX, Dream weaver MX, freehand); Adobe Photoshop Creative Suite (Which includes Go Live, Photoshop, Illustrator, In design); Adobe Page Maker 7.0; Corel Draw 12.0 Graphics Suite; Macromedia Director 7.0 / Flash 3.0 AE ; MS Front Page 2003

Other Packages: MS Visual Studio; NET 2003 Ent Arch; Visual Studio 6.0 AE

RDBMS: Oracle 8i / 10 G Std One; Developer 2000; Crystal Reports 8.5 Developer Edition; MS SQL Server 7.0 AE

Accessories: Multimedia Projectors; Over Head Projectors; Laser, Inkjet, Dot Matrix Printers; Digital Camera, Video Camera; CD Writers, DVD Writer.

Broadband Internet Connection: Internet Access with 10 GBPS Broadband Connectivity.

INSTITUTE OF PHARMACY



Institute of Pharmacy

full-fledged PCI and AICTE approved working Institute with latest modern instruments and equipment.

The strong base of the institute has been built on by its veterans and now bank on a very strong faculty strength which is one of the largest one on the board of any Department in the University campus. A good number of publications which include research papers, review articles and academic and research awards simply convey the success story. Conferences, Seminar and Workshops have added value in the education system of the institute.

The institute has strong focus for B. Pharm Course and aspires to start Pharmacy Practice Course and M. Pharm very shortly.

The scenario of placement is quite sparkling with a potential of 100% employment. The pass-outs with undergraduate's degree are the most sought-after in industry, research and for varied professional services. Prof. B. B. Tiwari Director and Mr. Rajeev Kumar is head the department.

The success of the alumni of the Institute just cannot be measured by standards and parameter, in convention. Their innovation and entrepreneur skill have helped them to lead the Indian Pharma World. This role in revolutionary evolution of Indian Pharma industries and other pharma domain are unparalleled for what they have achieved. The Institute of Pharmacy has an academically charged and progressive environment for the professional excellence of student for their career.



Courses:

Bachelor of Pharmacy (B. Pharm.)

- Four year full time Graduate level programme in pharmacy.
- Eligibility: 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.
- No. of Seats: 60, reservation as per U.P. Government/University rules.
- Lateral Entry (B. Pharm 2nd year (3rd Sem.) is subject to availability of seats in the year. Selection Procedure: The selection will be based on performance of the candidate in UPSEE.

Facilities

Building

A three-storied building comprising of 8 lecture hall and 4 multipurpose Hall, 1 conference hall, 1 Seminar hall 3 Pharmaceutics Laboratories, 3 Pharmaceutical Chemistry Laboratories, 1 Pharmacognosy Laboratory, 2 Pharmacology Laboratories, 1 Pharmaceutical Analysis Laboratory, 1 Microbiology/Biotechnology Laboratory, 1 machine room and 1 Central Instrumentation Laboratory, departmental library , separate common rooms for boys and girls with attached facilities, 2 store room, animal house, museum, computer center, computer laboratory having 60 desktop with 1000 mbps broadband connection, and departmental office. It is aesthetically designed and well equipped with

modern teaching gadgets. Library is equipped with computers, more than 8000 books, journals, periodicals, magazines and newspaper.

14 Faculty rooms with attached facilities and with 1000 mbps broadband connection

1 Director Room with attached facilities and with 1000 mbps broadband connection

1 Office rooms with attached facilities and with 1000 mbps broadband connection

1 Central gas supply room

1 Genset each 35kVA for uninterrupted power supply

Equipments

Laboratories are having various equipment like Haemocytometer with Micropipettes, Sherrington's Kymograph Machine / Polyrite, Actophotometer, Rotarod, Analgesiometer, Convulsiometer, B.O.D. Incubator, Laminar air flow, Sterility testing unit, Flourimeter, Projection Microscope, lyophilizer, Homogenizer, Brookfield's viscometer, UV-VIS spectrophotometer etc.

Activities

Industrial/Educational Visit





NO. OF SEATS AND TUITION FEE IN THE DIFFERENT COURSES OF THE UNIVERSITY CAMPUS

Courses Offered

1. FACULTY OF MANAGEMENT STUDIES

UG Programmes				
Course(s)	Eligibility	No. of seats	Annual fees (Rs.)	Additional seats*
B. Com. (Hons)	Intermediate or equivalent examination with commerce or economics or mathematics as one of the subjects of study. (40% marks for Gen/OBC & 33 % for SC/ST.	60	10,000	Nil

PG Programmes					
Department	Course(s)	Eligibility	No. of seats	Annual fees (Rs.)	Additional seats*
Business Management	M.B.A.	Graduate in any discipline with minimum of 45% marks (40% for SC/ST and OBC) or Post Graduate with 55% marks (50% for SC/ST and OBC)	60	51000	40
	M.B.A. (Agri Business)		60	51000	40
	M.B.A. (E-Commerce)		60	51000	40
Business Economics	M.B.A. (Business Economics)		60	51000	40
Financial Studies	M.B.A.(Finance & Control)		60	51000	40
Human Resource Development	M.B.A.(HRD)		60	51000	40

Note:

- 30 Seats in M.B.A. (HRD), M.B.A. (Business Economics) and M.B.A. (Finance and Control) will be filled through PUCAT-2019 and remaining 30 seats through UPSEE-2019)
- Admission in the above courses will be initially from UP State Entrance Examination (UPSEE-2019). In case seats lie vacant after UPSEE-2019 counseling, admissions for M.B.A. courses shall be made through PUCAT-2019.

2. FACULTY OF APPLIED SOCIAL SCIENCE AND HUMANITIES

Department	Course(s)	Eligibility	No. of seats	Annual fees (Rs.)	Additional seats*
Applied Psychology	M.A (Applied Psychology)	Graduate in any discipline with minimum 45% marks (5% relaxation to SC/ST candidates)	60	31000	20
Mass Communication	M.A (Mass Communication)		60	31000	20

- Admission shall be made through PUCAT-2019.

3. FACULTY OF SCIENCE

UG Programmes (Direct Admission)				
Course(s)	Eligibility	No. of seats	Annual fees (Rs.)	Additional seats*
B. Sc. (Zoology, Botany, Chemistry)	Intermediate Science with Biology group or equivalent examination (40% marks for Gen/OBC & 33 % for SC/ST.	60	10,000	Nil

PG Programmes					
Department	Course(s)	Eligibility	No. of seats	Annual fees (Rs.)	Additional seats*
Biotechnology	M.Sc. (Biotechnology)	Graduate in Biology/medicine group with minimum 50% marks	60	51000	40
Microbiology	M.Sc. (Microbiology)	B.Sc. (Biology/Life science) with minimum 50% marks	60	51000	40
Biochemistry	M.Sc. (Biochemistry)	B.Sc. (Biology/Life science) with minimum 50% marks	60	51000	40
Environmental Sciences	M.Sc. (Environmental Science)	B.Sc. (Biology/Life science/agriculture/mathematics) with minimum 50% marks	60	51000	40

- Admission shall be made through PUCAT-2019.

4. PROF. RAJENDRA SINGH (RAJJU BHAIYA) INSTITUTE OF PHYSICAL SCIENCES FOR STUDY & RESEARCH

UG Programmes (Direct Admission)				
Course(s)	Eligibility	No. of seats	Annual fees (Rs.)	Addition al seats*
B. Sc. (Physics, Mathematics, Chemistry)	Intermediate Science with Mathematics group or equivalent examination (40% marks for Gen/OBC & 33 % for SC/ST.	60	10,000	Nil
B. Sc. (Physics, Mathematics, Geology)		60	10,000	Nil

PG Programmes				
Department	Course(s)	Eligibility	No. of seats	Annual fees (Rs.)
Physics	M.Sc. (Physics)	B.Sc. with Physics as a subject up to 3 rd year and Mathematics as a subject at least up to 1 st year from a recognized university	60	21000
Chemistry	M.Sc. (Chemistry)	B.Sc. with Chemistry as a subject up to 3 rd year from a recognized university	60	21000
Mathematics	M.Sc. (Mathematics)	B.Sc. with Mathematics as a subject up to 3 rd year from a recognized university	60	21000
Earth and Planetary Science	M.Sc. (Applied Geology)	B.Sc. with any two of the following subject Geology, Physics, Mathematics, Chemistry and Life Sciences (Zoology and/or Botany) from a recognized University.	60	21000

- Admission shall be made through PUCAT-2019.

5. FACULTY OF MEDICINE

Department	Course(s)	Eligibility	No. of seats	Annual fees (Rs.)
Pharmacy	B. Pharm	As per UPSEE-2019	60	76000
	B. Pharm (lateral Entry)	D. Pharm. with First Division	Against vacant seats	76000

- Admission shall be through UP State Entrance Examination (UPSEE-2019). In case seats lie vacant after UPSEE-2019 counseling, admissions shall be made through UPSEE-2019 qualified candidates.

6. FACULTY OF LAW

Course(s)	Eligibility	No. of seats	Annual fees (Rs.)
B.A. LL.B. (Hons.) [5 Yrs. Integrated Course]	Intermediate or equivalent examination (45% for UR, 42% for OBC & 40% for SC/ST).	120	41000

7. FACULTY OF ENGINEERING & TECHNOLOGY

Department	Course(s)		Eligibility and Mode of Admission	No. of seats	Annual fees (Rs.)	Additional seats* for UG courses
	UG	PG				
Computer Science and Engineering	B. Tech (CSE)	----	As per UPSEE - 2019	60	61000	40
Electronics and Communication Engineering	B. Tech (ECE)	----		60	61000	40
Electrical Engineering	B. Tech (EE)	----		60	61000	40
Electronics and Instrumentation Engineering	B. Tech (EI)	----		60	61000	40
Information Technology	B. Tech (IT)	----		60	61000	40
Mechanical Engineering	B. Tech (ME)	----		60	61000	40
Computer Application	----	MCA		60	61000	40
Computer Application	BCA (3 yr course)	--	10+2 passed in any subject	100	20000	Nil

- A. Admission shall be through UP State Entrance Examination (UPSEE-2019). In case seats lie vacant after UPSEE-2019 counseling, admissions shall be made in B. Tech courses only for UPSEE-2019 qualified candidates.

B. Admission in MCA will be initially from UP State Entrance Examination (UPSEE-2019). In case seats lie vacant after UPSEE-2019 counseling, admissions for M.C.A. courses shall be made through PUCAT-2019.

Reservation of Seats: Reservation of seats shall be as per the U. P. State Government/ University norms. Relaxation of 5% marks in the qualifying degree examination is applicable for SC/ST candidates. University also reserves the rights to admit University Employee wards as per VBS PU rules.

Additional seats*: For additional seats (Direct Admission) fee is Rs. 1,00,000/- per year

SYLLABUS OF ENTRANCE TEST

Syllabus of Entrance test and other related information are given below:

- The questions in the admission Test shall be printed on the answer-booklet issued to the candidates at the commencement of the PUCAT-2019, and the answers thereto shall be entered in the OMR sheet.
- For each course question paper shall be Multiple-choice type Questions.
- There will be no negative marking.

B. Com. (Hons.)

The question paper will contain 100 questions (Multiple Choice Questions).

Duration: 2 Hours

A.	Mathematics Upto 10 th Standard	25 Questions
B.	Reasoning	25 Questions
C.	Current Affairs	50 Questions

BA LLB Integrated Programme

The admission test shall be of duration **Two hours** and shall comprise of one Paper with a maximum of **200 marks**. The paper shall be as follows:

A.	Language Comprehension (i) Hindi-10 questions (ii) English-20 questions	60 marks
B.	(i) Reasoning, Mental Ability-20 questions (ii) Legal Aptitude-20 questions	80 marks
C.	General Awareness and Current Affairs-30 questions	60 marks
	Total – 100 (Multiple Choice Questions)	200 Marks

Important: The paper of the admission Test shall have emphasis on familiarity with legal and constitutional matters.

Common Question paper will be for admission test in **MBA, MBA (E-Com.), MBA (Agri-Business), MBA (Business Economics), MBA (Finance & Control), MBA (Human Resource Development)**

The Question Paper will contain 100 questions (Multiple Choice Questions).

Duration: 2 Hrs

A.	Mathematics Upto 10 th Standard	20 Questions
B.	Reasoning	20 Questions
C.	Current Affairs	10 Questions
D.	General Management	50 Questions

MA in Mass Communication

The Question Paper will contain 100 questions (Multiple Choice Questions).

Duration: 2 Hrs

A.	Journalism (BA Level Purvanchal University Syllabus) – 20 Question
B.	General Studies – 20 Question
C.	Reasoning – 20 Question
D.	General Hindi & General English – 20 Question
E.	Indian Constitution, Ancient Indian History, Indian Economy, General Geography – 20 Question

MA in Applied Psychology

The Question Paper will contain 100 questions (Multiple Choice Questions).

Duration: 2 Hrs

A.	Reasoning – 20 Question
B.	Arithmetic – 20 Question
C.	General Studies – 20 Question
D.	General English Grammar – 20 Question
E.	Psychology (Fundamental of Psychology and Human Brain Physiology) – 20 Question

Common Question paper will be for admission test in **M.Sc. Biotechnology, M.Sc. Microbiology, M.Sc. Biochemistry and M.Sc. Environmental Sciences.**

The Question Paper will contain 100 questions (Multiple Choice Questions).

Duration: 2 Hrs

A.	General Science, General Knowledge, Reasoning, General Mathematics – 25 Questions
B.	Zoology (from B.Sc. syllabus of VBS Purvanchal Univ., Jaunpur) – 25 Questions
C.	Botany (from B.Sc. syllabus of VBS Purvanchal Univ., Jaunpur) – 25 Question
D.	Chemistry (from B.Sc. syllabus of VBS Purvanchal Univ., Jaunpur) – 25 Question

Syllabus for MCA

The Question Paper will contain 100 questions (Multiple Choice Questions).

Duration: 2 Hrs

MATHEMATICS: (30 questions)

- **Set Theory:** Concept of sets – Union, Intersection, Cardinality, Elementary counting; permutations and combinations.
- **Probability and Statistics:** Basic concepts of probability theory, Averages, Dependent and independent events, frequency distributions, measures of central tendencies and dispersions.
- **Algebra:** Fundamental operations in algebra, expansions, factorization, simultaneous linear /quadratic equations, indices, logarithms, arithmetic, geometric and harmonic progressions, determinants and matrices.
- **Trigonometry:** Simple identities, trigonometric equations properties of triangles, solution of triangles, heights and distances, general solutions of trigonometric equations.

ANALYTICAL ABILITY & LOGICAL REASONING: (30 questions)

The questions in this section will cover logical situation and questions based on the facts given in the passage.

COMPUTER AWARENESS: (20 questions)

- **Computer Basics:** Organization of a computer, Central Processing Unit (CPU), structure of instructions in CPU, input/output devices, computer memory, and back-up devices.
- **Data Representation:** Representation of characters, integers and fractions, binary and hexadecimal representations, binary arithmetic: addition, subtraction, multiplication, division, simple arithmetic and two's complement arithmetic, floating point representation of numbers, Boolean algebra, truth tables, Venn diagrams.

GENERAL ENGLISH: (20 questions) Questions in this section will be designed to test the candidates' general understanding of the English language. There will be questions on the following topics: Comprehension, vocabulary, Basic English Grammar (like usage of correct forms of verbs, prepositions and articles), word power, synonyms and antonyms, meaning of words and phrases, technical writing.

PROF. RAJENDRA SINGH (RAJJU BHAIYA) INSTITUTE OF PHYSICAL SCIENCES FOR STUDY & RESEARCH

Common Question paper will be for admission test in **M.Sc. (Physics), M.Sc. (Mathematics), M.Sc. (Chemistry) and M.Sc. (Applied Geology)** in Duration of the examination is two hours. **The question paper will contain six sections: A (Physics), B (Mathematics), C (Chemistry), D (Zoology), E (Botany), F (Geology).** Each section will have **50 questions (Multiple Choice).** Candidate have to attempt two sections from the subjects which were in final year of his/her qualifying degree (UG) programme.

Syllabus of Section A: Physics

The section will contain 50 questions (Multiple Choice Questions)

Mechanics: Vectors, Gradients, Divergence and curl; Gauss, Stoke's & Green's Theorems, Vectors Identities. Moment of inertia, Two particle problem reduced mass, Kepler's law, Strain and stress, Elastic moduli and relations between them, Torsion of cylinders, Bending of beams, Internal energy of a strained body. Michelson Morley experiments, Postulates of special theory of relativity, Lorentz transformations, Length contraction. Time dilation, Simultaneity in relativity theory.

Waves and Oscillations: Simple Harmonic motion, Damped Harmonic motion and Forced oscillation in mechanical & Electrical system. Resonance, sharpness of resonance. Mechanical & Electrical impedances. Ultrasonics: Production, Properties and application.

Electricity and Semiconductor Electronics: Electric field due to a dipole, polar and nonpolar dielectric materials. Polarization and displacement. Electronic, atomic, ionic and Orientation polarization, Balance and sensitivity conditions for AC Bridges. Andersons, Wien's and Robinson's Bridges. Circuit parameter, Kirchoff's law, Network's theorem, "Norton's theorem, Thevenin's theorem and Maximum power transfer theorem". Magnetic field, Rectifier Filtering by RC and LC Circuit, Regulation: Conduction in Solid: Conductor, insulator, Semiconductor, intrinsic and extrinsic semiconductor, Conductivity and Mobility. Diode Characteristics, Depletion region, break down voltage. Forward and Reverse Biasing, Zener diode: its Characteristics. NPN and PNP transistor action, its configuration, Hybrid parameter and equivalent circuit RC coupled Amplifier. Principle of feedback, Barkhausen criteria for sustained oscillation, Circuit of Hartley and Colpits Oscillator.

Thermal Physics: Thermodynamics Systems, Macroscopic and Microscopic Variables, Thermodynamical Equilibrium, Zeroth law of thermodynamics and concept of Temperature. First law of Thermodynamics. Carnot Engine and Refrigerator, , Carnot's Theorem. Clausius-Clapeyron's equation, Clausius theorem, Clausius inequality, Entropy, Second Law of thermodynamics. Maxwell's equation, Joule-Thomson effect, Inversion Temperature. Ehrenfest's equations. Maxwell-Boltzmann Law of distribution, Evaluation of R.M.S. Velocity, average and most probable speeds. Radiation as electromagnetic Waves, Emissive and absorptive powers, Black-body radiation, Stefan-Boltzmann Law, Solar constant and temperature of sun, Temperature of Non-black Bodies, Distribution of energy in the spectrum of black body radiation, Adiabatic expansion of black-body radiation, Law, Wein's displacement law, Wein's formula, Rayleigh-Jeans' law, Planck's law.

Optics: Conditions for observing interference, Interference in Michelson interferometer, thin films, Newton's Rings. Temporal and Spatial Coherence. Stimulated emission, Basic ideas about laser emission, Ruby and He-Ne laser. Fresnel diffraction by straight edge and Fraunhofer's diffraction by single slit and double slit. Theory of plane grating. Rayleigh's criterion of resolution for telescope and grating. Polarization by reflection and refraction Double refraction. Half and quarter wave plates. Production of elliptically and circularly polarized light. Babinet compensator, Nicol Prism. Optical activity. Fresnel's theory of optical rotation. Specific rotation, Biquartz and Laurent's half-shade polarimeters.

Atomic and Nuclear Physics: Bohr model and the spectra of hydrogen atoms, Frank-Hertz experiment. Characteristic and continuous X-rays, Moseley's law, Bragg's Law. Space Quantization, Vector atom model and quantum Numbers, Magnetic moment of electrons Larmor's Precession, Electron Spin, Stern-Gerlach experiment, Pauli's exclusion principle Zeeman effect, Raman effect. Particle nature of radiation, Photoelectric effect and Compton Effect. Wave nature of particles. Natural radioactivity, Law of radioactive disintegration, Detection of radiation, GM Counter and Bubble Chamber Scintillation Counter. Kinematics of nuclear reactions, Artificial nuclear transmutation, Liquid drop model and the semiempirical mass formula, Elementary theory of α - decay, β -Decay and

gamma decay. Classification of Elementary Particles, Leptons, mesons and baryons and their quantum numbers, conservation Laws. Relativistic addition of velocities; variation of mass with velocity, Mass energy relation.

Quantum Mechanics: De-Broglie Waves, Davission-Germer Experiment, Wave Packets, Phase velocity and group velocity, Heisenberg's Uncertainty Principle, One dimensional Schrödinger's wave Equation. Observable and Operators, Eigen values and Eigen functions, orthonormality and completeness. Dirac Delta function. Separation of variables in Time-Dependent Schrödinger Equation. Density of state, one-dimensional Potential Barrier problems. Tunnelling through square well potential, One-dimensional Harmonic Oscillator.

Statistical Mechanics and Solid State Physics: Microscopic and Macroscopic systems, Liouville theorem and its consequences, Statistical ensembles, Postulates of quantum statistical mechanics, Crystalline amorphous and glassy state of solids, Crystal lattices, Primitive lattice cell, Miller indices, interplaner spacing, Bravais lattices, Crystal structures, Reciprocal lattices of sc, bcc, fcc diamond and hcp. Bragg's law. Free electron gas in one dimension: Energy levels and density of states, Fermi Energy, Electrical conductivity, Hall Effect. Band Theory of solids: Energy Bands; Kronig-Penny model in one dimension, Energy gap, Distinction between metal, semi-conductor and insulator, Fermi energy level.

Basic Digital Electronics: Semiconductor, BJT, Field effect transistor, MOSFET, enhancement and depletion modes, their representations, the MOS switch. Logic Circuits. AND, OR, NOT, NAND and Ex-OR operation, truth tables, their representations, Venn diagrams.

Electromagnetic theory: Electrostatics potential due to a charge distribution, Electromagnetic waves: Maxwell's Equation, pointing vector, E.M. Waves and its propagation in free space. Poynting's Theorem, Plane wave solution of Maxwell's equations in source free space and simple dielectrics, skin depth.

Syllabus of Section B: Mathematics

The section will contain 50 questions (Multiple Choice Questions)

Conic sections and related results. Straight lines and planes using vector technique, Spheres, Cones, Cylinders. Sets, Relations, Functions, real numbers and their properties. Sequences and Series of real numbers.

Ordinary differential equations of first and second order and the theories of their solutions.

Origin of first order partial differential equations (PDE), Lagrange's solution, Solutions of partial differential equations of the second order with constant coefficients.

Vector Differentiation, Gradient, Divergence and Curl, Vector Integration (Line, surface and volume integrals), Theorems of Gauss, Green, Stokes and related problems.

Limit, Continuity and differentiability of functions of single variable, Uniform continuity, boundedness theorem, Intermediate value theorems, Indeterminate forms, Successive differentiation, Maclaurin's and Taylor's series, Rolle's, Lagrange and Cauchy Mean value theorems, Asymptotes, Curvature, Envelopes and evolutes, concavity and convexity, Points of inflexion, Riemann integrals and their properties, Improper integrals.

Vector spaces, Subspaces, Basis and dimension of a vector space, Quotient spaces, Linear transformations, Rank- nullity theorem and it's applications, Rank of a Matrix, Adjoint of a matrix, Determinant of a matrix and it's properties, Consistency of a system of linear equations, Eigen values,

Eigen vectors, Cayley-Hamilton theorem, Diagonalization of a matrix and its characterizations. Moment of inertia, product of inertia, the general equation of motion (D'Alembert's principle). Virtual work, Stable and Unstable equilibrium, Common Catenary.

Radial and transversal, Tangential and normal components of Velocity and acceleration, Simple Harmonic motion, Motion under other law of forces.

Groups, Subgroups, Cyclic groups, Normal subgroups, Quotient groups, Lagrange's theorem, Isomorphism, Permutation groups, Cayley's theorem, Fermat's and Euler's theorems, Euler's phi function and its properties, Rings, ideals, Integral domains and fields.

Analytic functions, Cauchy- Riemann equations, Harmonic functions, complex integration, Cauchy's integral formula, Liouville's theorem, Power series and its radius of convergence, Taylor and Laurent series, Singularities and their classification, Residues.

Partial derivatives, directional derivatives, continuity and differentiability of functions of several variables and properties, Taylor's theorems, maxima and minima for real valued functions of several variables, Saddle points, Jacobian matrix and Determinants, Inverse function theorem.

Numerical solutions of algebraic and transcendental equations, Bisection, Regula falsi and Newton-Raphson's method, Interpolation, Finite differences and interpolation with equal and unequal intervals, Numerical differentiation and integration, Newton Cotes quadrature formula, Trapezoidal, Simpson's one-third and Simpson's third-eight rules, Euler's, Taylor series and Improved Euler's methods, Runge-Kutta method, Gauss Elimination method, LU- factorization method, Cholesky's method, Gauss-Jacobi and Gauss-Seidel iteration methods.

Fourier series and its properties, Fourier and Laplace transforms, Metric spaces: definitions and examples, Open and closed sets, Interior, exterior and boundary points, Limit point, Sequences and their convergence in a metric space.

Syllabus of Section C: Chemistry

The section will contain 50 questions (Multiple Choice Questions)

Atomic Structure and Quantum Mechanics: de-Broglie equation, Heisenberg uncertainty principle, Schrödinger wave equation, quantum numbers, Aufbau and Pauli exclusion principles, Hund's multiplicity rule.

Periodic Properties: Atomic and ionic radii, ionization energy, electron affinity and electronegativity definition, trends in periodic table and applications in predicting and explaining the chemical behavior.

Chemical Bonding: Valence bond theory and its limitations, directional characteristics of covalent bond, various types of hybridization and shapes of simple inorganic molecules and ions, valence shell electron pair repulsion (VSEPR) theory. Molecular orbital theory (MOT).

Ionic Solid: Ionic structures, radius ratio effect and coordination number, lattice defects, semiconductors, lattice energy and Born-Haber cycle, Fajan's rule. Derivation of Bragg equation.

s-Block Elements: Comparative study, diagonal relationship, salient features of hydrides, solvation and complexation tendencies.

Chemistry of Noble Gases: Chemical properties of the noble gases, chemistry of xenon, structure and bonding in xenon compounds.

p-Block Elements: Comparative study (including diagonal relationship) of groups 13-17 elements, compounds like hydrides, oxides, oxyacids and halides of group 13-16, hydrides of boron-diborane and higher boranes, borazine,

d-Block Elements: Chemistry of Elements of First, second and third Transition Series. Characteristic properties of d-block elements in respect of ionic radii, oxidation states, magnetic behavior.

Coordination Compounds: Werner's coordination theory, effective atomic number concept, chelates, nomenclature of coordination compounds, isomerism in coordination compounds, valence bond theory of transition metal complexes. Crystal field theory (CFT).

Chemistry of Lanthanide and Actinides: Electronic configuration, oxidation states, ionic radii and lanthanide contraction, complex formation, oxidation states and magnetic properties.

Spectroscopy: Ultra violet (U.V.) and Infrared (I.R.)

Alkanes, alkenes and alkynes: General synthesis and its chemical reactions.

(i) **Alcohols:** Classification and nomenclature, Monohydric alcohols – nomenclature, methods of formation and chemical reactions. (ii) **Phenols:** Reactions of phenols – electrophilic aromatic substitution, acylation and carboxylation. Reimer-Tiemann reaction.

(i) **Aldehydes and Ketones:** Synthesis of aldehydes and ketones, Aldol, Perkin and Knoevenagel condensations, Wittig reaction. Oxidation of aldehydes and ketones, Cannizzaro reaction, MPV, Clemmensen reduction. (ii) **Carboxylic Acids:** Preparation of carboxylic acids, Reactions of carboxylic acids, Hell-Volhard-Zelinsky reaction.

Heterocyclic Compounds: Preparation and reactions of Pyrrole, thiophene indole, quinoline and isoquinoline.

Arenes and Aromaticity: Aromatic and antiaromatic compounds: Huckel rule.

Alkyl halides: Nomenclature and classes of alkyl halides, methods of formation, chemical reactions, Mechanisms of nucleophilic substitution reactions of alkyl halides, SN₂ and SN₁ reactions with energy profile diagrams.

Stereochemistry: Cis-trans Isomers, E-Z notation for geometric isomerism, Absolute Configuration: R-S Sequence Rules

Gaseous States: Deviation from ideal behavior, van der Waals equation of state, Critical Phenomena, Molecular velocities: Root mean square, average and most probable velocities,

Solutions: Raoult's and Henry's law, Colligative properties include lowering of vapor pressure, boiling point elevation, freezing point depression, and osmotic pressure.

Chemical Kinetics and Catalysis: Rate of a reaction, factors influencing the rate of a reaction, zero order, first order, second order, pseudo first order

Thermodynamics: Ist and IInd law of thermodynamic, Carnot's cycle and its efficiency, Carnot's theorem, Joule- homson coefficient and inversion temperature. Concept of entropy: Entropy as a state function, entropy as a function of V & T, entropy as a function of P & T, Gibbs and Helmholtz free energy. **Thermochemistry:** Hess's Law of heat summation and its applications, Heat of reaction at constant pressure and at constant volume, Enthalpy of neutralization, Bond dissociation energy and its calculation from thermochemical data, temperature dependence of enthalpy, Kirchhoff's equation.

Chemical Equilibrium: Equilibrium constant and free energy, law of mass action, Le Chatelier's principle.

Electrochemistry: Nernst equation, Relationship between cell potential and Gibbs' energy change, Cell Constant, conductance in electrolytic solutions, specific and molar conductivities and their variation with concentration: Kohlrausch's law.

Syllabus for Section D: Zoology

The section will contain 50 questions (Multiple Choice Questions)

Biodiversity; Origin of chordates adaptations; Structure and function of cell and cell division; Chemical constituents of living cells; Enzyme and Vitamins; Metabolism of carbohydrates, protein, lipids and nucleic acids; Physiology with special reference to mammals. Mendelian inheritance and natural selection; Gametogenesis; Ecosystem; Biogeochemical cycles; Population ecology; Pollution and its

impact on biosphere and its prevention; Conservation of natural resources; Animal behavior; Probability; Immunology: biotechnology, recombinant DNA technology.

Syllabus for Section E: Botany

The section will contain 50 questions (Multiple Choice Questions)

Microorganisms: viruses, bacteria, algae, fungi; Important plant diseases; Bryophytes; Pteridophytes; General characters of Gymnosperms; General characters of Angiosperms-Morphology of root, stem and leaves of Angiosperms; Pollination; Development of male and female gametophytes; Endosperm; Utilization of plants: Medicinal plants; Plants and Environment: atmosphere, water, light, temperature, soil; Ecosystems: abiotic and biotic components; Food chain; Food web; Ecological pyramids; Energy flow and biogeochemical cycles; Red data book and IUCN classification; Cell Biology: Concept of heredity; Mendel's laws of heredity; Mutation; Nucleic acids: DNA and RNA-its structure, types and functions.

Syllabus for Section F: Geology

The section will contain 50 questions (Multiple Choice Questions)

Origin of the solar system and the Earth; Interior of earth; Volcanism and volcanic landforms; Earthquakes; Isostasy; Sea floor spreading; Plate tectonics and continental drift; Weathering and erosion due to wind, glacier, river, sea, and resulting landforms; Dip and Strike; Primary and secondary sedimentary structures; Folds, Faults, Joints, Foliation and Lineation, Unconformities; Stratigraphy horizons of India; Symmetry and forms in common crystals classes, Physical properties of minerals, Mineralogy and optical properties of common rock-forming minerals, Silicate structures; Classification of igneous rocks; Sedimentary rocks and metamorphic rocks, and their texture, and structures; General properties, formation and Indian occurrences of the economic and industrial mineral deposits; Coal and petroleum occurrences in India; Ground water hydrology; Global warming; Pollution: air, water and soil; Engineering properties of rocks; Engineering structures: dams, reservoirs, tunnels.

Format of Anti-ragging Affidavit
AFFIDAVIT BY THE STUDENT

1. I, (full name of student with admission/registration/enrolment number) Son/Daughter of Mr./Mrs./Ms....., having admitted to..... (Name of the Institution) received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
2. I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
3. I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4. I hereby solemnly aver and undertake that
 - a) I will not indulge in any behaviour or act that maybe constituted as ragging under clause 3 of the Regulations.
 - b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
5. I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal actions that may be taken against me under any penal law or any law for the time being in force.
6. I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.
Declared this day of Month of year.

Signature of deponent
Name:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at(Place) on this the (Day) of, (month) (Year)

Signature of deponent

Solemnly affirmed and signed in my presence on this the (Day) of (Month), (Year) after reading the contents of this affidavit.

OATH COMMISSIONER

AFFIDAVIT BY THE PARENT/GUARDIAN

1. I Mr./Mrs./Ms., (full name of the parent/guardian) father/mother/guardian of Mr./Ms., (*full name of student with admission/registration/enrolment number*) having been admitted to (name of the institute), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
2. I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
3. I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4. I hereby solemnly aver and undertake that
 - a) My ward will not indulge in any behaviour or act that maybe constituted as ragging under clause 3 of the Regulations.
 - b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
5. I hereby affirm that, if found guilty of ragging My ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal actions that may be taken against me under any penal law or any law for the time being in force.
6. I hereby declare that My ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.
Declared this day of Month of year.

Signature of deponent Name:

Address:

Telephone/Mobile No:

VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at(Place) on this the (Day) of, (month) (Year)

Signature of deponent

Solemnly affirmed and signed in my presence on this the (Day) of (Month), (Year) after reading the contents of this affidavit.

OATH COMMISSIONER

ALUMNI DETAILS

FACULTY OF ENGINEERING & TECHNOLOGY			
SL. NO.	NAME	ORGANIZATION	DESIGNATION
1.	Aatish Kumar Srivastav	BSNL	Divisional Engineer
2.	Ajay Kumar Chaudhary	Digital Edge Education Society	President
3.	Alok Kumar	SS Software & Consultancies Pvt Limited	Director
4.	Alok Mishra	HAL	Flight Test Engineer (Fixed Wings)
5.	Amaresh Kumar	Indian Railways	DCC
6.	Amit Kumar Singh	IIT BHU	ASSOCIATE PROFESSOR
7.	Amit Shahi	GE Digital (GE Power India Ltd)	Senior Project & Operations Consultant
8.	Amitosh Verma	NTPC	Manager (C&M)
9.	Arun Kumar Srivastava	Indian Railways	Senior Divisional Electrical Engineer(IRS)
10.	Ashok Gupta	NHDC	Manager
11.	Ashutosh Rai	Govt of Bihar	Dy Election Officer
12.	Deepak Singh	Winsome Publication	Director
13.	Dheerendra Kumar Suman	Vocational training and skill development department	Nodal Principal
14.	Dipak Singh	Accenture	Sr. Manager
15.	Gaurav Upadhyay	Indian Space Research Organization (ISRO)	Scientist/Engineer
16.	Haider Mehdi Minto	Future Focus Infotech	Sr. Consultant
17.	Hari Om Prakash	ESIC,Ministry of Labour&Employment ,GOI	Dy. Director , ESIC, LUCKNOW
18.	Hitesh Saxena	Samsung	Staff Engineer
19.	Imran Khan	AZAD IET, LUCKNOW	Prof. & Head of Department of EE
20.	Jagdish Sahu	Uttar Pradesh Rajya Vidyut Utpadan Nigam	Assistant Engineer
21.	Madhup Srivastava	Eastern Railway	Senior Divisional Signal & Telecom Engineer
22.	Mahendra Pratap Singh	BSES Yamuna Power LTD.	Dy.General Manager
23.	Maneesh kumar Pandey	NXP Semiconductor	Staff Engineer
24.	Manish Madhava Tripathi	Integral University Lucknow	Associate Professor
25.	Nishit Pant	Aurangabad Electricals Ltd.	AGM operations
26.	Pallav Tripathi	DRDO	Defence Scientist
27.	Pankaj Kumar Sinha	Siemens	Project Manager
28.	Pramod Singh	MIET, Meerut	Asoc. Proof.
29.	Pravin Kumar Sinha	ELI India	Sr. IT Manager
30.	Prayag Dutt	BSNL	SUB DIVISIONAL ENGINEER
31.	Rahul Pandey	DC Info Solutions	Proprietor
32.	Rahul Rai	kajaria Ceramics Ltd	Sr. Regional Manager
33.	Rajesh Kumar Gopalan	Gupta Power Infrastructure Ltd	Sr Manager
34.	RajKumar Singh	Mumbai Metro Rail Corporation	Dy.General Manager/Electrical
35.	Rakesh Yadav	AIRPORTS AUTHORITY OF INDIA	MANAGER
36.	Ravi Shankar Singh	IIT BHU VARANASI	Associate Professor
37.	Rupesh Kumar	NPCIL	SO/E
38.	Saboor Alam	Comptech Master	Director
39.	Saurabh Agarwal	Punjab National Bank	Senior Manager-IT
40.	Subash Chandra Yadav	Commercial tax/State GST Deptt of Govt of UP	Assistant Commissioner
41.	Sunil Kumar Singh	Shri Ram Multi Solutions Pvt Ltd	Director
42.	Vineet Kumar Dixit	Comptech Master	Partner
43.	Vipul Singh	Power Grid Corporation Of India Limited	Chief Manager
44.	Vishal Srivastava	INSOL	Co-founder amd Business Head
45.	Vivek Kumar Singh	Ashok Leyland Ltd	Area Manager

46.	Vivek Kumar Singh	BBDNIIT, Lucknow	Director(Engg)
DEPARTMENT OF MASS COMMUNICATION			
47.	Mr. Rashid Hashmi	Editor in Chief	FM News, News Channel, Noida.
48.	Mr. Brijesh Singh	Director	India Voice, News Channel, Noida.
49.	Mr. Ajai Dwivedi	Resident Editor	K News, Lucknow.
50.	Mr. Dharendra Pratap Singh	State Head Uttarakhand	Sadhana News Channel, Deharadun.
51.	Mr. Alok Dwivedi	Sr. Reporter	Dainik Bhaskar, Patna, Bihar.
52.	Mr. Rahul Rajput	Anchor	News Nation, TV Channel, Noida.
53.	Mr. Deepak Mishra	Chief Sub Editor	INEXT (DainikJagran), Varanasi.
54.	Mr. Nitin Dwivedi	Information officer	Uttarakhand Government.
55.	Mr. Krishna Kumar Tiwari	Assistant Professor	Amity University, Noida.
56.	Mr. Shashindra Mishra	Public Relations Officer	S. Sanskrit Vishwavidyalay, Varanasi.
57.	Mr. Ashwini Kumar	Out Put Head	E 24 News Channel / News 24, Noida.
58.	Ms. Neha Rai	Reporter	Amar Ujala, Gurugram, Haryana.
59.	Ms. Ankur Sharma	Senior Sub Editor	One India news dot com, Bengaluru.
60.	Mr. Vibhash Kumar	Senior Sub Editor	DainikJagran, Patna.
61.	Ms. ShayaliMaurya	Junior Content Writer	Amar Ujala Web, Varanasi.



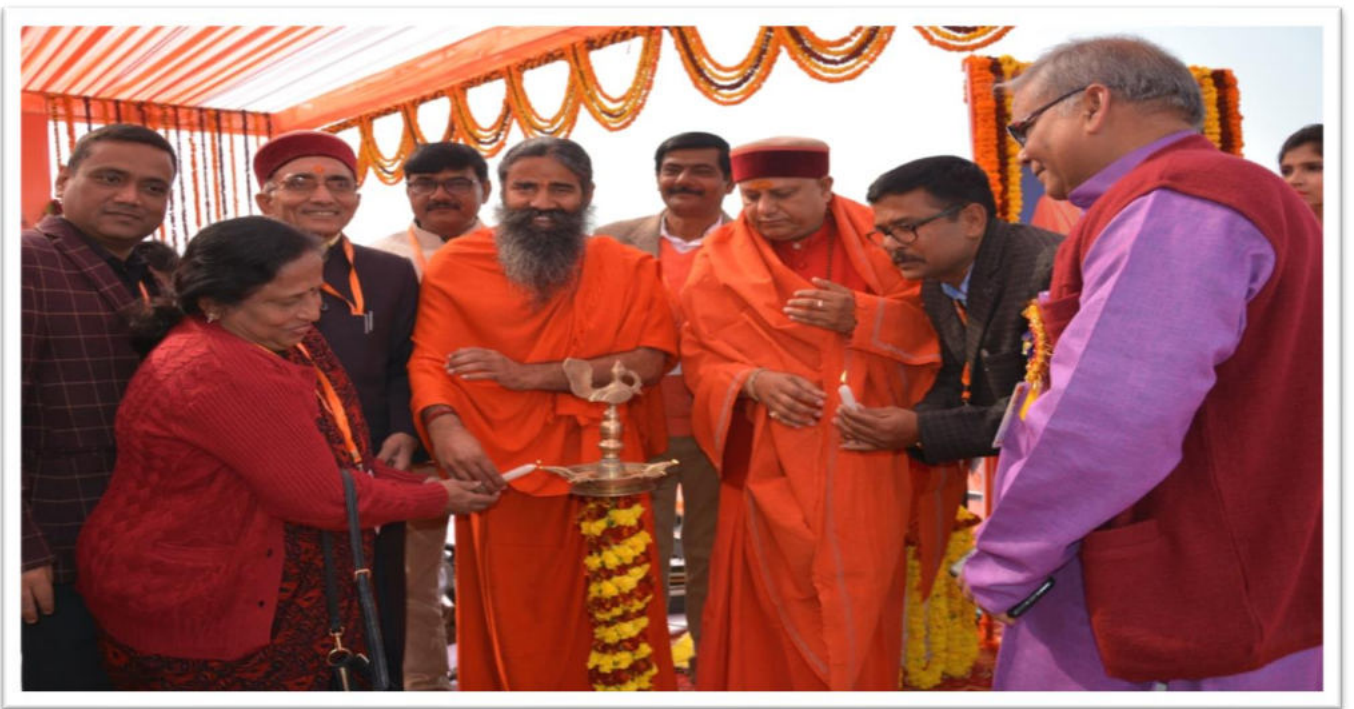
22nd Convocation in VBSPU



उपकरणों का निरीक्षण करते कुलपति एवं अन्य



Matdata Sapath 2019



Rashtriya Yuva Diwas 2019



National Science Day Celebration 2019



MOU Signed between King George Medical University, Lucknow and VBS Purvanchal University Jaunpur 2019



Sports Trophy 2019



माडलों का निरीक्षण करते प्रो बी बी तिवारी



Annual Sports Meet 2019

UNIVERSITY KUL-GEET

वीर बहादुर सिंह विश्व-विद्यालय का हरितांचल।
जय-जय-जय “पूरब की आत्मा”, जय-जय-जय “पूर्वाञ्चल” ॥
पूर्व दिशा का ताज रहा है, “भारत का शीराज” रहा है,
यह यमदग्नि-यजन की बेदी यह “कुतबन” का मादल।
जय-जय-जय “पूरब की आत्मा”, जय-जय-जय “पूर्वाञ्चल” ॥
दो धर्मों की मिलन-धुरी यह, राग सलोना “जौनपुरी” यह,
संघर्षों की झंझर में झंकृत जिसके जीवन-पल।
जय-जय-जय “पूरब की आत्मा”, जय-जय-जय “पूर्वाञ्चल” ॥
नये सृजन की सजी आरती, उतरी वीणा लिये भारती,
नव-जागरण-थाल में अर्पित यह पावन तुलसी दल।
जय-जय-जय “पूरब की आत्मा”, जय-जय-जय “पूर्वाञ्चल” ॥
कला-शिल्प-विज्ञान कलेवर, छलकाये प्रकाश के निर्झर,
धेनुमति-तमसा-गंगा का यह पावन क्रीड़ास्थल।
जय-जय-जय “पूरब की आत्मा”, जय-जय-जय “पूर्वाञ्चल” ॥
नीति हमारी सरल-तरल हो, जिसमें जन का क्षेम-कुशल हो,
गौतम-कपिल-कणाद-पतञ्जलि हों आदर्श अचंचल।
जय-जय-जय “पूरब की आत्मा”, जय-जय-जय “पूर्वाञ्चल” ॥