

# Veer Bahadur Singh Purvanchal University, Jaunpur



## *Strategic Plan Flow chart*

# Vision and Mission

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

## ✓ Vision :

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

# Vision and Mission

## ✓ Mission :

- Introduction of Professional Courses in the campus aligned with the upcoming trend in higher education and progression of the students in the region.
- Incorporate new knowledge and introducing structural changes to the curriculum helps to keep pace with the development in various streams of the study and meet the demand of academia, industry and society
- The academia and industry linkage is strengthened through fieldwork, projects, internships, study tours, institutional training and research, workshops, special lectures and conclaves provided interface for student, faculty and corporate interaction.
- ICT facilities and rich library undergoing digitization strengthens research orientation.

# The strategy to achieve the goal in three stages

## 1. Stage one (Short Term):

- Upgrading and restructuring class rooms, laboratories and libraries.
- Improving living standards of students and teachers in the campus by refurbishing hostels and staff quarters.
- Building Central Infrastructure of the University like health centre, shopping centre and Cafeteria.
- Developing state-of-the-art office network and accountability of registry.
- Signing MoU with prestigious Institutes and establishing the University as a Research Institute.
- To develop integerated ERP system for campus as well as affiliated colleges so that evaluation, result declaration, entry of internal and practical marks can be fully digitized.
- Subjects on corporate social responsibility, business values and ethics, design and creativity, innovation etc. has been implemented at Masters level and at Graduation level with the implementation of National Education Policy 2020, it has come into force automatically.

  
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## 2. Stage Two (Mid Term):

- Putting in place a fair & transparent system of admission and examination, faster in processing with worldwide accessibility and offering admission to international students in various PG and Ph.D programme
- To develop the University as a Center of Excellence in Bhasha and other discipline
- Mobilizing research grants and projects.
- Re-orienting as per NEP-2020 the existing curriculum to achieve academic goal of quality teaching and research.
- Introducing new teaching programs with appropriate facilities and laboratories.
- Implementing accessible and low cost vocational courses to cater the need of every one.

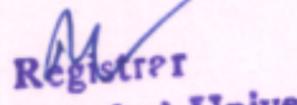
### 3. Stage Three (Long Term):

- To further strengthen the placement cell as well as to establish coordination with industrial units so that technical and skill development of students as well as entrepreneurship can be encouraged.
- Signing MOU with national and foreign universities for collaborative teaching and research.
- To promote research and utility of local products in the Purvanchal region.

  
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## Work done to enhance the quality of the University

- Construction of educational buildings, purchase of new and modern equipment for laboratories, organizing conferences and seminars etc. is being done regularly.
- The Training and Placement Cell has been functioning for the last many years
- International Alumni Meet have been organized.
- Online Pre & Post Examination System, and Online Accounting System is established.
- Apart from the students and staff, transportation facility also made available for the children of the inmates living in the campus to go to school.
- For the morale of the teaching and non-teaching staff, they are honored by University time to time.

  
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## Azadi Ka Amrit Mahotsav

- Organized workshops and seminars to celebrate the elixir of freedom.
- To set up a gallery to give information to the students about the local freedom fighters, in which their portraits and pictures should be established.

  
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## Short term measures for immediate effect (Azadi Ka Amrit Mahotsav)

- The streets of the university were named after the freedom fighters.



## **Ease of living(EOL)**

### **Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)**

- adding diversity to the incomes of rural poor families and cater to the career aspirations of rural youth.
- It is uniquely focused on rural youth between the ages of 15 and 35 years from poor families.

### **Pradhan Mantri Kaushal Vikas Yojana (PMKVY)**

- The objective of this Scheme is to encourage and promote Skill Development for the youth throughout the country.

## **Ease of living(EOL)**

### **Pradhan Mantri Employment Generation Programme (PMEGP)**

- To generate employment opportunities in rural as well as urban areas by setting up of self employment ventures.

## **Ease of Doing Business (EODB)**

- Single window system

  
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# Work done to enhance the quality of the University

A total of 22 new vocational courses have been started by the University

- |  |   |
|--|---|
| 1. Tailoring and Embroidery            | 12. Accountancy and Auditing                  |
| 2. Photography and Videography         | 13. Banking and Finance                       |
| 3. Financial Management                | 14. Physical Fitness and Gym trainer          |
| 4. Information Technology              | 15. Marketing & Salesmanship                  |
| 5. Yoga                                | 16. Legal Services Assistance                 |
| 6. Tourism & Hospitality               | 17. Crop Production and Management            |
| 7. Multipurpose Health Worker (Female) | 18. Clinical Biochemistry                     |
| 8. Automobile                          | 19. Clinical Microbiology                     |
| 9. Carpentry                           | 20. Aroma                                     |
| 10. Electrician                        | 21. Company Secretary                         |
| 11. Web designing                      | 22. Research for Resurgence Foundation (RFRF) |

# Work done to enhance the quality of the University

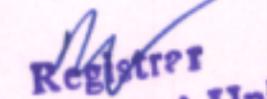
Various courses have been started by University which are as follows:

1. B.A.L.L.B, (Year-2018-19)
2. M.Sc (Physics) (Year-2018-19)
3. M.Sc (Chemistry) (Year-2018-19)
4. M.Sc/M.A.(Mathematics) (Year-2018-19)
5. M.Sc (Applied Geology) (Year-2018-19)
6. B.Sc (Physics, Math, Chemistry), (Year-2019-20)
7. B.Sc (Physics, Math, Geology), (Year-2019-20)
8. B.Com (Hons.), (Year-2019-20)
9. BCA (Year-2019-20)
10. M.Sc (Applied Psychology) (Year-2019-20)

# Work done to enhance the quality of the University

Various courses have been started by University which are as follows:

23. M.Tech (Computer Science) (Year-2019-20)
24. M.Tech (Power System) (Year-2019-20)
25. M.Tech (Thermal Engg.) (Year-2019-20)
26. M.Tech (Material Science) (Year-2019-20)
27. Diploma in Pharmacy (Year-2020-21)
28. B.Sc (Hons.) Biotechnology, (Year-2021-22)
29. B.Sc (Zoology, Botany, Chemistry, Environmental)(Year-2021-22)
30. B.A. (Hons). (Year-2021-22), M.A (Women Studies) (Year-2021-22)
31. PG Diploma in Gender & Women Studies (Year-2021-22)

  
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## Curriculum Design

- The university follows a systematic and integrated process in the design and development of Curriculum.
- Integrated process here implies engaging with various sources that provide input for course development.
- Preparation of course material is based on learning outcomes and need for cognitive, skill and value learning by student.
- We are also finalizing the implementation of NEP 2020 at PG level.

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# Curriculum Design

- The content of national eligibility test (NET) of UGC is incorporated in the PG syllabus.
- In technical courses like engineering and pharmacy standard of GATE GPET etc. syllabus is followed.
- AICTE and PCI syllabus content are implemented.
- The University interacts with the stakeholders like industry, research bodies, National level government Agencies and civil society in the curriculum revision process.
- The University centrally organizes the meeting of Board of Studies b o s for different subjects running in the colleges eminent outside experts participates in the meeting
- Template course curriculum for introducing national service scheme NSS as an elective subject in higher education has been proposed in the academic Council as per the guidelines of ministry of youth affairs and sports Government of India

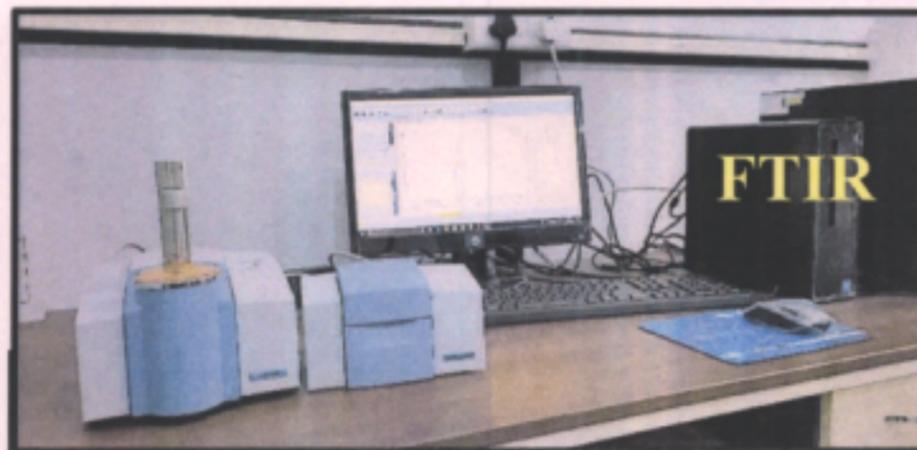
## Research

- The professional courses of PG level have summer training that gives students exposure on work place and dissertation work in their final semester.
- The students take up mini research under the guidance of faculty/industry, especially in the courses related to the science, social Science and Management at PG level.
- The students are encouraged to enhance the research knowledge through empirical data collection.

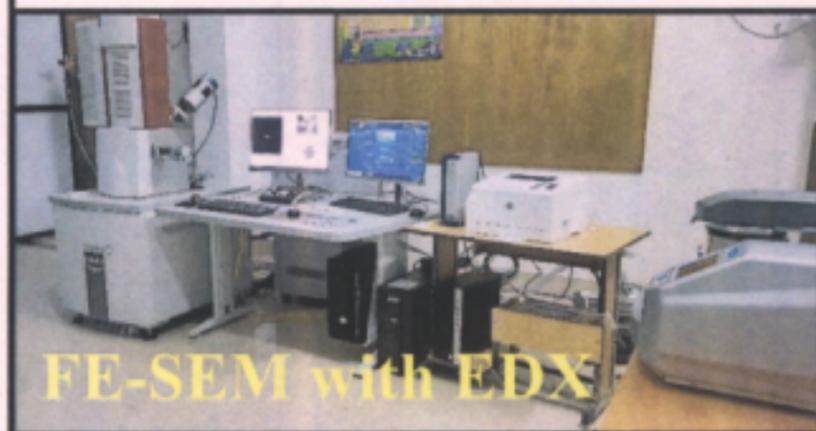
# Advanced Facilities for Material Characterization (CAFMC)



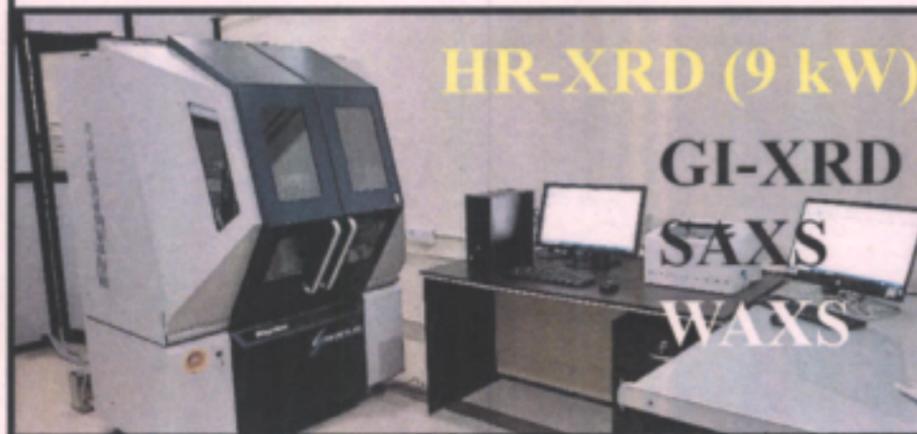
Particle Size Analyzer



FTIR



FE-SEM with EDX



HR-XRD (9 kW)  
GI-XRD  
SAXS  
WAXS

## Objectives of the CAFMC

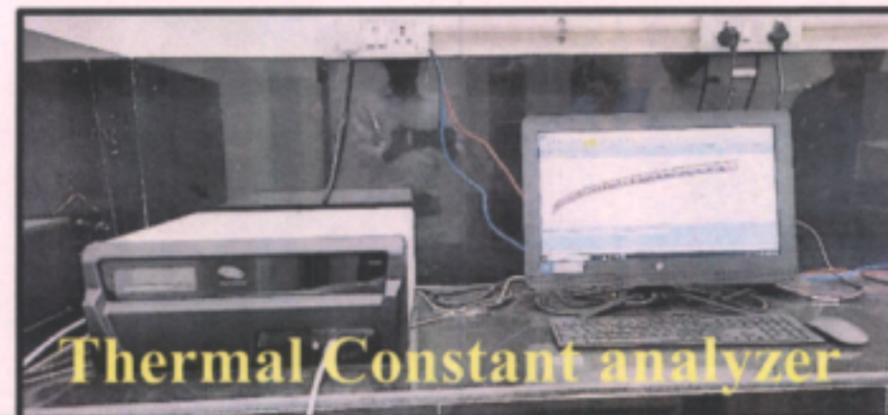
- To facilitate the Faculties and PhD & Masters student with world class research facilities under single umbrella for executing their hurdle free research goals.
- To promote inter disciplinary research environments among the researchers of the University.
- Development of proto type devices using sophisticated research equipments.

## Users from different Institutions on payment or collaborating approach:

- University of Allahabad,
- University of Jammu,
- SHUATS, Prayagraj,
- Indian Institute of Information Technology, Prayagraj,
- University of Lucknow,
- Dr. Ram Manohar Lohia Avadh University,
- GGV, Bilaspur and many more .....



Central  
Research  
Facility



Thermal Constant analyzer



UV-Vis. Spectrometer

# Research

S.No.	Name of Faculty	Name of Patent
1	Dr. Alok Das	Plant Extract for Antidiabetic, Hepatoprotective and Antioxidant Activity
2	Dr. Rajnish Bhasker	An Investigation into the Factors that Influence the IOT-Based Smart Hospitals Design
3	Dr. Rajnish Bhasker	Cloud and IOT Based Smart Forest Fire Detection and Warning System.
4	Mr. Satyam Kumar Upadhyay	Implementation of Human Health Monitoring System Using IOT.

  
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## Employability

- The campus courses are professional in nature. Courses are designed to address the needs of stakeholders in terms of Knowledge, skill and attitude development; and structured to strengthen the job orientation of the Indian industries and service organizations.
- Practical and field hands-on training have been made an integral part of the curriculum celebrities are well equipped to give exposure to the students and help learning of tools, techniques and skills.
- Communication skills, of soft skill, computer skill and other technical skills as per the curriculum requirements are provided through the courses, workshops, internships and dissertation

## Innovation

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

  
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