

University Grants Commission (UGC) Approved State Private University Listed with Association of Indian Universities (AIU)

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# Pharmacy

Diploma in Pharmacy (D. Pharm) Approved by Pharmacy Council of India (P.C.I.)

Bachelor of Pharmacy (B. Pharm) Approved by Pharmacy Council of India (P.C.I.)





# Programme Brochure

Email: admissions@vupune.ac.in connect@vupune.ac.in

**Contact Us :** +91 90670 022 23 / 24 / 25

## Vishwakarma University

Vishwakarma University (VU) is a natural offshoot of the Vishwakarma Group of Institutions' educational legacy spanning more than 35 years. The University has been established as a State Private University through Maharashtra Government Act in the year 2017. Being UGC approved, VU is authorized to design and implement its curriculum, conduct examinations, award degrees.

The University focuses on academic excellence, positively impacting the student community and the society at large. The learning model at Vishwakarma University is the combination of knowing, practicing, performing, and reflecting. The "learning by doing" approach practiced through industry participation provides an opportunity for practical and pragmatic learning to students. Through a contemporary curriculum and ecosystem of holistic development, the university aims to prepare learners for fulfilling career paths.

### Vision 💿

Emerge as a Premier University Recognized Internationally for Excellence in Education, Research and Innovation.

## Mission 3

- To impart contemporary transformative education through research and innovation.
- To develop competent leaders-professionals for life and livelihood.
- To co-create human and socio-economic capital par excellence.
- · To inculcate life skills and holistic culture appreciating morals and ethics.

### Vishwakarma University Advantage

#### **Robust Academic Framework**

- Choice Based Credit System (CBCS)
- Outcome Based Education (OBE)
- Employability Enhancement Inputs
- Innovative Pedagogy and Assessment Concurrent Evaluation

### Vibrant Learning Ecosystem

- Interdisciplinary Approach
- Experiential & Blended Learning
- Industry Projects

### **Global Approach to Education**

Values 差

Adaptability

Compassion

• Diversity

Excellence

We Value... We Believe in...

Innovation

Responsibility

Sustainability

Transparency

- MoUs with Foreign Universities
- International Projects and Assignments
- Inculcating global mindset in Students
- Global Internships and Placements

At VU students pursue their academic goals in an environment designed to inspire, support, and empower them. Through rigorous teaching-learning, research, innovation, exposures, insights and practice VU aims to prepare students for life and livelihood.

### EXPOSURE

- · Conferences and Summits
- Shadowing Professionals
- Online Courses and Webinars
- Research Assignments
- Career Counselling
- Domain Seminars
- Guest Lectures
- Social Immersion Projects

## **INSIGHTS**

- Psychometric Profiling
- Mentoring by Faculty Team
- Industry Advisory Boards
- Clubs and Forums
- Employability Enhancement Programme
- Interviews of Industry Professionals
- Study Tours to Workplaces
- · Mentoring by Industry Professionals

## RACTICE

- Hands-on Workshops
- Industry Assignments
- Incubation Support
- Competitions
- Internships
- Freelancing
- Live Projects
- Collaborative Initiatives





### **Diploma in Pharmacy (D. Pharm)**

**Duration : 2 Years- Full Time Diploma programme** 

**Eligibility :** Candidate should have passed in any of the following examinations with Physics, Chemistry and Biology or Mathematics.

Intermediate examination in Science; 10+2 examination (academic stream) in Science;

**Careers :** Hospital and Community Pharmacist, Pharmaceutical Sales and Distribution Executive, Industrial Pharmacist, Academic Pharmacist, Entrepreneur.

**Highlights:** Diploma in Pharmacy is an entry-level diploma course that provides an overview about the basics of pharmaceutical Science. Students who wish to pursue a long-term career in the medical field of Pharmaceutical Sciences, starting in entry-level positions are suitable for this course.

### **Bachelor of Pharmacy (B. Pharm)**

Duration: 4 Years (8 Semester)- Full Time undergraduate programme

**Eligibility :** Candidate should have passed in any of the following examinations with Physics, Chemistry and Biology or Mathematics.

Intermediate examination in Science; 10+2 examination (academic stream) in Science; VU Entrance/ PERA CET

**Careers :** Research & Development, Clinical Research, Production, Manufacturing, Marketing, HR, Pharmacovigilance, Operations Analysts, Quality control & Quality Assurance (QA/QC), Medical writing, Drug inspector, Food & Drug Administration officer, Drug regulatory bodies, Academics, business ventures- Pharmaceutical Industry, Drug store/ Wholesaler .

**Highlights:** Bachelor of Pharmacy (B.Pharm) is a four-year undergraduate programme in which students study the methods and process of preparing drugs and how does the dispensing of medicine and drugs take place. The programme enables candidates to practice the profession of a Pharmacist after graduation. This degree has a lot of scope and is going to flourish more in the coming years as there is a great demand for healthcare professionals who can prepare drugs to battle a number of diseases and deficiencies.

Stepping into the world of Pharmacy requires the student to have an in-depth knowledge, aptitude and understanding of various concepts related to human anatomy, understanding the diseases and their cure, chemistry of drug, manufacturing of different quality formulations as well as dispensing, marketing, ethics and laws of the profession. At Vishwakarma University-Faculty of Pharmacy, we care about the curiosity of the students providing them the knowledge updates through industry-academia interactions, guest sessions by professional experts and onsite visits to the industry. The Pharmacy programme at Vishwakarma University develops Knowledge, Skills, Abilities and Aptitude in the students to make them solve problems and encourages a spirit of innovation in the industry.

#### **Teaching-Learning System:**

The structure of the Pharmacy programme is a combination of theoretical courses and courses focusing on practical application of the concepts through logical thinking with the structure consisting of skill development, skill enhancement, project based, hands-on experience and field work. The programme structure is prescribed by the Pharmacy Council of India (PCI) with equal weightage to theoretical understanding and practical application as:

- Type A 50%:
   Historical perspective

   Core subjective knowledge
   Recent advancements
- Type B 50%: Hands-on-learning Field/industrial visits Project design



#### Ashutosh Vitthal Gaikwad (B.Pharm Sem-IV)

*My* experience in the VU School Of Pharmacy is stimulating, illuminating and rewarding. This institute provides me great opportunities to develop my educational skills. As a first batch student of B. pharm. VU School Of Pharmacy has been a special part of my life. I am very much thankful to all faculties for grooming my skills and talent and teaching the values of ethics and morality which makes me proficient in Pharma carrier.



#### Rukhsar Gauri (D-Pharm I - year student)

Diploma in pharmacy from VU is one of the best experiences of my life. Beautiful mix of academics and innovative learning methods. Teachers are very supportive and treat us all equally. Online learning is the need of the hour and VU ensured that we keep learning during this lockdown. Along with our regular classes, there were also seminars and workshops in which we got to learn from the best people in the pharmaceutical industry. VU has provided me a platform to realize my potential and give me an exposure to various extra-curricular activities along with great academics and to make the best use of it.





#### Mitali Sarlashkar (B Pharm Sem IV)

School of Pharmacy, prepares me for an independent and strong work ethics . Teachers have instilled a strong sense of "if you can, you will". In school we have learnt "you reap what you sow", and yes VU faculty is taking immense efforts by sowing and nurturing the seeds of where I would be in next few years and have been planted here. I am very grateful for this. With great facilities at the pharmacy department and the best faculty members, the future of the students is in great hands and they are on the path to become successful leaders in whichever field they pursue.



#### Samita Sameer Nikam (B Pharm Sem-IV)

A platform of knowledge and excellence means VU, School of Pharmacy. The most important factor about this institute is the infrastructure and teaching staff. Each and every faculty is a symbol of knowledge, support and also passionate when finding opportunities for students and giving us honest feedback to help us improve our skills. VU has an attentive attitude towards placement and trainings for students which is the great initiative and essential need at today's era.





### GOVERNANCE

Vishwakarma University is governed by Bansilal Ramnath Agarwal Charitable Trust (BRACT). VU has Well-established Governance Mechanism defined by its Governing Council, Board of Management, Academic Council, Board of Examination, Board of Research and Innovation, Board of Studies, Academic Advisory Boards, Internal Quality Assurance Cell, Grievance Redressal Cell, etc.

## ACADEMICS

VU offers UG and PG education in varied streams such as Engineering, Management, Art, Design, Architecture, Pharmacy, Law, Journalism and Mass Communication, Humanities, Social Sciences, and beyond. Variety and depth of Foundational, Core, Elective, Ability Enhancement, Domain-specific, Audit, and General Interest Courses offers academic options to students suiting their unique interests.





## FACULTY

At VU academic group of scholars and researchers supports the mission of contemporary transformative education and real-world experience. Faculty also includes professors and professionals with outstanding national / international education backgrounds, experiences, and orientations. These educators, by encouraging, engaging and challenging, positively influence the lives of students.

### **RESEARCH & INNOVATION**

To help tomorrow take shape, committed, collaborated research and innovation efforts are carried out at VU, to identify and solve problems, enriching people's lives and creating lasting local, national and international impact. Multiple research areas are covered relevant to specific areas of expertise. The research culture underpins principles, values, and high standards.





## MENTORING

Professional as well personal mentoring at VU guides and supports the students to gain social and academic confidence, develop communication, seek practical advice, identify goals and establish a sense of direction. Mentoring help student to unlock their potential, promote their academic success and fuels their growth throughout their education journey.

## **CAREER SUPPORT**

### **Career Progression Pathways**

The students are encouraged to consider multiple pathways and select the best one. The support is extended to all the students w.r.t. following pathways:

- · Jobs (Private Sector / Government Jobs / Social Enterprises)
- Business (New Venture / Professional Practice / Family Business)
- Further Studies (Within Country / Study Abroad / Research Careers)

### **Career Success Factors Model**

The Vishwakarma University has evolved a conceptual model regarding career success. The key aspects are as follows;

- Knowledge (Applied & Fundamental Domain Knowledge | Inter-Disciplinary Knowledge | Industry Awareness | Current Affairs)
- Skills (Functional Domain specific Skills | Interpersonal Skills | Self-Management Skills | Use of State-of-the- Art Tools)
- Attitude (Continuous Learning | Positive Approach | Commitment to Work | Professional and Civic Values)

### Placement and Career Progression Assistance Programme (PCPAP)

Vishwakarma University has developed a comprehensive programme for the students to make them career ready and provide them job opportunities. The purpose is to help prepare students for career progression and placement over and above academic inputs by engaging with industry professionals, corporate trainers, and expert faculty.

The training includes Courses, Tests, Quizzes, Assignments, Interactions, Role Plays, Activities, and Projects. The placement includes on-campus, off-campus, pool campus, and virtual campus placement drives.

### **Industry Engagement**

Industry Advisory Boards | Industry on Campus | Interact with Industry Leaders | Events and Sponsorships | Institution-Industry Interaction Cell | Incubation Facility | MoUs with Industry | Centres of Excellence

### **Top Sectors for Jobs and Internships**

Agriculture & Allied | Banking & Financial Services | Consulting, Analytics, Research | Education, Training, E-Learning | Manufacturing, Engineering, Automobile | Food & Beverages | Apparels & Accessories, Consumer Durables & Electronics | Healthcare, Pharmaceutical | IT & ITes | Media, Entertainment, Advertising | Real Estate, Infrastructure, Construction | Hospitality, Tourism | Retail & E-Commerce | Professional Services - Legal, Counselling, Interior & Architecture, Branding & Design

### **Global Exposure**

#### International Collaborations for Student Exchange, Faculty Exchange, Research, or Internships

Korea Institute of Science and Technology, South Korea | State University of New York, Binghamton, USA | National University, USA | The University of Ngaoundere, Cameroon | Wufeng University, Taiwan | Ontario Universities International | Hof University of Applied Sciences, Hof, Germany | IMT Lille Douai, France | Kasetsart University, Thailand | Asian Institute of Technology, Bangkok, Thailand | Chulalongkorn School of Integrated Innovation, Thailand | School of Computing, National University of Singapore, Singapore | Energy Research Institute, NTU, Singapore

### **Career Support Declaration**

We, at Vishwakarma University, provide assistance to interested candidates in meeting their career advancement goals with respect to job, entrepreneurship, competitive exams, and further studies. Our endeavor is to provide them wider exposure, greater insights, and better practice to be career ready. Employability enhancement inputs and multiple job opportunities are provided to registered students. However, Vishwakarma University does not guarantee a job.













## LIFE AT VU

At Vishwakarma University, the pursuit of wisdom is constant which guide the students to carve out successful and meaningful life for themselves and make the world a better place.





















### **Industry Connect - Centres of Excellence**

- Center of Excellence for Design Thinking and Innovation in collaboration with the State University of New York at Binghamton
- Center of Excellence for Water Quality in collaboration
   with Wilo
- Center of Excellence for Energy and Sustainability
- Center for E-Learning
- Center of Communication for Development

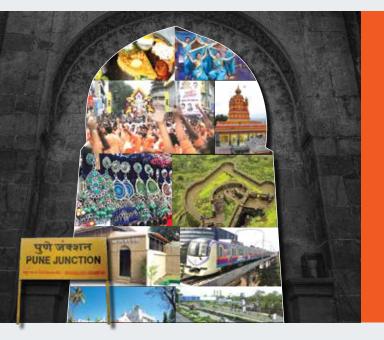
- Center of excellence for Media, Entertainment, Events and Tourism in collaboration with Wizcraft
- Center of Excellence for Biosystems, Biomedical and Drug Delivery Technologies
- Center of Excellence for Emerging Digital Grid and E-Mobility
- Center for Industry 4.0
- VU-IQUBE
- Unity Center of Excellence
- Center of Excellence for Innovation in Built Environment and Research Generation- i-BERG

### **Our Associates**



### **Industry Collaborations**





# Life @ OUNE

Pune, recognized as Oxford of the East, has everything that a prospective student would want when looking for affordable higher education options. The Educational environment in Pune is among the most conducive in the country for the intellectual development of students.

Pune is regarded as one of the safest cities in the country. It has a perfect blend of rich culture, heritage & Modernization. Best educational opportunities along with pleasant weather condition and metropolitan lifestyle make Pune City an attractive career destination for aspiring youngsters.

### Hostel

Separate accommodation and food facility for Boys and Girls on a first come first serve basis. Refer to "Hostel Brochure" to know more.



Vishwakarma University, Pune Survey No. 2, 3, 4 Laxmi Nagar, Kondhwa (Bk.) Pune - 411048. Maharashtra, India.

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