



**VISHWAKARMA**  
**UNIVERSITY**

*Maximising Human Potential*

University Grants Commission (UGC) Approved State Private University

# SCIENCE AND TECHNOLOGY

MAXIMISING  
HUMAN  
POTENTIAL







## ABOUT US

Vishwakarma University, Pune (VU) is a natural offshoot of the Vishwakarma Group of Institutions' educational legacy spanning more than 38 years. Being approved by University Grants Commission (UGC), Government of Maharashtra, Association of Indian Universities (AIU) and respective Council of India, VU is authorized to design and implement curriculum, conduct examinations and award degrees which are at par with National and International Universities.

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.

The programmes offered at VU are well designed based on methodical study and assessment with emphasis on knowledge integration, practical orientation, universal relevance and its social significance. Through contemporary curriculum and ecosystem of holistic development, the University aims to prepare learners for fulfilling career paths.

## STREAMS AT VU

- Faculty of Art and Design
- Faculty of Architecture
- Faculty of Commerce & Management
- Faculty of Humanities and Social Science
- Faculty of Interdisciplinary Studies
- Faculty of Law
- Faculty of Media and Communication
- Faculty of Pharmacy
- Faculty of Science & Technology





# VU ADVANTAGE

## Robust Academic Framework

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

## Vibrant Learning Ecosystem

- + Interdisciplinary Approach
- + Experiential & Blended Learning
- + Industry Projects
- + Concurrent Evaluation

## Global Approach to Education

- + 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.

## KEY HIGHLIGHTS



**Contemporary Curriculum**



**Research & Innovation**



**Rich Library Resource**



**Cutting Edge-Technology**



**Co-Curricular Activities**



**Major-Minor Options**

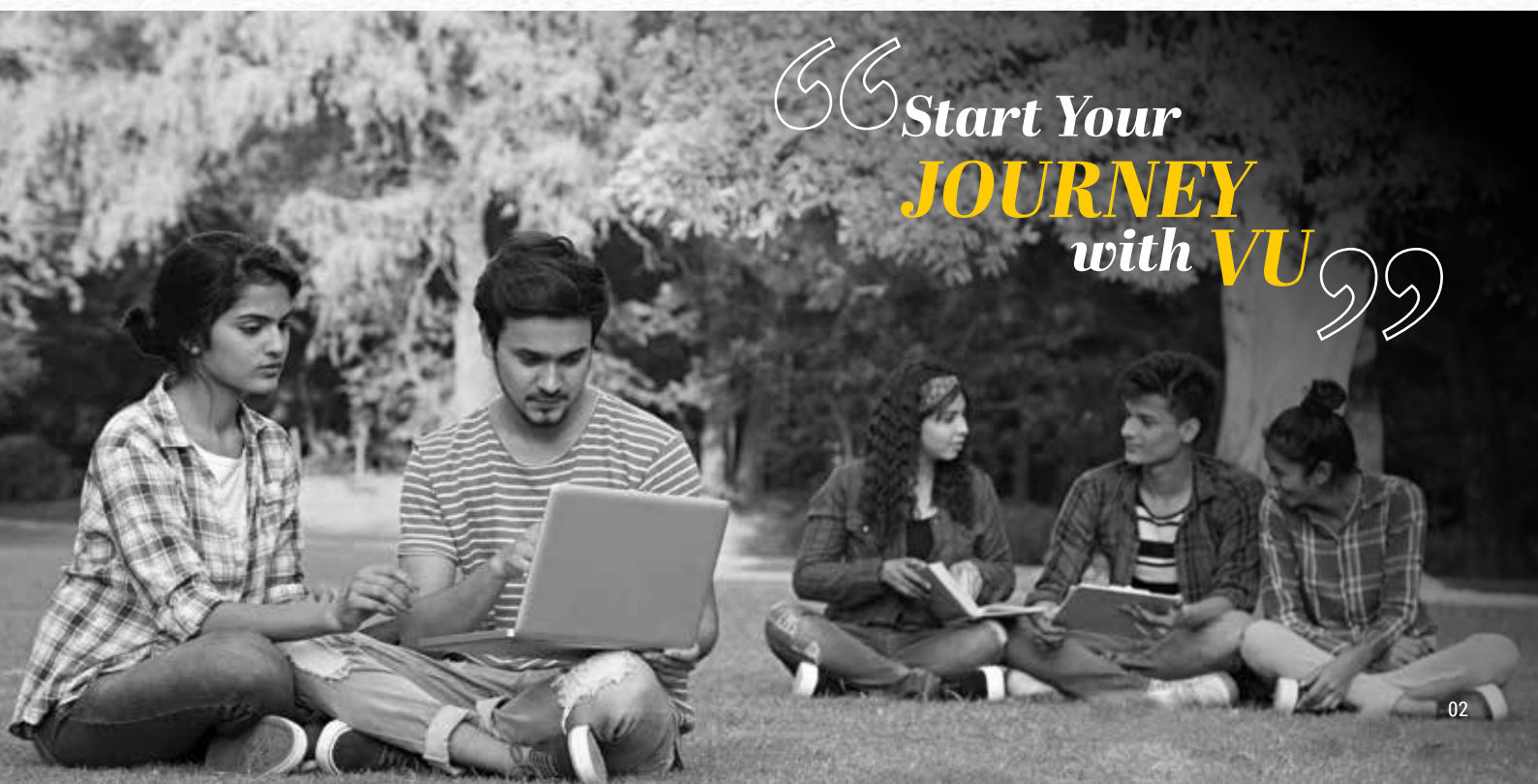


**Student Exchange Programme**



**Professional Mentoring**

“Start Your  
**JOURNEY**  
with **VU**”



“Achieve your  
**DREAMS**, prepare  
your **FUTURE**”

## PROGRAMMES

### B. TECH.

- + Artificial Intelligence and Data Science
- + Computer
- + Mechanical

### B. SC. | M. SC.

- + Computer Science
- + Statistics – Big Data Analytics
- + Mathematics



- + Wastewater & Sanitation Management
- + Marine Plastic Abatement





# FACULTY OF SCIENCE AND TECHNOLOGY



*“Building Careers - Shaping Future”*

We at Faculty of Science and Technology, offer most sought-after programmes by adopting innovative curriculum, pedagogies and futuristic applications. Students are moulded with skills and technologies of tomorrow, to be the problem-solver. Through blend of core, elective and professional courses students are prepared to confront the challenges of professional life and advance on their career paths in varied industries. Internationalization of programmes ensures academic quality, promotes best research, practices and mobility of students.

## Key Highlights:

- + Industry backed Curriculum
- + Project Based Learning
- + Faculties with extensive teaching skills and research experience
- + Tie-up with International Universities
- + Centralized “Vishwakarma” Placements

## Eligibility

### B. TECH.

Bachelor of Technology

Passed 12th (10+2) examination with English along with Physics and Mathematics as compulsory subject with aggregate of 45% (40% for reserved category) marks from any recognized Board.

### B. TECH.

Bachelor of Technology (SEDA)

Lateral Entry - Second Year Direct Admission

Passed Diploma examination with at least 45% marks (40% in case of reserved category) in appropriate branch of Engineering and Technology.

### B. SC.

Bachelor's of Science

Passed 12th (10+2) or its equivalent examination with English and Mathematics and two of the science subjects such as Physics, Chemistry, Biology, Geography, Geology etc.

### M. SC.

Masters of Science

BE / B. Tech. / B. Sc. in CSE / ECE / EEE / ISE / TE / BCA qualification with 50% (45% for reserved category) marks from any recognized University. Preferred from respective background.

## Career Opportunities

**Artificial Intelligence & Data Science** : Machine Learning Engineer, Robotic Scientist, Data Scientist, AI Research Scientist, Business Intelligence Developer, Software Architect, Data Analyst, Data Engineer, Computer Vision Engineer

**Computer** : Application Developer, Software Engineer, System Analyst, Database Administrator, Network Systems Administrator, Chief Technology Officer, Computer Systems Manager, Customer Support Administrator, Webmaster

**Mechanical** : Automation Engineer, Design Engineer, Powertrain Engineer, Industrial Engineer, Automotive Engineer, Biomedical Engineer, Heating, Ventilation and Air Conditioning (HVAC), Research & Development.

**B. SC. & M. SC.** : Programmer, Software Developer / Engineer, Multimedia Programmer, Web Designer, Website Developer, Database Developer/Administrator, Network Architect, Systems Analyst, Information Systems Manager, Data Analyst, Data Engineer, Data Scientist, AI & Machine Learning Engineer, IT Consultant, Cyber Security Specialist, Game Developer, etc.

**Wastewater And Sanitation Management & Marine Plastic Abatement**: Work with Water and Wastewater Industries, Sewage Treatment Plants, Water Treatment Plants, NGOs, Municipal Corporations, Hotel Industry, and Aviation Sector, Quality Control Auditors, Environment Officer, Sanitation Manager, Executive Production Incharge, etc.



A man in a dark suit, white shirt, and patterned tie is shown from the chest up. He is holding a glowing, wireframe globe with his right hand. The globe is surrounded by a complex network of lines and nodes, suggesting a global or technological theme. The background is dark with various icons and patterns, including a bar chart, a puzzle piece, a laptop, and several person icons in circles.

“**A FUTURE**  
to look Forward”

**1000+**  
DIVERSE INDUSTRY  
LINKAGES

**800+**  
STUDENT PROJECTS  
& INTERNSHIPS

**500+**  
ESTEEMED CAMPUS  
RECRUITERS



# PLACEMENT AND CAREER PROGRESSION



Career Support Office (CSO) division plays a pivotal role in counselling and guiding the students for their successful career. It's been forefronting the activity of bringing corporate to the campus and encouraging them to establish connect with the students. It aims to provide job and Internship opportunities to all the students. CSO organizes several activities to mould the students to meet the industry requirements. It believes in imparting comprehensive training to the students to face the challenges of the dynamic job market and to build a successful career for themselves.

## Some of our Campus Recruiters



## TESTIMONIALS

### Alumni Talk

“

I would recommend VU and would encourage students to study hard and inform themselves as much as possible about the several academic opportunities the University offers. VU takes the educational mission to heart, here you will find people who will support you and guide you on the path to your degree.

”

“

I would consider VU as my second home. I have built great relationships with my classmates, teachers, and staff. It has been an amazing experience for me that has helped me grow personally and professionally at VU.

”

### Parent Talk

“

We, as the parents always look for the best place to study for our child which has the potential to guide in the professional manner. VU has very professional approach in all aspects. They constantly try to bridge the gap between the education & industry by implementing various activities. Experience with VU is satisfying

”

“

As parents we have always appreciated the personal touch by VU through regular parent meets and events. VU is an excellent place for students who want to study industry driven curriculum. Winter and summer internship projects gave my daughter an experience of corporate culture. We would like to thank VU for their timely support and for creating good learning ecosystem.

”



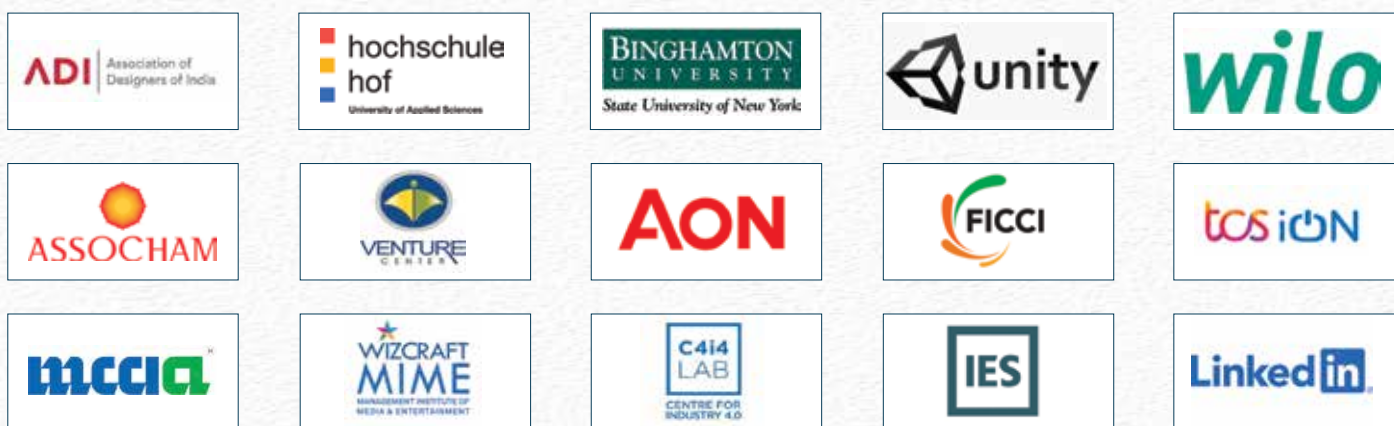




# CENTRES OF EXCELLENCE

- + Design Thinking & Innovation in collaboration with the State University of New York at Binghamton
- + Water Quality in collaboration with Wilo
- + Energy and Sustainability
- + Centre for E-Learning
- + Centre of Communication for Development
- + Media, Entertainment, Events and Tourism in collaboration with Wizcraft
- + Biosystems, Biomedical and Drug Delivery Technologies
- + Emerging Digital Grid and E-Mobility
- + Centre for Industry 4.0
- + VU - IQUBE
- + Unity Centre of Excellence
- + Innovation in Built Environment and Research Generation- i-BERG

# OUR ASSOCIATIONS & COLLABORATIONS



# RANKING

Vishwakarma University, welcomes students from around the globe, expanding our academic offerings and geographic reach, and celebrating significant milestones in diversity, rankings, and successful outcomes. VU enjoys high standing among many national rating services that evaluate quality of education, research activity, affordability and excellence in education. These rankings recognize not only VU as a whole, but also the faculty and departments. Vishwakarma University, Pune is proud to be recognized by the organizations and publications listed below for excellence in education.





# VU NATIONAL ENTRANCE TEST

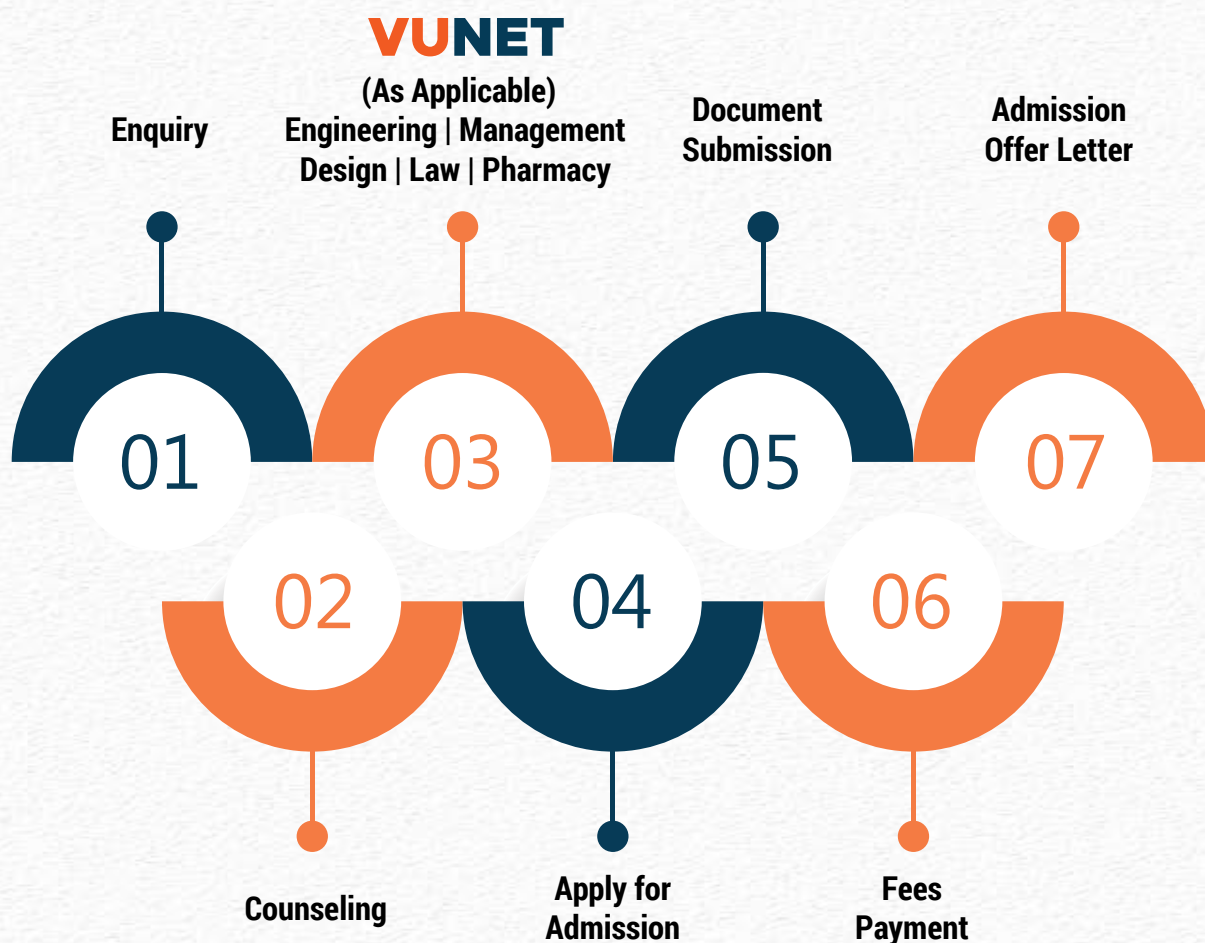
Vishwakarma University National Entrance Test - VUNET is a competitive examination conducted by VU for the purpose of admission of students into its select Programmes from all over the world. VUNET forms the basis of eligibility for some of the Programmes offered by Vishwakarma University, Pune.

## VUNET

Programmes for which admissions are accepted through VUNET



## ADMISSION PROCESSES





MAXIMISING  
HUMAN  
POTENTIAL

## ADMISSIONS OFFICE

**Vishwakarma University, Pune**

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

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LOCATE US

