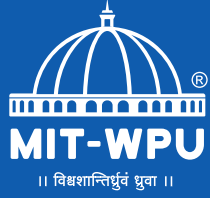


DEPARTMENT OF BIOENGINEERING



Since 1983

Dr. Vishwanath Karad

MIT WORLD PEACE UNIVERSITY | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

**PREPARING INNOVATORS
WHO CONNECT ENGINEERING
WITH LIFE SCIENCES**



**ADMISSIONS
OPEN 2026**

School of Engineering and Technology

The School of Engineering and Technology at MIT-WPU exemplifies educational excellence, standing as a shining beacon of intellectual distinction with programmes designed to inspire and innovate. Our transformative approach transcends conventional engineering education through immersive industry partnerships, experiential learning, and cutting-edge pedagogical methodologies, including Problem-Based Learning. Distinguished faculty, comprising educators and industry veterans, bring invaluable real-world insights, ensuring that students master both theoretical foundations and practical applications. Through collaborative learning environments, diverse specialisations, and strategic industry connections, we cultivate technically proficient professionals ready to lead technological advancement, tackle complex global challenges, and drive innovation across diverse engineering disciplines.

Department of Bioengineering

MIT-WPU's Department of Bioengineering stands as a pioneering hub of interdisciplinary excellence, seamlessly integrating biology, engineering, and technology to address critical global challenges. Backed by the legacy of over 43 years, the School of Engineering and Technology, offers a curriculum that develops ethically grounded bioengineering professionals who drive innovation across healthcare, biotechnology, and environmental sustainability. Through diverse elective tracks—including Biomedical Engineering, Biomechanics, Bioinformatics, Bioprocess Engineering, and Genetic Engineering—we prepare graduates for impactful careers in India's growing Bio-Revolution and beyond.

Students gain hands-on expertise through 20+ advanced laboratories, including the Central Instrument Facility, while learning from faculty with international research and industry experience. Our GATE-aligned curriculum integrates cutting-edge domains like Artificial Intelligence and sustainable technologies, ensuring industry readiness and research capability. Beyond technical excellence, transformative initiatives like RIDE (Research, Innovation, Design and Entrepreneurship) and SLDP (Social Leadership Development Program), coupled with Rural, National, and International Immersions, foster holistic development. This comprehensive approach cultivates compassionate, future-ready professionals equipped to lead technological advancement and contribute meaningfully to society.



Ranked in the
101-150 band by NIRF 2025

Times Engineering 2025 Rankings
Ranked 4th in the West Zone

Key Highlights

- **New-age Curriculum:** The curriculum blends biological sciences with engineering principles, covering diverse subjects like bio-nanotechnology, biomechanics, bioprocess engineering, biomaterials, bioanalytical techniques, fundamental of proteomics, biological transport phenomenon, modeling and simulation with world class software training.
- **Employment-Ready Skills:** Gain expertise in bioinformatics, genetic engineering, and biomedical instrumentation, equipping you for careers in the rapidly growing bioengineering field.
- **Expert Faculty:** Learn from faculty members with extensive industry experience and academic backgrounds, providing both theoretical knowledge and practical learning opportunities.
- **Research Experience:** Engage in interdisciplinary research and contribute to innovative projects with high-impact publications, fostering your development in solving real-world challenges.
- **Strong Industrial Tie-Up:** MIT-WPU, through its CIAP (Centre for Industry-Academia Partnerships), connects you with top industries in biometrics, pharmaceuticals, and healthcare, offering internships and placements in leading companies.

Programmes Offered

UNDER
GRADUATE
PROGRAMME

B.Tech
Bioengineering



Duration
4 Years



Fee Per Annum
₹3,65,000

POST
GRADUATE
PROGRAMME

M.Tech Medical Devices



Duration
2 Years



Fee Per Annum
₹4,55,000

Ph.D.
PROGRAMME

Ph.D. in Bioengineering

Visit the official website of MIT-WPU
mitwpu.edu.in



Eligibility & Selection Process



Programme	Eligibility Criteria	Selection Process
Undergraduate Programmes	<p>A minimum of 50% aggregate marks in Class 10+2/ HSC, with English as a compulsory subject and a minimum of 50% aggregate marks in any one of the following subject groups:</p> <ul style="list-style-type: none"> • PCM (Physics, Chemistry, Mathematics), • Physics & Mathematics with any Technical Vocational Subject • PCB* (Physics, Chemistry, Biology*), <p>[*Biology/ Biotechnology is applicable only for the Bioengineering Programme.] (Minimum 45% aggregate marks for candidates belonging to the Reserved Category from Maharashtra State). OR A minimum 60% aggregate marks in a Diploma in Engineering & Technology in a relevant branch from a government-approved technical board.</p>	<p>Admissions are based on the scores of JEE 2026/ MHT-CET 2026/ PERA-CET 2026, or MHT-CET-B* 2026/ NEET 2026* (*applicable only for the Bioengineering programme), along with a 500-word Statement of Purpose (SOP) written by the candidate.</p>
Postgraduate Programme	<p>Minimum 50% aggregate marks in 4-years graduation degree in B.Tech./B.E. in Biomedical/ Biotechnology/ Chemical/ Electrical/ Electronics and Communications/ Instrumentation/ Mechanical Engineering/ Computer Science Engineering/ Artificial Intelligence/ Material Science or similar subject areas or B.Des./ M.Sc. in Biotechnology/ Physics/ Biochemistry/ Microbiology/ Chemistry/ Life Sciences and related sciences or M.B.B.S., B.D.S., B.Pharm, Pharm.D, BAMS, BHMS or Clinical Degree in related disciplines from a UGC-approved institution/university (Minimum 45% aggregate marks for candidates belonging to the Reserved Category from Maharashtra State).</p>	<p>Admission will be based on the merit of the MIT-WPU CET 2026 Entrance Examination, along with a Personal Interaction (PI) conducted by MIT-WPU as per the prescribed schedule. A valid score in GATE (2026/ 2025/ 2024), NEET-PG 2026/ GPAT (2026/ 2025/2024), NEET-AIIMS (INI-CET), NEET-MDS 2026, PERA-CET 2026 score will also be considered for the selection process; in such cases, the candidate must additionally appear for the MIT-WPU CET Personal Interaction (PI) as per the schedule. For admission under sponsored category, candidate must have a minimum of two years of full-time work experience in a registered firm, company, industry, educational/research institute, Government Department, or Government Autonomous Organization in the relevant field in which admission is sought. A Sponsorship Certificate (in the prescribed format) is mandatory for admission under this category</p>
Ph.D. Programmes	<p>visit the official website of MIT-WPU mitwpu.edu.in.</p>	

Note: MIT-WPU retains the right to make changes to any published schedule for the selection process.

Scholarships

MIT-WPU offers financial assistance and scholarships to the meritorious students based on their academic performance in the National level/State Level entrance exams / Entrance Examination conducted by MIT-WPU (MIT-WPU CBT Score) for the academic year 2026-27.

The categories of Merit Scholarships are as below*:

1. **Dr. Vishwanath Karad Merit Scholarship**
2. **MIT-WPU Merit Scholarship-I**
3. **MIT-WPU Merit Scholarship-II**

*Terms and conditions:

1. Scholarships are granted on a First Come First Serve basis.
2. Scholarships are awarded as fee adjustments.
3. To maintain the scholarship throughout the programme, students must maintain a minimum academic score of 8 CGPA across all semesters, attendance of at least 80%, and a clean disciplinary record.



Scan QR Code for
More Information

Placements

Your Talent.
Our Network.



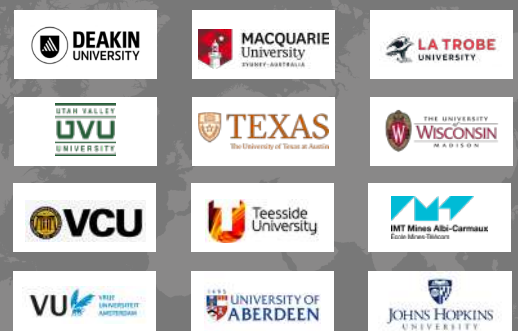
The dedicated Placement Cell, which is the Centre for Industry-Academia Partnerships (CIAP) at MIT-WPU, opens doors to multiple career opportunities for graduates. With a consistent track record of high placements, the cell connects students with prestigious firms, providing career guidance and preparing them for the professional arena. Complementing this, the eight-week Summer Internship, from late April to mid-July, integrates classroom knowledge with hands-on experience. This mandatory programme propels students into professional ecosystems, providing practical insights crucial for their careers.

Our Top Recruiters

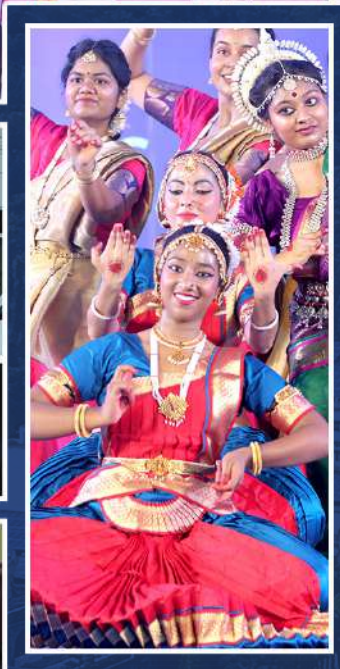


International University Collabs

MIT-WPU continues to foster, strengthen, and sustain global relationships. We extend intercultural networks for our students and strive towards global leadership. The initiatives include student and faculty exchange programmes, summer and winter programmes, research associations, and international immersions. We also offer semester-abroad programmes, project mentorship, extra credit programmes, and enriching intercultural activities. MIT-WPU has built partnerships with over 40 universities, including Deakin University, Macquarie University, Monash University, University of Vermont, Eastern Michigan University, and Virginia Commonwealth University, among others.



LIFE @ MIT-WPU



100+ student clubs at MIT-WPU stand as a vibrant community within the academic hub. The clubs give students an extraordinary opportunity to engage in a wide array of activities, events and competitions for personal and professional growth.

Hostel

MIT-WPU offers fully equipped, cutting-edge hostel facilities to students, both on and off-campus, ensuring a comfortable and secure living environment. Students can choose between twin-sharing and triple-sharing rooms, all of which come with unlimited high-speed Wi-Fi and housekeeping services. Our hostels are overseen by full-time wardens, equipped with CCTV monitoring, and feature biometric-enabled entrances to prioritize safety.

- Live food counters with fresh, hygienic, nutritious meals in multiple cuisines.
- In-house laundry facilities for student convenience.
- On-call doctors and hospital tie-ups for emergencies.
- Recreation zones with dance/ yoga rooms, gym, gaming area, hangout zones, and reading room.
- Dedicated transport between hostels and campus.
- Modern facilities with housekeeping and high-speed internet.
- 24x7 campus security with biometric entrances and round-the-clock wardens.



Degree++ Courses

LEARNING BEYOND CLASSROOM

A carefully curated set of experiential learning courses designed to foster the holistic development of our students.

FIRST YEAR

→ Social Leadership Development Programme (SLDP)

Necessary exposure and opportunities to become a change leader.

→ Co-Creation

Ability to work in multi-disciplinary teams on real world complex problems.

SECOND YEAR

→ Research, Innovation, Design, and Entrepreneurship (R.I.D.E)

Pathway to innovation and entrepreneurship

→ Rural Immersion

Understand the problems of Bharat and employ technical skills to benefit society.

→ Life Transformation Center

Journey of reflection and self-discovery

THIRD YEAR

→ National Immersion Programme

Exposure to and appreciation of academic, cultural and regional diversity

→ Democracy, Leadership Governance & Public Policy

Contribute to society using critical thinking and by embracing different viewpoints

** Terms and conditions apply*

About MIT-WPU

With a rich legacy of 43+ years in fostering world-class academic excellence and over 100,000 alumni across the globe, MIT-WPU is one of the premier centres of higher learning in India. Today over 25,000 students from diverse backgrounds across the world are experiencing a 'life-transforming curriculum' across a multitude of professional academic programmes. Currently, students are pursuing education in over 150 programmes at MIT World Peace University. Located in the picturesque city of Pune, the MIT-WPU campus is surrounded by key civic infrastructure and sprawls over 65 acres of lush green campus.



SHRAVANI GAJENDRAGAD
B.Tech Bioengineering

"I am Shravani Gajendragad, a B.Tech. Bioengineering student at MIT World Peace University. Being a part of this program has shaped my academic journey in ways that I had never imagined. It has offered me not only rigorous technical training, but also meaningful exposure to research and real-world applications. I have had the opportunity to participate in various national and international conferences, broadening my perspective to a global stage. The well-equipped and modern laboratories have allowed me to actively engage in multiple projects and utilize the advanced instrumentation essential for contemporary research. The continuous guidance from faculty and strong institutional support for extracurricular activities have contributed significantly to my holistic development. Together, these experiences have reinforced my passion for innovation and research in bioengineering."



Maharashtra, Goa:
8007042359,
7030963287

Rajasthan:
7030963285

West Bengal, North East:
9075038051

Bihar:
7030963289

**Delhi, NCR, Haryana,
Jammu & Kashmir:**
7774023698

**Uttarakhand, Himachal
Pradesh:**
8380023757

Uttar Pradesh:
8007042264,
9075038047

Chhattisgarh:
8605007435

Punjab:
9607132371

Jharkhand:
7030963288

Karnataka, Kerala :
8799949590

**Andhra Pradesh, Tamil
Nadu, Telangana,
Puducherry:**
9145002073

**Gujarat, Dadra and Nagar
Haveli and Daman and Diu:**
7720061620

Madhya Pradesh:
9112228871



Since 1983

Dr. Vishwanath Karad
**MIT WORLD PEACE
UNIVERSITY | PUNE**
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

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Email: admissions@mitwpu.edu.in
Website: mitwpu.edu.in
Address: MIT-WPU, Kothrud, Pune

APPLY ONLINE



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