

DEPARTMENT OF MECHANICAL ENGINEERING



Since 1983

Dr. Vishwanath Karad

**MIT WORLD PEACE
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

TRANSFORMING
INNOVATIVE
MINDS



**ADMISSIONS
OPEN 2026**

School of Engineering and Technology

MIT-WPU's School of Engineering & Technology is designed to shape future-ready engineers through a curriculum that balances technical knowledge, real-world application, and innovative thinking. The school emphasises experiential learning with active methodologies such as Problem-Based Learning (PBL), immersive internships, capstone projects, and a rich selection of electives. With robust academic-industry linkages and a keen focus on interdisciplinary collaboration, our students graduate exceptionally equipped to lead and innovate across various industries.

Department of Mechanical Engineering

The Department of Mechanical Engineering at MIT-WPU provides a comprehensive education in core areas such as design, thermodynamics, manufacturing, automation, and robotics. Students also explore emerging fields like e-mobility and energy systems, supported by advanced laboratories. Collaborations with organisations like DRDO offer invaluable research opportunities and industry exposure through guest lectures, industrial visits, and internships, preparing graduates for diverse and rewarding careers in mechanical engineering.

Key Highlights

- **Balanced Learning:** Our rigorous academic programmes are perfectly balanced with enriching co-curricular activities, preparing you for real-world engineering challenges.
- **Global & Ethical Focus:** The curriculum instills strong human values and a sense of global citizenship, developing well-rounded engineers.
- **Industry-Ready Facilities:** Learn hands-on in our state-of-the-art Centre of Excellence with TATA Technologies and specialised labs, all aligned with Industry 4.0 standards.
- **Innovative Pedagogy:** Benefit from active, problem-based, experiential, and collaborative learning approaches that keep you engaged and industry-ready.
- **Diverse Specialisations:** Choose your path with tracks in Design & Simulation, Energy, Robotics, Automotive Engineering, and Manufacturing & Automation.
- **Interdisciplinary Growth:** Broaden your perspective with choice-based programmes, capstone projects, and electives across various disciplines.
- **Extensive Industry Exposure:** Gain practical experience through rural immersion programmes, national/international industrial tours, and affiliations with leading organisations like SAE, IET, and ASHRAE.
- **Expert Faculty & Connections:** Learn from highly qualified faculty and leverage our strong industry-academia ties for quality education and mentorship.
- **Holistic Development:** Social internships and certification programmes shape you into a well-rounded, globally competent professional.



Ranked in the 101-150 band
by NIRF 2025

Times Engineering 2025 Rankings
Ranked 4th in the West Zone

Programmes Offered

Undergraduate Programmes

B.Tech Mechanical Engineering

Duration
⌚ **4 Years**

Fee Per Annum
₹ **3,65,000/ PA**

B.Tech Mechanical Engineering (Robotics and Automation)

Duration
⌚ **4 Years**

Fee Per Annum
₹ **3,65,000/ PA**

Postgraduate Programmes

M.Tech Mechanical Engineering (Design Engineering)

Duration
⌚ **2 Years**

Fee Per Annum
₹ **2,25,000/ PA**

M.Tech Mechanical Engineering (Robotics and Automation)

Duration
⌚ **2 Years**

Fee Per Annum
₹ **2,25,000/ PA**

Ph.D. Programmes

Ph.D. in Mechanical Engineering

For more information and detailed programme outlines, visit: mitwpu.edu.in



Eligibility & Selection Process

Undergraduate Programmes

Eligibility Criteria

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:

- PCM (Physics, Chemistry, Mathematics),
- Physics & Mathematics with any Technical Vocational Subject (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.

Selection Process

Admissions are based on the scores of JEE 2026/ MHT-CET 2026/ PERA-CET 2026, along with a 500-word Statement of Purpose (SOP) written by the candidate

Postgraduate Programmes

Eligibility Criteria

Minimum 50% aggregate marks in a 4-year graduation degree in the relevant Engineering branch from a UGC-approved institution/university or its equivalent (Minimum 45% aggregate marks for candidates belonging to the Reserved Category from Maharashtra State).

Selection Process

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.

A valid score in GATE (2026/ 2025/ 2024), PERA-CET 2026 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

Ph.D. Programmes

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

****Note:** All International Baccalaureate (IB) students are required to score a minimum of 24 points for six subjects.

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:

- All Scholarships are awarded on a first-come, first-served basis.
- All Scholarships are awarded as fee adjustments.
- 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.



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More Information

Highest Package
Rs.46 Lakhs PA

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. Together, strategic placements and experiential learning define the institution's commitment to shaping well-rounded, industry-ready professionals.

Our Top Recruiters



International University Collaboration

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 programs, 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

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 '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.



KAUSHAL SACHIN KSHIRSAGAR
B.Tech Mechanical Engineering

"I have witnessed remarkable growth during my B.Tech Mechanical Engineering journey at MIT-WPU's School of Engineering and Technology—not just academically, but in every aspect of my life. The positive, lively, and peaceful campus environment has constantly inspired me to excel. Engaging in innovative projects and gaining hands-on exposure through world-class infrastructure, design labs, and testing facilities has been a truly transformative experience, shaping me into a confident and future-ready mechanical engineer."

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Dadara & Nagar Haveli**
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Rajasthan:
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Karnataka, Kerala, Tamil
Nadu, Puducherry**
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Jharkhand & Chhattisgarh
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Bihar and Odisha
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& Kashmir**
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Pradesh, Uttarakhand**
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West Bengal and Northeast
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Since 1983

Dr. Vishwanath Karad

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UNIVERSITY | PUNE**

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

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Email: admissions@mitwpu.edu.in
Website: mitwpu.edu.in
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APPLY ONLINE



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