

DEPARTMENT OF PETROLEUM ENGINEERING



Since 1983

Dr. Vishwanath Karad

**MIT WORLD PEACE
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

SHAPING
GRADUATES READY
TO NAVIGATE
**EXPLORATION,
EXTRACTION,
AND TRANSITION**



**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 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 Petroleum Engineering

MIT-WPU's Petroleum Engineering Department, India's second oldest and Maharashtra's only one, delivers a distinctive B.Tech programme with a specialized, industry-focused curriculum. We prepare students to address critical energy challenges and strengthen national energy security through comprehensive training in reservoir engineering, production, drilling, and petroleum exploration. Our interdisciplinary approach integrates mechanical, electrical, electronics, and chemical engineering principles with cutting-edge technologies including data sciences, machine learning, and computer simulation. Students gain exposure to alternative energy solutions, ensuring industry readiness. The department hosts four prominent professional student chapters, with our SPE chapter receiving consecutive "Student Chapter Excellence Awards" for five years, fostering direct professional community engagement.



Ranked in the
101-150 band by NIRF 2025

Times Engineering 2025 Rankings
Ranked 4th in the West Zone

Key Highlights

INDUSTRY-ALIGNED CURRICULUM

Case-based learning methodology with a specialized focus on reservoir, drilling, and production engineering challenges

EXTENSIVE CORPORATE

PARTNERSHIPS

Strategic MoUs with 231+ leading energy companies ensuring comprehensive industry training and placement opportunities.

STATE-OF-THE-ART LABORATORIES

Access to specialized facilities including Petroleum Reservoir Characterization, Drilling Engineering, Exploration Technology, and DST-SERB research labs.

GLOBAL EXPOSURE PROGRAMMES

National and international immersion initiatives enhancing students' global competence and industry perspectives

COMPREHENSIVE SKILL

DEVELOPMENT

Six-month mandatory industry internships, skill enhancement courses, and Computer Engineering minor for competitive advantage.

ENTREPRENEURSHIP

SUPPORT

MIT-WPU Technology Business Incubator provides funding, mentoring, and networking opportunities for innovative energy ventures

PROFESSIONAL CHAPTER

EXCELLENCE

Four prominent student chapters with the SPE chapter receiving consecutive excellence awards for five years

Programmes Offered

UNDER GRADUATE PROGRAMME

B.Tech Petroleum Engineering



Duration
4 Years



Fee Per Annum
₹3,00,000

POST GRADUATE PROGRAMME

M.Tech Petroleum Engineering



Duration
2 Years



Fee Per Annum
₹2,25,000

Ph.D. PROGRAMME

Ph.D. in Petroleum Engineering

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

Note*: For more details, visit the official website of MIT-WPU (mitwpu.edu.in)

Students can opt electives from a basket of subjects like

- Artificial Intelligence for E&P Industry
- Application on Machine Learning for Petroleum Industry
- Data Analytics in Oil and Gas

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 (Minimum 45% aggregate marks for candidates belonging to the Reserved Category from Maharashtra State). <p>OR</p> <p>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, along with a 500-word Statement of Purpose (SOP) written by the candidate</p>
Postgraduate Programmes	<p>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).</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.</p> <p>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.</p> <p>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.



Highest Package
₹46 LPA

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



& many more...

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

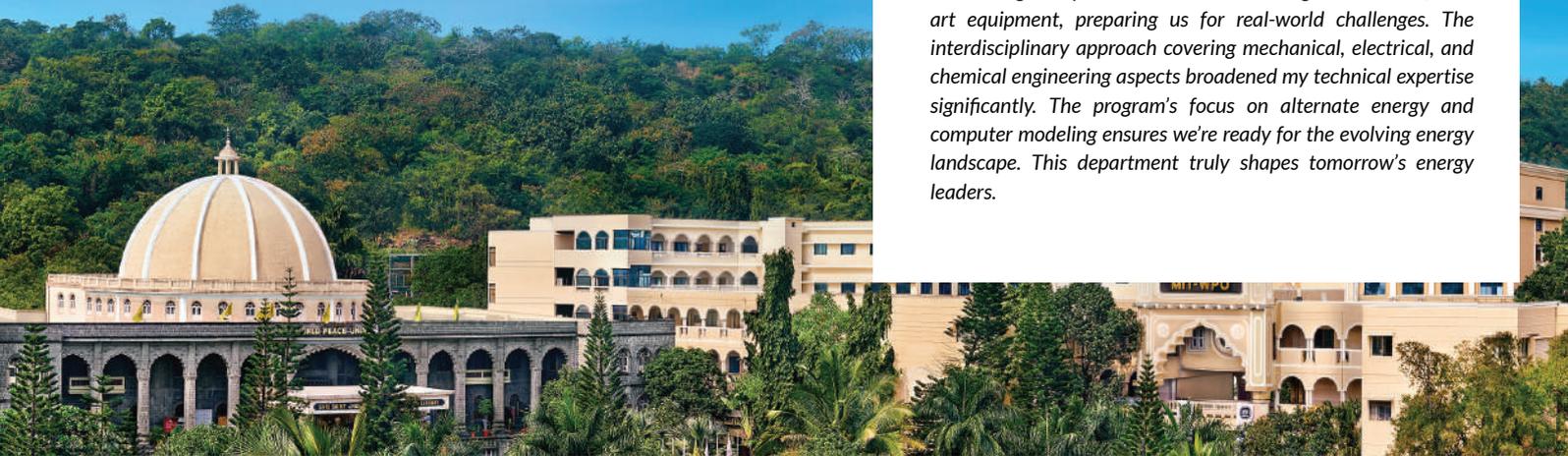
With a rich legacy of 43+ years in fostering world-class academic excellence and over 100,000 alumni across the globe, MIT-WPU is one of the premier centres of higher learning in India. Today over 25,000 students from diverse backgrounds across the world are experiencing a 'life-transforming curriculum' 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.



ARHAM KASKAR

B.Tech Petroleum Engineering

Studying at MIT-WPU's Petroleum Engineering Department, the second oldest in India, has been transformative. The advanced curriculum perfectly blends reservoir engineering, drilling technology, and cutting-edge data sciences with machine learning applications. Our expert faculty brings invaluable industry experience, making complex concepts accessible. The specialized Underground Construction and Tunnel Monitoring Lab provided hands-on training with state-of-the-art equipment, preparing us for real-world challenges. The interdisciplinary approach covering mechanical, electrical, and chemical engineering aspects broadened my technical expertise significantly. The program's focus on alternate energy and computer modeling ensures we're ready for the evolving energy landscape. This department truly shapes tomorrow's energy leaders.



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

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UNIVERSITY | PUNE**
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Call: +91 20 7117 7137
WhatsApp: +91 98814 92848 (Message only)
Email: admissions@mitwpu.edu.in
Website: mitwpu.edu.in
Address: MIT-WPU, Kothrud, Pune

APPLY ONLINE



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