



Dr. Vishwanath Karad

**MIT WORLD PEACE  
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

# ***Faculty of Engineering & Technology***

## ***M.Tech. ADMISSION HANDBOOK 2022-23***

**(UGC Approved University)**

**S.No. 124, Paud Road, Kothrud, Pune – 411038(INDIA)**

**Tel: +91- 020 71177104 / 05 Fax:+91-20-25442770**

**Website: [www.mitwpu.edu.in](http://www.mitwpu.edu.in)**

**Dear Parent and Candidate,**

**Welcome to Dr. Vishwanath Karad MIT World Peace University,  
Pune, India**

Your search for globally competitive education culminates at MIT-WPU, Pune.

**Admission Handbook** for the academic year 2021-2022 is prepared as referral guide for detailed rules, regulations and other information of admission process. You are advised to read it carefully before you submit the online application form. This online application form is available on **[www.mitwpu.edu.in](http://www.mitwpu.edu.in)**

We wish you a happy reading. In case of any difficulty, you are requested to approach or visit in person to the admission office at MITWPU Campus, Kothrud, Pune.

We wish you all the best and look forward to meet you as member of MITWPU Pune.

Thank you,

With warm regards

**Registrar  
MIT-WPU**

## **Faculty : P.G. Engineering (M.Tech.)**

### **Admission Handbook**

#### **Contents:**

1. Programme and Intake
2. Eligibility for admission to First Year of Post Graduate Programme
3. Branch Wise UG Eligibility & GATE Eligibility
4. Allocation of total seats
5. Reservation of seats
6. Fee Structure
7. Admission Procedure
8. Admission Registration Schedule
9. Scholarship
10. Schedule
11. Key Deliverables
12. Admission Cancellation Policy

## Engineering Faculty: Academic Year 2022-23

### (1) PG Engineering Courses and their respective students' intake

Sr. No.	M.Tech. Specializations	Intake
<b>01</b>	<b>Civil Engineering</b>	
<b>(i)</b>	Structural Engineering	30
<b>(ii)</b>	Construction Engineering and Management	30
<b>(iii)</b>	Tunnel Engineering	24
<b>(iv)</b>	By Research Environmental Engineering	12
<b>02</b>	<b>Computer Science and Engineering</b>	
<b>(i)</b>	Data Science and Analytics	24
<b>(ii)</b>	Network Management and Cyber Security	18
<b>03</b>	<b>Electronics and Communication Engineering</b>	
<b>(i)</b>	VLSI and Embedded Systems	18
<b>04</b>	<b>Mechanical Engineering</b>	
<b>(i)</b>	Design Engineering	30
<b>(ii)</b>	Thermal Engineering	18
<b>(iii)</b>	CAD/CAM/CAE	24
<b>05</b>	<b>Petroleum Engineering</b>	
<b>06</b>	<b>Chemical Engineering</b>	
<b>07</b>	<b>Electrical Engineering</b>	
<b>(i)</b>	By Research E-Mobility	12
<b>TOTAL INTAKE</b>		<b>258</b>

## (2) Eligibility Criteria for PG Engineering for A.Y. 2022-23

<b>Couse Level</b>	<b>Eligibility Criteria</b>
<b>Post Graduate Engg. (M.Tech.)</b>	<p>Passed Bachelor's Degree in relevant field of Engineering and Technology awarded by the University recognized by University Grants Commission or Association of Indian Universities in any discipline with at least <b>50% marks</b> in aggregate or equivalent (Candidates belonging to the Scheduled Castes/Scheduled Tribes who have passed the basic qualifying degree (bachelor's degree in engineering), are eligible to apply irrespective of the marks/CPI and will be considered for admission.)</p>
	<p style="text-align: center;"><b>Admission Selection Process</b></p>
	<p>i) Candidate should have obtained non-zero positive score in Graduate Aptitude Test in Engineering (<b>GATE</b>) conducted by Indian Institute of Technology, will be considered for the admission.</p> <p>ii) For admission under sponsored category, candidate should have minimum <b>two years</b> of full timework experience in a registered firm / company/ industry/ educational and/or research institute / any Government Department or Government Autonomous Organization in the relevant field in which admission is sought.</p> <p>iii) For any vacant seats after above process, candidates who do not have either GATE score or work experience will be considered for admission through a process of written test followed by interview in respective school.</p>

### (3) Branch wise UG Eligibility & GATE Eligibility

(GATE score of 2020, 2021 and 2022 exam will be considered for admission for 2022-23)

Sr. No.	M.Tech. Course Name	UG Eligibility (B.E./B.Tech.)	GATE Eligibility
<b>Civil Engineering :</b>			
01	Construction Engineering and Management	Civil Engineering, Construction Engineering, Structural Engineering or equivalent	Civil Engineering (CE)
02	Structural Engineering		
03	Tunnel Engineering		
04	Environmental Engineering By research		
<b>Computer Science and Engineering:</b>			
01	Data Science and Analytics	Computer Science and Engineering, Computer Engineering, Information Technology, Computer Technology, Computer Science and Technology, Information Technology, Computer Networking, Computer Science and Systems Engineering, Computer and Communication Engineering or equivalent.	Computer Science and Engineering (CSE)
02	Network Management and Cyber Security		
<b>Electronics and Communication Engineering:</b>			
01	VLSI & Embedded Systems	Computer Science and Engineering, Computer Engineering, Computer Technology, Computer Science and Technology, Electronics and Communication Engineering, Electronics and Telecommunication Engg, Electronics Engineering, Electronic and Communication Technology, Instrumentation and Control Engineering, Instrumentation Engineering, Industrial Electronics or equivalent, Electrical Engineering, Bio-Medical Engineering	Computer Science and Information Technology (CS), Electronics and Communication Engineering (EC), Instrumentation Engineering (IN)
<b>Mechanical Engineering</b>			
01	Design Engineering	Automobile Engineering, Production Engineering, Mechanical Engineering, Mechanical Engineering[Sandwich],	Mechanical Engineering (ME)
02	Thermal Engineering		

Sr. No.	M.Tech. Course Name	UG Eligibility (B.E./B.Tech.)	GATE Eligibility
03	CAD/CAM/CAE	Production Engineering[Sandwich], Sugar Engineering or equivalent, Metallurgy Engineering	
<b>Petroleum Engineering:</b>			
01	Petroleum Engineering	Bachelor of Engineering in Petroleum, Petrochemical, Polymer, Chemical, Mechanical, Production and Instrumentation Engineering or equivalent MSc (Physics/Chemistry/Geology with GATE in Engineering Science)	Engineering Science(XE), Chemical Engineering (CH), Instrumentation Engineering (IN), Mechanical Engineering (ME), Production and Industrial Engineering (PI) Polymer (XE)
<b>Chemical Engineering</b>		BE/BTech/BS/MSc in Chemical   Petroleum   Petrochemical   Polymer   Plastic   Oil and Paints   Environmental Engg.   Bioengineering   Biomedical Engg.   Biotechnology   Energy Engg.   Biochemical Engg.   Process Engineering   Process Systems and Engineering   Process Control and Instrumentation Engg.   Specializations in Chemical Engg. Or equivalent	Valid GATE score in Chemical Engineering (CH), Petroleum Engineering (PE), Polymer Engineering (XE), Biomedical Engineering (BM), Biotechnology (BT), Chemistry (CY), Environmental Science & Engineering (ES), Instrumentation Engineering (IN), Textile Engineering and Fibre Science (TF), Mechanical Engineering (ME), Metallurgical Engineering (MT), Production and Industrial

Sr. No.	M.Tech. Course Name	UG Eligibility (B.E./B.Tech.)	GATE Eligibility
			Engineering (PI), Engineering Science(XE), Life Sciences (XL)
<b>Electrical Engineering:</b>			
	E-mobility by research	Bachelor's degree either in Electrical Engineering or Electronics and Communication Engineering or Electronics and Telecommunication Engineering or Electronics Engineering or Industrial Electronics Engineering or Mechanical Engineering or Automobile Engineering or Instrumentation Engineering or equivalent.	GATE for Electrical, Electronics and Telecommunication, Mechanical, Instrumentation

#### (4) Seats Allocation Policy for the academic year 2022-23

Particulars	Seats Allocation
Allocation of Seats:	
i) Seats for Maharashtra Domicile	70% of Intake
ii) Seats for All India Candidates	30% of intake
iii) Seats for foreign Nationals/OCI/PIO	10% of Intake (Over and above sanctioned intake)
iv) Seats for CIW in Gulf & South East Asia	5% of Intake (Over and above sanctioned intake)

**Note: Reservation for Girl Student shall be as per Government of Maharashtra Policy and Norms.**



**(5) Seats allocation and Reservation Policy for the academic year  
2022-23**

**A. Backward Class Category Reservation**

(All the reservations given below shall be applicable to candidates belonging to Maharashtra state only subject to the fulfilment of the eligibility criteria specified by respective authorities from time to time.)

<b>Particulars</b>	<b>Seat Reservation</b>
Scheduled caste (SC)	13.00%
Scheduled tribe (ST)	7.00%
VimuktaJati / De Notified Tribes (VJ / DT / NT-A)	3.00%
Nomadic Tribes 1 (NT-B)	2.50%
Nomadic Tribes 2 (NT-C)	3.50%
Nomadic Tribes 3 (NT-D)	2.00%
Other Backward Class (OBC)	19.00%
Maratha <sup>#</sup>	16%
Economically Backward General Category <sup>#</sup>	10%
Disability	3%
Note: Special Backward Class will be offered reservation up to 2% of intake subject to availability of vacant seat under backward class reservation quota.	

**# Subject to finalization/Approval**

**B. Other Category Reservation  
Defense/Central Reserve Police Force Quota**

<b>Particulars</b>	<b>Seat Reservation</b>
DSP-1: Son / Daughter of Defense Service Personnel (except Civilian staff) or Children of ex- service personnel who are Domiciled in Maharashtra State.	1 seat per course within sanctioned intake
DSP-2: Children of active service personnel who are Domiciled in Maharashtra State.	
DSP-3: Children of active service personnel Who are transferred to Maharashtra State but are not domiciled in Maharashtra State, or Who are not domiciled in Maharashtra State but their families are stationed in Maharashtra State under the provision of retention of family accommodation at the last duty station on grounds of children's education provided further that, such candidate should have appeared and passed the HSC examination from a school/college situated in the State of Maharashtra. These seats are within the sanctioned intake.	
A combined single merit list of all eligible DSP-1, DSP-2 & DSP-3 candidates shall be prepared.	

Candidates claiming these seats shall produce additional documents in Proforma IV / V / VI as applicable.

### **C. Candidates with disability**

<b>Particulars</b>	<b>Seat Reservation</b>
Visually impaired (blind)	1%
Speech & Hearing impaired (Deaf & Dumb)	1%
Orthopedic disorders, learning disabilities, Dyslexia, Dyscalculia, Dysgraphia, and Spastic.	1%
The allotment of seats reserved for the Candidates with Disability shall be done on the basis of an Inter-Se-Merit of respective type of handicap of such candidates belonging to Maharashtra Domicile only. The candidates claiming reservation under this category shall submit the certificates strictly as per the Proforma – VII / VIII as applicable.	Within sanctioned intake.

### **D. Candidate belonging to Jammu & Kashmir migrant**

<b>Particulars</b>	<b>Seat Reservation</b>
Candidate belonging to Jammu & Kashmir migrant (subject to producing certificate from the Government's competent authority in Proforma - XI / XII / XIII as applicable)	1 seat per course within sanctioned intake

### **(6) Break-up of Annual Total Fee for PG Engineering Courses for the Academic Year 2022-23**

<b>Sr. No.</b>	<b>Faculty</b>	<b>Course Level</b>	<b>Amount Rs.</b>
01	Engineering	Post Graduate	<b>1,90,000</b>

## (7) Admission Procedure

<b>Dr. Vishwanath Karad MIT World Peace University, Pune</b>	
<b>Admission Procedure</b>	
<b><i>The candidates should apply online on <a href="http://www.mitwpu.edu.in">www.mitwpu.edu.in</a> as per schedule and fill the Online Application Form step by step as shown below.</i></b>	
<b>Sr.</b>	<b>Steps to be followed for filling online application form for admission</b>
1	Read the " <b>Admission Rules</b> " carefully for Eligibility, Reservation and other information.
2	Before filling of online Application Form, keep ready with you the following documents for smooth filling of the form:
	i) H.S.C. Mark sheet
	ii) Degree Mark sheet
	iii) GATE Score Card
	iv) Debit Card / Credit Card
3	Click for option "M.Tech" Application
4	Fill first part "Personal Details / Information" completely.
5	Click "Save" and then click "Next" button
6	Fill second part "Educational Details / Information" completely and accurately.
7	Click "Save" and then click "Next" button
8	Read "Declaration" carefully and Tick ( <input checked="" type="checkbox"/> ) in Acceptance Box.
9	Upload the relevant documents
10	Click "Save" and then click "VIEW" button.
11	Check entire information and do necessary correction if any. For correction click "EDIT" button.
12	After due corrections (if any), click "Save & Submit" button
13	Fill "Payment Details" towards Application Processing Charges Rs.1500/- which is non-refundable. No other mode of payment shall be permitted.
14	Click "PAY NOW" button.
15	After successful payment, window will display "Application Form submission and Processing Charges payment done successfully".

**(8) Details of Admission Schedule for Post Graduate courses  
(M.Tech.) under Faculty of Engineering**

<b>Sr.No.</b>	<b>Particular</b>	<b>Scheduled Date</b>
01	Registration opened for filling an online application for admission to First Year Post Graduate Engineering courses by all types of candidates	<b>Open</b>
02	Last date for submission of duly filled online application at MIT-WPU web portal	<b>10<sup>th</sup> July, 2022** (05:00pm)</b>
<p><b>Important Note:</b> The schedule displayed above is provisional and may change under unavoidable circumstances. The revised schedule, if any, will be notified on website <b>www.mitwpu.edu.in</b>. Please visit the website or contact the MITWPU's Admission Counseling Center for further details or for any queries/enquiry: Help Line No <b>020-71177104 / 05</b></p> <p><b>For fresh candidates:</b> Admission will be confirmed after confirming eligibility and after producing of B.E./ B.Tech. results.</p>		

**9) Scholarships**

Eligible students will get the stipend as per the rules of the University.

**10) Detailed Tentative Schedule**

<b>Sr. No.</b>	<b>Activity</b>	<b>Date</b>
1.	Online Application Form will be made available from	1 <sup>st</sup> March,2022**
2.	Last Date for Submission of duly filled Application Form with fees online	11 <sup>th</sup> July,2022** (5:00pm)
3.	Display of Provisional Merit List	21 <sup>st</sup> July,2022**
4.	Display of Final Merit List	23 <sup>th</sup> July,2022**
5.	Admission Round 1	25 <sup>th</sup> July,2022**
6.	Display of Waiting List	25 <sup>th</sup> July,2022**
7.	Commencement of Teaching	1 <sup>st</sup> August,2022**

**\*\* dates are tentative**

## **11) Key Deliverables in fees**

- i. Rural immersion programme

## **(12) Refund of fees after cancellation of admission**

- (a) The Candidate shall apply for cancellation in due format available on MIT-WPU and submit signed copy of application in person to the student section of MITWPU.
- (b) After receiving admission cancellation request from the Candidate, the concern department of MIT-WPU shall cancel the admission immediately and give the acknowledgement of cancellation of admission.

Prof. D. S. Marathe  
PG Coordinator  
Faculty of Engineering  
MIT World Peace University  
Pune

Prof. Prasad D. Khandekar  
Dean  
Faculty of Engineering  
MIT World Peace University  
Pune

**Approved by**

Vice-Chancellor  
MIT World Peace University  
Pune