



भारतीय प्रौद्योगिकी संस्थान इंदौर Indian Institute of Technology Indore

SPOT ADMISSION BROCHURE FOR PG PROGRAMS for AY 2026-27



SPOT ADMISSION TO M.TECH., PROGRAMS FOR THE ACADEMIC YEAR, 2026-27

M. TECH. PROGRAMS:

Sl. No	Departments /Centers	Specializations	Minimum Educational Qualification (MEQ) for both Indian and International applicants	Qualifying Examination (QE)	
				Indian applicants	International applicants
1	Electrical Engineering	Communication and Signal Processing	Four-year Bachelor's degree or five-year integrated degree or equivalent degree with first division (as defined below@) in Electrical/ Electronics and Communication/ Electronics and Instrumentation/ Telecommunication/ Computer Science and Engineering/ Information Technology	Valid GATE qualification in Electronics and Communication (EC)/ Instrumentation Engineering (IN) / Computer Science (CS)/ Data Science and Artificial Intelligence (DA)/ Mathematics (MA)	Valid score of GRE /TOEFL/ IELTS or equivalent, a statement of purpose, letters of recommendation, and an interview (in-person or over video conference).
2		VLSI Design and Nanoelectronics	Four-year Bachelor's degree or five-year integrated degree or equivalent degree with first division (as defined below@) in Electronics and Communication Engineering or Electronics Engineering or Electrical Engineering or Instrumentation and Control Engineering or Computer Science and Engineering	Valid GATE qualification in EC/EE/IN/CS/ Data Science and Artificial Intelligence (DA)/ Physics (PH)	
3		Power Systems and Power Electronics	Four-year bachelor's degree or five-year integrated degree (as defined below@) in Electrical Engineering or Electrical and Electronics Engineering or Power Engineering or Power and Control Engineering. Relaxation on CPI/CPGA or percentage marks of the qualifying degree is applicable as per Government of India rules.	Valid GATE qualification in Electrical Engineering (EE) or in Instrumentation Engineering (IN) or in Electronics and Communication Engineering (EC)	
4	Mechanical Engineering	Advanced Manufacturing	Four-year Bachelor's degree or five-year integrated degree with first division (as defined below@) in Mechanical/ Production/ Industrial/ Manufacturing, Materials and Metallurgical/ Mechatronics/ Automobile Engineering	Valid GATE qualification either in Mechanical Engineering (ME)/ Production and Industrial (PI) Engineering	
5		Mechanical Systems Design	Four-year Bachelor's degree or five-year integrated degree with first division (as defined below@) in Mechanical Engineering	Valid GATE Qualification in Mechanical Engineering (ME)	
6		Thermal Energy Systems	Four-year Bachelor's degree or five-year integrated degree first division (as defined below@) in Mechanical Engineering.	Valid GATE qualification in Mechanical Engineering (ME)	

7	Metallurgical Engineering and Materials Science	Materials Science and Engineering	Four-year bachelor's degree or five-year integrated degree first division/ first class (as defined below@) in Metallurgical Engineering and Materials Science/ Physics/ Chemistry/ Nanoscience/ Nanotechnology/ Engineering Science/ Engineering Physics/ Metallurgy/ Mechanical/ Chemical/ Ceramics/ Polymer/ Electrical/ Electronics/ Energy Science and Engineering OR Two years master's degree (with the first division*) in Chemistry/ Physics/ Material Science/ Nanoscience/ Nanotechnology disciplines.	Valid GATE qualification in MT/ ME/ CH/ CY/ PH/ EC/ EE/ XE.	
8		Metallurgical Engineering	Four-year Bachelor's degree or five-year integrated degree first division/ first class (as defined below@) in either in Metallurgical/ Materials Science and Engineering/ Mechanical/ Manufacturing/ Production Engineering.	Valid GATE qualification in Metallurgical Engineering/ Mechanical Engineering/ Production and Industrial Engineering / Engineering Sciences (XE)	
9	Astronomy, Astrophysics and Space Engineering	Applied Optics and Laser Technology	B.E/ B.Tech. degree first division/ first class (as defined below@) (Mechanical/ Electrical/ Electronics and Communication/ Instrumentation and Control/ Production and Industrial Engineering/ Biotechnology/ Engineering Physics/ Metallurgical Engineering and Material Science/ Aerospace Engineering/ Space science Engineering/) or M.Sc. (Physics/ Astronomy/ Material Science/ Applied optics/ Biotechnology).	Valid GATE in ECE, EE, IN, ME, PH, PI, AE & MT. <u><i>Note: This program is restricted to Indian Nationals only</i></u>	
10	Centre for Electric Vehicles and Intelligent Transport Systems	Electric Vehicle Technology	Four-year Bachelor's degree or five-year integrated degree first division/ first class (as defined below@) in Mechanical/Electrical/ Electronics and Communication/ Automobile/ Instrumentation and Control/ Electronics/ Instrumentation / Production/ Mechatronics Engineering.	Valid GATE qualification in Mechanical (ME)/Electrical (EE)/Electronics and Communication (EC)/Production and Industrial (PI) / Instrumentation (IN) Engineering/Engineering Sciences (XE; Engineering Mathematics with Fluid mechanics/ Material Science/ Solid mechanics /Thermodynamics)	
11	Computer Science and Engineering	Computer Science and Engineering	Four-year Bachelor's degree in Computer Science and Engineering, Information Technology, Electronics and Communication Engineering or Electronics Engineering or Electrical Engineering (with first division/ first class/ (as defined below@) for Indian applicants and equivalent to international applicants, as assessed by the Institute).	Valid GATE qualification in Computer Science and Information Technology (CS), Data Science and Artificial Intelligence (DA)	

			Additional Specialization as in an area as given in annexure-1 with first division (as defined below@). <u>Annexure-1</u> 1. Computer Engineering 2. Artificial Intelligence and Machine Learning 3. Computer Engineering (Software Engineering) 4. Computer Engineering and Application 5. Computer Networking 6. Computer Science and Applied Mathematics 7. Computer Science and Biosciences 8. Computer Science and Design 9. Computer Science and Business Systems 10. Computer Science and Engineering (Networks) 11. Computer Science and Engineering and Business Systems 12. Computer Science and Information Technology 13. Computer Science and Medical Engineering 14. Computer Science and Social Sciences 15. Computer Science and Systems Engineering 16. Computer Science and Technology 17. Computer Technology 18. Computing in Multimedia 19. Computing in Software 20. Information Engineering 21. Information Science and Engineering 22. Information Technology 23. Information Science and Technology 24. Information Technology and Engineering		
12	Mehta Family School of Biosciences and Biomedical Engineering	Biomedical Devices	i. B.E./B.Tech. /AMIE or equivalent in Biomedical Engineering (BM), Biotechnology (BT), Chemical Engineering (CH), Computer Science and Information Technology (CS), Electrical Engineering (EE), Electronics and Communication Engineering (EC), Engineering Physics (EP), Instrumentation Engineering (IN), Mechanical Engineering (ME), Metallurgy & Materials Science (MT), Engineering Sciences (XE), Pharmaceutical Technology (PY) first division/ first class (as defined below@) OR ii. M.Sc. or equivalent in Biotechnology (BT), Electronics / Electronic Sciences (EC), Ergonomics (ER), Materials Science	Valid GATE score in Biomedical Engineering (BM), Chemical Engineering (CH), Computer Science and Information Technology (CS), Electrical Engineering (EE), Electronics and Communication Engineering (EC), Physics (PH), Instrumentation Engineering (IN), Mechanical Engineering (ME), Metallurgy & Materials Science (MT), Life Sciences (XL), Biotechnology (BT), Engineering Sciences (XE).	

			(MS), Physics (PH), first division/ first class (as defined below@), OR iii. *Health Sciences such as MBBS (Medicine) / BDS (Dental), B. Pharm. (Duration 4 years or more) (with the first division as first division/ first class)	*Non-GATE (i.e., Option iii in MEQ) students must pass in all India-level postgraduate entrance examinations for corresponding disciplines such as INI_CET/NEET-PG/NEET-MDS/JIPMER/PGI Chandigarh/AFMC-Pune/DNB Part I for MBBS/BDS, GPAT/ All India level selection examination for B. Pharm. Eligibility/rank certificates for all such all India-level entrance examinations are required. The candidate should have qualified the entrance exam (as per the qualification criterion of the respective exam for that exam year and category) and the score obtained should be valid (as per the duration of validity for the respective exam) at the time of application to the M.Tech. program.	
13	Civil Engineering	Structural Engineering	Four-year Bachelor's degree or five-year integrated degree first division/ first class (as defined below@) in Civil Engineering.	Valid GATE qualification in Civil Engineering (CE)	
14		Geotechnical Engineering	Four-year Bachelor's degree or five-year integrated degree in Civil Engineering with First Division (as defined by awarding Institute/University). For International Applicants: Equivalent qualification, as assessed by the Institute • Relaxation: 5% in qualifying degree marks for SC, ST, PwD applicants.	Valid GATE qualification in Civil Engineering (CE).	
15	Mehta Family School of Sustainability	Water, Climate and Sustainability	Four-year Bachelor's degree or five-year integrated degree first division/ first class (as defined below@) in Civil/Agricultural Infrastructure/Environmental/Geomatics Engineering.	Valid GATE qualification in Civil Engineering (CE)/ Agricultural Engineering (AG)/ Environmental Science and Engineering (ES)/ Geomatics Engineering (GE)	
16	Chemical Engineering	Chemical Processes Design & Intelligence	a) Four-year Bachelor's degree or five-year integrated degree in Chemical Engineering, Material Science and Engineering, Mechanical Engineering, Chemical Technology (Polymer, Petroleum, Petrochemical etc.), Engineering Sciences, Energy Science and Engineering, environmental engineering, ceramic Engineering, Metallurgical Engineering, Mineral Processing and	(a) Indian students: Valid GATE qualification in Chemical Engineering, Mechanical Engineering, Engineering Sciences, Environmental Science &	

		Engineering, Biotechnology, Biomedical Engineering, Rubber/ Oil/ Paint/Paper and Pulp/ Textile/ Food Technology, (with first division as defined by the awarding Institute/ University) b) Two-year M.Sc. or five-year integrated degree in Biotechnology/ Physics/ Chemistry	Engineering, Metallurgical Engineering, Biotechnology, Biomedical Engineering, Chemistry, Physics, Petroleum Engineering, Textile Engineering & Fibre Science.	
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ADMISSION CATEGORY FOR M.TECH. PROGRAMS:

TA: Teaching Assistantship (TA) category as Full-Time student.

MARKS /CGPA/ CPI/ PERCENTAGE REQUIREMENTS IN QUALIFYING DEGREES@: -

For UR/EWS/OBC(NCL) category:

- **A minimum of 60% marks in aggregate, OR**
- **A First class as specified by the university, OR**
- **A minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 6.0 on a scale of 0 – 10, OR**
- **An equivalent to 6.0 CGPA/ CPI on other corresponding proportional requirements when the scales are other than 0 – 10.**

For SC/ST/PwD category

- **A minimum of 55% marks in aggregate, OR**
- **A First class as specified by the university, OR**
- **A minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 5.5 on a scale of 0 – 10, OR**
- **An equivalent to 5.5 CGPA/ CPI on other corresponding proportional requirements when the scales are other than 0 – 10.**

CORRESPONDENCE DETAILS:

List of M. Tech. Program coordinators with contact details:

Sl. No	M. Tech. programs	Program coordinators	Contact details
1.	M. Tech. in Communication & Signal Processing (CSP)	Dr. Sumit Gautam Assistant Professor, Department of Electrical Engineering	pc-csp@iiti.ac.in Tele: +91-0731-660-3463
2.	M. Tech. in VLSI Design and Nanoelectronics (VDN)	Dr. Rinkee Chopra Assistant Professor, Department of Electrical Engineering	pc-vdn@iiti.ac.in Tele: +91-0731-660-3463
3.	M. Tech. in Power System and Power Electronics (PSPE)	Dr. Subhadeep Paladhi Assistant Professor, Department of Electrical Engineering	pc-pspe@iiti.ac.in Tele: +91 731-660-3307
4.	M. Tech. in Advanced Manufacturing (AM)	Dr. Girish Chandra Verma Assistant Professor, Department of Mechanical Engineering	pc-am@iiti.ac.in Tele: +91-0731-660-3208

5.	M. Tech. in Mechanical Systems Design (MSD)	Dr. Krishna Mohan Kumar Assistant Professor, Department of Mechanical Engineering	pc-msd@iiti.ac.in Tele: +91-0731-660-3359
6.	M. Tech. in Thermal Energy Systems (TES)	Dr. Harekrishna Yadav Assistant Professor, Department of Mechanical Engineering	pc-tes@iiti.ac.in Tele: +91-0731-660-3209
7.	M. Tech. in Materials Science and Engineering (MSE)	Dr. Ranjith K. Poobalan Assistant Professor, Department of Metallurgical Engineering and Materials Science	pc-mse@iiti.ac.in Tele: +91-0731-660-3333 (Extn-5597)
8.	M. Tech. in Metallurgical Engineering (ME)	Dr. D.A. Basha Assistant Professor, Department of Metallurgical Engineering and Materials Science	pc-me@iiti.ac.in Tele: +91-0731-660-3252
9.	M. Tech. in Electric Vehicle Technology (EVT)	Prof. Shailesh Kundalwal Associate Professor, Department of Mechanical Engineering	pc-evt@iiti.ac.in Tele: +91-0731-660-3284
10.	M. Tech. in Computer Science and Engineering (CSE)	Dr. Subhra Mazumdar Assistant Professor, Computer Science and Engineering	pc-mtscse@iiti.ac.in Tel: +91-0731-2438700 (Extn-5586)
11.	M. Tech. in Water, Climate and Sustainability (WCS)	Prof. Manish Kumar Goyal Professor, Civil Engineering	pc-wcs@iiti.ac.in Tel: +91-0731-660-3288
12.	M. Tech. in Biomedical Devices (BMD)	Dr. Sourav Chandra Assistant Professor, Department of Biosciences and Biomedical Engineering	pc-bmd@iiti.ac.in Tel: +91-731-660-3333 (Extn- 5159)
13.	M. Tech. in Applied Optics and Laser Technology (AOLT)	Dr. Suman Majumdar, Associate Professor, Department of Astronomy, Astrophysics and Space Engineering	pc-mtechaolt@iiti.ac.in Tel: +91-731-660-3304
14.	M. Tech. in Structural Engineering (CESE)	Dr. Guru Prakash Assistant Professor, Civil Engineering	pc-se@iiti.ac.in Tel: +91-0731-660- 3215
15.	M. Tech. in Geotechnical Engineering (GE)	Prof. Neelima Satyam Professor (Institute Chair Professor), Department Civil Engineering	neelima.satyam@iiti.ac.in Tele: + 0731-660 3290
16.	M. Tech. in Chemical Processes Design and Intelligence (CPDI)	Dr. Gaurav Chauhan Assistant Professor, Department of Chemical Engineering	gaurav@iiti.ac.in Tele: + 0731-660-5188

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