



MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, *BHOPAL*

(An Institute of National Importance under Ministry of Education, Govt. of India)

M.Tech/M.Plan Admissions

(Under Self Financed Category)

2023-2024

INFORMATION BROCHURE

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Note:

1. Candidates are advised to visit the institute website regularly for updates (if any). No individual communication via postal or e-mail shall be made regarding selection process by the institute.
2. Applicants are advised to go through the institute's PG Ordinance and amendments as available on the institute website <http://www.manit.ac.in> for norms, rules and regulations.
3. Institute reserves the right to refuse admission to any candidate, or cancel the whole admission process, without assigning any reason.
4. In case of any ambiguity, typographical error or mistake, the decision of Chairman, Senate shall be final.
5. All disputes related to admission shall be subject to Bhopal Jurisdiction only.

1. ADMISSION FOR SELF FINANCED CANDIDATES

- (i) Any student seeking admission under this category should have Bachelor's degree in Engineering/Architecture/Planning as per point 3 Eligibility
- (ii) No financial liability will be on the part of the MANIT Bhopal.

2. *Admission of such candidates will be based on the Institute test and the syllabus shall be provided by the concerned department*

3. ELIGIBILITY:

S. No.	Degree	Essential Qualification
1	M Tech	Bachelor's degree in <u>relevant</u> Engineering (As stated at point No 3) with minimum of 60% or CGPA 6.5
2	M Plan	Bachelor's degree in Architecture / Planning / Engineering (As stated at point No 3) with minimum of 60% or CGPA 6.5 .

4. SEAT, PROGRAMS AND ESSENTIAL QUALIFICATION:

There are FIVE seats each for self sponsored category in each M.Tech / M.Plan programme. The essential qualifications are as follows:

Sl. No	Department /Centre	Name of PG Programme	Essential qualification
1	Biological Science and Engineering	Bio-Technology	B.E./B.Tech in Biotechnology, Environmental Science and Engineering, Biomedical, Biochemical, or M.Sc. in Biochemistry, Biotechnology, Environmental Science, Microbiology
2	Centre for Excellence in Water Management	Water Resources Engineering and Management	B.E./B.Tech in Civil Engineering, Agricultural Engineering
3	Centre of Excellence in Product Design & Smart Manufacturing	Smart Manufacturing	B.E./B.Tech in Mechanical, Production, Smart Manufacturing, Mechatronics, Aeronautical Engineering.
4	Centre for Artificial Intelligence	Artificial Intelligence	B.E./B.Tech in Computer, Computer Science, Computer Science and Information Technology, Computer Technology, Information Technology, Civil, Civil Environmental, Electronics and Communication, Electronics and Instrumentation, Electronics, Control and Electrical, Electrical and Electronics, Electrical and Instrumentation, Electrical, Power,

Sl. No	Department /Centre	Name of PG Programme	Essential qualification
			Electrical Power, Mechanical, Bioengineering, Electronics and Telecom.
5	Chemical Engineering	Chemical Engineering	B.E./B.Tech. in Chemical, Petroleum, Petrochemical, Food, Dairy, Oil and Paint, Textile, Biotechnology, Biochemical, Agricultural, Marine, Instrumentation, Environmental, Biomedical, Civil, Mechanical, Energy, Renewable Energy, Nanotechnology.
6	Civil Engineering	Geo-Informatics & its Applications	B.E./B.Tech in Civil, Computer Science and Engineering, Information Technology
7		Structural Engineering	B.E./B.Tech in Civil Engineering
8		Environmental Engineering	B.E./B.Tech in Civil Engineering
9		Geotechnical Engineering	B.E./B.Tech in Civil Engineering
10		Hydropower Engineering	B.E./B.Tech in Civil Engineering, Mechanical Engineering
11		Transportation Engineering	B.E./B.Tech in Civil Engineering
12	Computer Science & Engineering	Information Security	B.E./B.Tech in Computer Engineering, Computer Science, Computer Science and Engineering, Computer Science and Information Technology, Computer Technology, Information Technology.
13		Advanced Computing	
14		Computer Networking	
15	Electronics & Communication Engineering	Digital Communication	B.E./B.Tech. in Electronics and Communication, Electronics and Telecommunication, Electronics, Telecommunication, Applied Electronics and Instrumentation, Electronics and Instrumentation, Instrumentation and Electronics, Electrical and Electronics, Electronics and Communication with specialization in Design and Manufacturing, Electrical, Electronics and Power, Electronics System, Electronics (specialization in System Engineering), Electronics with minor in System Engineering
16		VLSI design & Embedded System	

Sl. No	Department /Centre	Name of PG Programme	Essential qualification
17	Electrical Engineering	Electrical Drives	B.E./B.Tech in Electrical/ Electrical & Electronics/ Electronic Instrumentation/ Instrumentation and Control
18		Power System	B.E./B.Tech in Electrical/ Electrical & Electronics.
19	Energy Centre	Renewable Energy	B.E./B.Tech in Energy, Renewable Energy, Mechanical, Electrical, Electronics & Communication, Civil, Chemical, Instrumentation, Environmental, Biomedical, Electronics and Instrumentation,
20		Energy System Management	Electronics, Electrical and Electronics, Electrical and Instrumentation, Power, Electrical Power.
21	Materials & Metallurgical Engineering	Material Science & Technology	B.E./B.Tech in Materials science, Materials and metallurgical, Mechanical, Ceramics, Polymer Nanotechnology, Metallurgical, Materials engineering
22	Mathematics, Bioinformatics & Computer Applications (MBC)	Bioinformatics	4-year graduation (or 3-year graduation + post-graduation) in the field of Science/ Life Science / Mathematics/ Physics / Chemistry / Chemical / Biotechnology / CS / IT / Agriculture/ Bioinformatics/ Computational biology
23		Agile Software Engineering	B.E./B.Tech in CS/ IT/ Electronics / Mathematics & Computing/equivalent or Master of Computer Applications or M. Sc. (CS/IT/Mathematics/ Physics/equivalent)
24	Mechanical Engineering	Thermal Engineering	B.E./B.Tech in Mechanical Engineering /Production & Industrial Engineering.
25		Industrial Design	B.E./B.Tech in Mechanical, Civil, Electrical, Electronics, Computer Science Engineering/ Production & Industrial, Agriculture Engineering.
26		Automation and Robotics	B.E./B.Tech in Mechanical, Civil, Electrical, Electronics, Computer Science Engineering/ Production & Industrial Engineering.

Sl. No	Department /Centre	Name of PG Programme	Essential qualification
27		Industrial Engineering and Management	B.E/B.Tech in Mechanical, Civil, Electrical, Electronics, Computer Science Engineering/ Production & Instrumentation Engineering.
28	Physics	Nano Technology	B.E/B.Tech in Mechanical, Civil, Electrical, Electronics, MSME, Chemical M.Sc. (Physics, Chemistry, Materials Science)
29	Architecture and Planning	Urban Planning	Bachelor of Architecture Bachelor of Planning B.E./B.Tech. in Architectural Engineering, Architecture, Civil, Civil Environmental, Civil Engineering and Planning, Civil and Transportation, Architecture and Interior Decoration, Civil Engineering (Public Health Engineering), Civil and Water Management, Civil and Rural Engineering, Civil Engineering Environment and Pollution Control, Civil Engineering with Computer Application, Civil Engineering (Construction Technology), Civil and Structural Engineering
30		Housing	

5. FEE STRUCTURE:

Fee for the M.Tech/M. Plan (Self-Sponsored):

Hosteller	Day Scholar
Rs. 85500/- per semester	Rs. 77,000/- per semester

Mess fee is not included above and will be charged separately.

6. APPLICATION PROCEDURE:

Applications are invited for M.Tech/M.Plan Self Financed category in the Departments/Program as listed in point no 3:

- a) The application form can be filled from <http://erp.manit.ac.in/ext/adm/login> (first register and then login to fill the application form)
- b) Hard copy of completed application form (downloaded filled on ERP) along with self attested copies of essential documents and **non-refundable processing fee of Rs. 1500/- should be submitted to Assistant Registrar (Academic), MANIT Bhopal – 462003 upto 28/08/2023**. The payment of processing fee is to be done only through Gate way available along with the online application form. **The envelope must contain the following header “Application form for M.Tech/M.Plan under Self Financed category in the Department for Program”**.
- c) List of Essential Documents
 - (i) 10th Class Marksheet
 - (ii) 12th Class Marksheet
 - (iii) Graduation Marksheet (All semesters)
 - (iv) Graduation Degree Certificate
 - (v) GATE score card (if applicable)
 - (vi) Fee receipt copy.
 - (vii) Any other relevant documents
- d) Applicant must submit separate application form along with separate processing fees, if he/she wishes to apply in different departments. Applications received after due date and incomplete applications will not be considered.
- e) No individual communication via postal or e-mail shall be made regarding the interview at the institute. The schedule of the interview will be displayed on the institute website after initial scrutiny of the application forms. Candidates are advised to visit the institute website regularly for further updates.

7. SELECTION PROCESS

- i) *Candidates selection will be based on the Institute test and the syllabus shall be provided by the concerned department. The Institute test shall be conducted by the concerned department.*
- ii) There shall be no reservation in the self financed category
- iii) **No TA/DA will be paid for attending the Institute test.**

8. TEACHING ASSISTANCE:

There shall be no Teaching assistantship for the M.Tech./M.Plan self financed candidates.

9. SCHEDULE:

S.No.	Schedule	Date
1.	Last Date of form submission	28/08/2023
2.	Date of Institute Test (tentative 04/09/2023)	Please visit regularly the Institute website www.manit.ac.in for further instructions & only schedule change.
3.	Result Declaration on institute website	05/09/2023
4.	Admission Date	08/09/2023
5.	Start of Class for Self Financing	11/09/2023

Institute reserves the right to change the schedule as per the prevailing conditions.

10. ADDRESS FOR COMMUNICATION:

The hardcopy of the application along with the self attested documents and fee details should be sent by speed post to:

Assistant Registrar (Academic)
Maulana Azad National Institute of Technology (MANIT),
Near Link Road no. 3, Bhopal (MP)-462003
Contact No. - 0755-4051055, 0755-4051056

DIRECTOR