



**राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान**  
**समविश्वविद्यालय (विशिष्ट श्रेणी)**  
**हटिया, राँची - 834 003 (झारखण्ड)**  
**NATIONAL INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGY**  
Deemed to be University (Distinct Category)  
Hatia, Ranchi – 834 003 (Jharkhand)

**Admission to M.Tech. (Self-financed) Programme 2024-2026**

NIAMT (formerly the National Institute of Foundry and Forge Technology, or NIFFT), Ranchi, Jharkhand, was established in 1966 as an institution of the Ministry of Education (Govt. of India). The institute offers advanced and industry-oriented courses. All the departments have highly qualified teaching faculties and well-equipped laboratories. The students are encouraged to visit industries and carry out industry-oriented research problems in association with the industries and leading research laboratories in the country. A good number of M.Tech. students are placed in different industries, selected through campus interviews. The institute has a computer center, library, sports facilities, and hostel accommodations. **Students of Jharkhand may get scholarships from E-Kalyan, Govt. of Jharkhand (Tuition fee & Mess fee etc.), and students belonging to scheduled tribes may apply for MoTA scholarships.**

**Courses offered:**

Sl No.	Department	M. Tech. Course	Abbr.
1.	Department of Foundry and Forge Technology	Foundry-Forge Technology	FFT
2.	Department of Mechanical and Manufacturing Engineering	Manufacturing Engineering	ME
3.	Department of Materials and Metallurgical Engineering	Industrial Metallurgy	IM
4.	Department of Applied Science and Humanities	Environmental Engineering	EE
5.	Department of Applied Science and Humanities	Material Engineering (Nanotechnology)	MN

**Important Dates**

Last date of submission form via E-mail/by hand or by post	15-August-2024
Interaction with candidates	31-August 2024
Reporting to the academic section along with original documents.	10 <sup>th</sup> -16 <sup>th</sup> September 2024

**Eligibility:**

- 1. For UR/OBC-NCL/OPEN-EWS:** BE/B.Tech with 6.5 CGPA (on a 10 point scale) or 60% in B.Tech or equivalent.
- 2. For SC/ST:** BE/B.Tech with 6.0 CGPA (on a 10 point scale) or 55% in B.Tech or equivalent.
- 3. Candidates with M.Sc degree** must have passed Mathematics at UG. For UR/OBC-NCL/OPEN-EWS: M.Sc with 6.5 CGPA (on a 10 point scale) or 60%, and for SC/ST: M.Sc with 6.0 CGPA or 55% marks.
- 4. Degree in appropriate branch of Engineering and Sciences may apply.**

**Application:**

1. Application processing fee Rs 500/- (Transfer online to NIAMT IRG FUND ACCOUNT, Account No. 2730101006939, payable at Canara Bank, IFSC Code: CNRB0002730, NIFFT campus, Hatia, Ranchi 834003).

2. The admission committee of the respective department is fully empowered and responsible for selection and their decision is final in the admission process. Queries, if any, should be directed to the respective departments. Canvassing in any manner will also entail disqualification of the candidature.

3. Download the blank application form and fill it out. The filled application form along with the necessary documents in a single PDF file may be sent to the email id: [NIAMTMTECHADMISSION2024@gmail.com](mailto:NIAMTMTECHADMISSION2024@gmail.com), with a subject line: **M.Tech application 2024-2026-Programme in Branch .....** /or hard copy sent by post / by hand to Academic Section, NIAMT, Hatia, Ranchi-834003.



**National Institute of Advanced Manufacturing Technology  
Hatia, Ranchi-834003 (Jharkhand)  
(Deemed to be University under Distinct Category)**

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**Admission to M.Tech (Sponsored/Self-sponsored) programme  
(2024-2026)**

**1. Application for M. Tech. in (tick mark):**

- (a) Foundry-Forge Technology
- (b) Manufacturing Engineering
- (c) Industrial Metallurgy
- (d) Environmental Engineering
- (e) Material Engineering (Nanotechnology)

**2. Name of the candidate (BLOCK LETTER):**

**3. Father's Name (BLOCK LETTER):**

4. (a) Date of Birth:

(b) Sex (tick mark): Male/Female/Transgender

(c) Marital Status (tick mark): Married/Single

(d) Caste (tick mark): UR/UR-EWS/OBC/SC/ST

(e) Physically challenged (tick mark): Yes/No

**5. Academic Qualification**

Degree	Name of the institution/college/University	Year of passing	Discipline/Specialization	Percentage of Marks/CGPA
BE/B.Tech/ B.Sc (Engg.)				
M.Sc.				
Others				

6. (a) Address for communication:

(b) Telephone/Mobile No. (Whats app No.)

(c) E-mail ID:

7. Payment transaction details:

Date:

Place:

**Signature of the Applicant**

**DECLARATION BY THE CANDIDATE**

I do hereby declare that the information furnished in this application is true to the best of my knowledge and belief. If selected, I promise to abide by the rules and regulations of the institute.

**Eligibility:****1. Environmental Engineering**

- a. BE/B.Tech/B.Sc (Engg.) in Environmental, Civil, Chemical, Metallurgy, Mining Engg.
- b. M.Sc in Env. Sc. with Maths in UG

**2. Material Engineering (Nanotechnology)**

- a. BE/B.Tech or equivalent in Chemical, Electrochemical, Energy, Energy science, Materials, Metallurgy and Materials, Nanotechnology.
- b. M.Sc in Applied Sciences/Physics/Chemistry/ Materials Science/Nano Science, Candidates with M.Sc degree must have passed Mathematics at graduation level.

**3. Foundry-Forge Technology**

Foundry-Forge Technology	B.E./B.Tech. in Aeronautical Engineering
Foundry-Forge Technology	B.E./B.Tech. in Aerospace Engineering
Foundry-Forge Technology	B.E./B.Tech. in Metallurgy and Materials Engineering
Foundry-Forge Technology	B.E./B.Tech. in Automobile Engineering
Foundry-Forge Technology	B.E./B.Tech. in Industrial Manufacturing Engineering
Foundry-Forge Technology	B.E./B.Tech. in Industrial and Production Engineering
Foundry-Forge Technology	B.E./B.Tech. in Industrial Engineering
Foundry-Forge Technology	B.E./B.Tech. in Industrial Engineering and Management
Foundry-Forge Technology	B.E./B.Tech. in Industrial Metallurgy
Foundry-Forge Technology	B.E./B.Tech. in Manufacturing Engineering
Foundry-Forge Technology	B.E./B.Tech. in Material Science and Engineering
Foundry-Forge Technology	B.E./B.Tech. in Mechanical Engineering
Foundry-Forge Technology	B.E./B.Tech. in Mechatronics
Foundry-Forge Technology	B.E./B.Tech. in Metallurgical and Materials Engineering
Foundry-Forge Technology	B.E./B.Tech. in Metallurgical and Materials Technology
Foundry-Forge Technology	B.E./B.Tech. in Metallurgical Engineering
Foundry-Forge Technology	B.E./B.Tech. in Metallurgical Engineering and Material Science
Foundry-Forge Technology	B.E./B.Tech. in Metallurgy
Foundry-Forge Technology	B.E./B.Tech. in Production and Industrial Engineering
Foundry-Forge Technology	B.E./B.Tech. in Production Engineering
Foundry-Forge Technology	B.E./B.Tech. in Production Engineering and Management
Foundry-Forge Technology	B.E./B.Tech. in Advanced Manufacturing and Mechanical Systems Design
Foundry-Forge Technology	B.E./B.Tech. in Applied Mechanics
Foundry-Forge Technology	B.E./B.Tech. in Automation and Robotics
Foundry-Forge Technology	B.E./B.Tech. in Automotive Engineering
Foundry-Forge Technology	B.E./B.Tech. in Automotive Technology
Foundry-Forge Technology	B.E./B.Tech. in Electronics and Avionics
Foundry-Forge Technology	B.E./B.Tech. in Engineering Design
Foundry-Forge Technology	B.E./B.Tech. in Industrial and Management Engineering
Foundry-Forge Technology	B.E./B.Tech. in Machine Engineering
Foundry-Forge Technology	B.E./B.Tech. in Machine Tools Engineering
Foundry-Forge Technology	B.E./B.Tech. in Manufacturing Process
Foundry-Forge Technology	B.E./B.Tech. in Manufacturing Science and Engineering
Foundry-Forge Technology	B.E./B.Tech. in Material Science and Metallurgical Engineering
Foundry-Forge Technology	B.E./B.Tech. in Materials and Metallurgical Engineering
Foundry-Forge Technology	B.E./B.Tech. in Mechanical and Automation Engineering
Foundry-Forge Technology	B.E./B.Tech. in Mechanical Engineering Automobile
Foundry-Forge Technology	B.E./B.Tech. in Precision Manufacturing
Foundry-Forge Technology	B.E./B.Tech. in Electrical and Mechanical Engineering

Foundry-Forge Technology	B.E./B.Tech. in Manufacturing Engineering and Automation
Foundry-Forge Technology	B.E./B.Tech. in Manufacturing Process and Automation Engineering
Foundry-Forge Technology	B.E./B.Tech. in Manufacturing Technology
Foundry-Forge Technology	B.E./B.Tech. in Material Science and Technology
Foundry-Forge Technology	B.E./B.Tech. in Mechanical Engineering (Design and Manufacturing)
Foundry-Forge Technology	B.E./B.Tech. in Mechanical Engineering (Repair and Maintenance)
Foundry-Forge Technology	B.E./B.Tech. in Metallurgy and Material Technology
Foundry-Forge Technology	B.E./B.Tech. in Industrial Production
Foundry-Forge Technology	B.E./B.Tech. in Mechanical Engineering (Manufacturing Engg)
Foundry-Forge Technology	B.E./B.Tech. in Metallurgy and Materials
Foundry-Forge Technology	B.E./B.Tech. in Mechanical Engineering (Welding Technology)
Foundry-Forge Technology	B.E./B.Tech. in Production and Management
Foundry-Forge Technology	B.E./B.Tech. in Automation Engineering
Foundry-Forge Technology	B.E./B.Tech. in Industrial Design

#### 4. Manufacturing Engineering

Manufacturing Engineering	The Institution of Engineers (India) (IE)
Manufacturing Engineering	The Aeronautical Society of India (AeSI)
Manufacturing Engineering	The Indian Institute of Metals (IIM)
Manufacturing Engineering	The Indian Institute of Industrial Engineers (IIE)
Manufacturing Engineering	B.E./B.Tech. in Automobile Engineering
Manufacturing Engineering	B.E./B.Tech. in Chemical Engineering
Manufacturing Engineering	B.E./B.Tech. in Computer Engineering
Manufacturing Engineering	B.E./B.Tech. in Computer Science
Manufacturing Engineering	B.E./B.Tech. in Computer Science and Engineering
Manufacturing Engineering	B.E./B.Tech. in Computer Science and Information Technology
Manufacturing Engineering	B.E./B.Tech. in Computer Technology
Manufacturing Engineering	B.E./B.Tech. in Energy Engineering
Manufacturing Engineering	B.E./B.Tech. in Industrial Manufacturing Engineering
Manufacturing Engineering	B.E./B.Tech. in Industrial and Production Engineering
Manufacturing Engineering	B.E./B.Tech. in Industrial Engineering
Manufacturing Engineering	B.E./B.Tech. in Industrial Engineering and Management
Manufacturing Engineering	B.E./B.Tech. in Industrial Metallurgy
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Engineering
Manufacturing Engineering	B.E./B.Tech. in Material Science and Engineering
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering
Manufacturing Engineering	B.E./B.Tech. in Mechatronics
Manufacturing Engineering	B.E./B.Tech. in Metallurgical and Materials Engineering
Manufacturing Engineering	B.E./B.Tech. in Metallurgical and Materials Technology
Manufacturing Engineering	B.E./B.Tech. in Metallurgical Engineering
Manufacturing Engineering	B.E./B.Tech. in Metallurgical Engineering and Material Science
Manufacturing Engineering	B.E./B.Tech. in Metallurgy
Manufacturing Engineering	B.E./B.Tech. in Mining and Machinery Engineering
Manufacturing Engineering	B.E./B.Tech. in Mining Engineering
Manufacturing Engineering	B.E./B.Tech. in Production and Industrial Engineering
Manufacturing Engineering	B.E./B.Tech. in Production Engineering
Manufacturing Engineering	B.E./B.Tech. in Production Engineering and Management
Manufacturing Engineering	B.E./B.Tech. in Renewable Energy
Manufacturing Engineering	B.E./B.Tech. in Structural Engineering
Manufacturing Engineering	B.E./B.Tech. in Advanced Manufacturing and Mechanical Systems

	Design
Manufacturing Engineering	B.E./B.Tech. in Applied Mechanics
Manufacturing Engineering	B.E./B.Tech. in Automation and Robotics
Manufacturing Engineering	B.E./B.Tech. in Automotive Engineering
Manufacturing Engineering	B.E./B.Tech. in Automotive Technology
Manufacturing Engineering	B.E./B.Tech. in Computer and Communication Engineering
Manufacturing Engineering	B.E./B.Tech. in Computer Aided Design of Structures
Manufacturing Engineering	B.E./B.Tech. in Computer Engineering and Application
Manufacturing Engineering	B.E./B.Tech. in Computer Networking
Manufacturing Engineering	B.E./B.Tech. in Computer Science and Systems Engineering
Manufacturing Engineering	B.E./B.Tech. in Computer Science and Technology
Manufacturing Engineering	B.E./B.Tech. in Computing in Computing
Manufacturing Engineering	B.E./B.Tech. in Computing in Multimedia
Manufacturing Engineering	B.E./B.Tech. in Computing in Software
Manufacturing Engineering	B.E./B.Tech. in Electronics and Avionics
Manufacturing Engineering	B.E./B.Tech. in Engineering and Management
Manufacturing Engineering	B.E./B.Tech. in Engineering Design
Manufacturing Engineering	B.E./B.Tech. in Fibres and Textiles Processing Technology
Manufacturing Engineering	B.E./B.Tech. in Industrial and Management Engineering
Manufacturing Engineering	B.E./B.Tech. in Industrial Management
Manufacturing Engineering	B.E./B.Tech. in Machine Engineering
Manufacturing Engineering	B.E./B.Tech. in Machine Tools Engineering
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Process
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Science and Engineering
Manufacturing Engineering	B.E./B.Tech. in Marine Technology
Manufacturing Engineering	B.E./B.Tech. in Material Science and Metallurgical Engineering
Manufacturing Engineering	B.E./B.Tech. in Materials and Metallurgical Engineering
Manufacturing Engineering	B.E./B.Tech. in Mechanical and Automation Engineering
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering Automobile
Manufacturing Engineering	B.E./B.Tech. in Mine Engineering
Manufacturing Engineering	B.E./B.Tech. in Nanotechnology and Robotics
Manufacturing Engineering	B.E./B.Tech. in Petroleum Engineering
Manufacturing Engineering	B.E./B.Tech. in Precision Manufacturing
Manufacturing Engineering	B.E./B.Tech. in Robotics and Automation
Manufacturing Engineering	B.E./B.Tech. in Polymer Engineering and Technology
Manufacturing Engineering	B.E./B.Tech. in Shipbuilding Engineering
Manufacturing Engineering	B.E./B.Tech. in Textile Plant Engineering
Manufacturing Engineering	B.E./B.Tech. in Textile Processing
Manufacturing Engineering	B.E./B.Tech. in Tool Engineering
Manufacturing Engineering	B.E./B.Tech. in Sugar Technology
Manufacturing Engineering	B.E./B.Tech. in Paper Technology
Manufacturing Engineering	B.E./B.Tech. in Aircraft Maintenance Engineering
Manufacturing Engineering	B.E./B.Tech. in Digital Techniques for Design and Planning
Manufacturing Engineering	B.E./B.Tech. in Electrical and Mechanical Engineering
Manufacturing Engineering	B.E./B.Tech. in Electronics Engineering (Design and Manufacturing)
Manufacturing Engineering	B.E./B.Tech. in Facilities and Services Planning
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Engineering and Automation
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Process and Automation Engineering
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Technology
Manufacturing Engineering	B.E./B.Tech. in Material Science and Technology
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Design and Manufacturing)

Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Repair and Maintenance)
Manufacturing Engineering	B.E./B.Tech. in Medical Electronics
Manufacturing Engineering	B.E./B.Tech. in Metallurgy and Material Technology
Manufacturing Engineering	B.E./B.Tech. in Military Engineering
Manufacturing Engineering	B.E./B.Tech. in Mining Technology
Manufacturing Engineering	B.E./B.Tech. in Nuclear Science and Technology
Manufacturing Engineering	B.E./B.Tech. in Industrial Production
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Manufacturing Engineering)
Manufacturing Engineering	B.E./B.Tech. in Metallurgy and Materials
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Welding Technology)
Manufacturing Engineering	B.E./B.Tech. in Production and Management
Manufacturing Engineering	B.E./B.Tech. in Automation Engineering
Manufacturing Engineering	B.E./B.Tech. in Industrial Design
Manufacturing Engineering	B.E./B.Tech. in Electronics and Communication Engineering with specialization in Design and Manufacturing
Manufacturing Engineering	B.E./B.Tech. in Control & Industrial Automation
Manufacturing Engineering	B.E./B.Tech. in Power and Energy Systems Engineering
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Smart Manufacturing)
Manufacturing Engineering	B.E./B.Tech. in Mechanical with specialization in Automotive Engineering
Manufacturing Engineering	B.E./B.Tech. in Mechanical Stream – Production Engineering
Manufacturing Engineering	B.E./B.Tech. in Automotive Design Engineering
Manufacturing Engineering	B.E./B.Tech. in Additive Manufacturing
Manufacturing Engineering	B.E./B.Tech. in Applied Electronics and Communications Engineering
Manufacturing Engineering	B.E./B.Tech. in Artificial Intelligence (AI) and Data Science
Manufacturing Engineering	B.E./B.Tech. in Artificial Intelligence and Machine Learning
Manufacturing Engineering	B.E./B.Tech. in Electronics and Communication Engineering (Industry Integrated)
Manufacturing Engineering	B.E./B.Tech. in Industrial IoT
Manufacturing Engineering	B.E./B.Tech. in Mechanical and Mechatronics Engineering (Additive Manufacturing)
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Industry Integrated)
Manufacturing Engineering	B.E./B.Tech. in Naval Architecture and Ship Building Engineering
Manufacturing Engineering	B.E./B.Tech. in Robotics and Artificial Intelligence
Manufacturing Engineering	B.E./B.Tech. in Petroleum Engineering and Technology
Manufacturing Engineering	B.E./B.Tech. in Manufacturing Engineering and Technology
Manufacturing Engineering	B.E./B.Tech. in Mechanical and Smart Manufacturing
Manufacturing Engineering	B.E./B.Tech. in Mechanical Engineering (Production)

## 5. Industrial Metallurgy

Industrial Metallurgy	The Indian Institute of Metals (IIM)
Industrial Metallurgy	M.Sc. in Materials Science
Industrial Metallurgy	M.Sc. in Mineral Beneficiation
Industrial Metallurgy	M.Sc. in Ore-dressing
Industrial Metallurgy	M.Sc. in Mineral dressing
Industrial Metallurgy	M.Sc. in Nano Science and Technology
Industrial Metallurgy	M.Sc. in Mineral Processing
Industrial Metallurgy	B.E./B.Tech. in Metallurgy and Materials Engineering
Industrial Metallurgy	B.E./B.Tech. in Cement and Ceramic Technology
Industrial Metallurgy	B.E./B.Tech. in Ceramic Engineering

Industrial Metallurgy	B.E./B.Tech. in Industrial Manufacturing Engineering
Industrial Metallurgy	B.E./B.Tech. in Industrial and Production Engineering
Industrial Metallurgy	B.E./B.Tech. in Industrial Metallurgy
Industrial Metallurgy	B.E./B.Tech. in Manufacturing Engineering
Industrial Metallurgy	B.E./B.Tech. in Material Science and Engineering
Industrial Metallurgy	B.E./B.Tech. in Mechanical Engineering
Industrial Metallurgy	B.E./B.Tech. in Metallurgical and Materials Engineering
Industrial Metallurgy	B.E./B.Tech. in Metallurgical and Materials Technology
Industrial Metallurgy	B.E./B.Tech. in Metallurgical Engineering
Industrial Metallurgy	B.E./B.Tech. in Metallurgical Engineering and Material Science
Industrial Metallurgy	B.E./B.Tech. in Metallurgy
Industrial Metallurgy	B.E./B.Tech. in Mineral Processing
Industrial Metallurgy	B.E./B.Tech. in Nanotechnology
Industrial Metallurgy	B.E./B.Tech. in Production and Industrial Engineering
Industrial Metallurgy	B.E./B.Tech. in Production Engineering
Industrial Metallurgy	B.E./B.Tech. in Advanced Manufacturing and Mechanical Systems Design
Industrial Metallurgy	B.E./B.Tech. in Ceramic and Glass Technology
Industrial Metallurgy	B.E./B.Tech. in Ceramic Engineering and Technology
Industrial Metallurgy	B.E./B.Tech. in Ceramic Technology
Industrial Metallurgy	B.E./B.Tech. in Manufacturing Process
Industrial Metallurgy	B.E./B.Tech. in Manufacturing Science and Engineering
Industrial Metallurgy	B.E./B.Tech. in Material Science and Metallurgical Engineering
Industrial Metallurgy	B.E./B.Tech. in Materials and Metallurgical Engineering
Industrial Metallurgy	B.E./B.Tech. in Mechanical Engineering Automobile
Industrial Metallurgy	B.E./B.Tech. in Mineral Engineering
Industrial Metallurgy	B.E./B.Tech. in Nanotechnology and Robotics
Industrial Metallurgy	B.E./B.Tech. in Electrical and Mechanical Engineering
Industrial Metallurgy	B.E./B.Tech. in Manufacturing Engineering and Automation
Industrial Metallurgy	B.E./B.Tech. in Manufacturing Technology
Industrial Metallurgy	B.E./B.Tech. in Material Science and Technology
Industrial Metallurgy	B.E./B.Tech. in Mechanical Engineering (Design and Manufacturing)
Industrial Metallurgy	B.E./B.Tech. in Mechanical Engineering (Repair and Maintenance)
Industrial Metallurgy	B.E./B.Tech. in Metallurgy and Material Technology
Industrial Metallurgy	B.E./B.Tech. in Polymer Science and Chemical Technology
Industrial Metallurgy	B.E./B.Tech. in Mechanical Engineering (Manufacturing Engineering)
Industrial Metallurgy	B.E./B.Tech. in Metallurgy and Materials
Industrial Metallurgy	B.E./B.Tech. in Production and Management
Industrial Metallurgy	B.E./B.Tech. in Mechanical Engineering (Production)