



स्थापित ESTD. 1966

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

Department of Foundry and Forge Technology

Sub: Summer Internship Programme for B.Tech/B.E Students

Objective: To provide summer internship opportunities to B.Tech students, studying in 2nd, 3rd, and 4th year in reputed academic institutions. The internship aims to offer practical exposure and technical insight into the core areas of **Foundry and Forge Technology**, with a focus on **Production and Industrial Engineering** and **Mechanical/Metallurgical domains**. The internship will enhance practical exposure and technical understanding in real-world applications.

Period of summer internship: 4 to 6 weeks starting from **08-06-2026 to 10-07-2026**

Areas of Internship:

- Foundry Technology
- Forge Technology
- Solidification and Flow Simulation
- Die Design
- Methoding and Gating Design of Casting
- Defect Analysis and Quality Control
- Heat Treatment related to Cast and Forged Products
- Industrial Engineering Applications in Foundry and Forge
- Process Planning and Optimization
- Machining, Welding and Thermal Engineering
- Supply chain management and operation research
- Smart and Digital Manufacturing in Metal Casting and Forming

Eligibility Criteria:

1. Students currently in **2nd, 3rd, or 4th year** of **Mechanical Engineering / Metallurgical and Materials Engineering / Production and Industrial Engineering** or allied disciplines from **AICTE/UGC approved Institutes**.
2. **Bio-data/Resume/CV** must be submitted in a simple format along with a **recommendation letter** from the **Head of Department/Institute/University**.
3. Applicants must **mention their preferred area(s) of interest** and may indicate the **faculty member(s)** they wish to work with, as listed on the departmental section of the website: www.niamt.ac.in
4. **Last date for application submission: 31-05-2026.**

Fellowships, Training Fees and Accommodation Details:

- **No Application fees or charges** are applicable for participation.
- **No financial support** will be provided by NIAMT Ranchi during the internship.
- Food facility may be availed in the hostel on a payment basis, or arrangements can be made from outside on their own. (cooking inside the hostel is not permissible).
- Accommodation may be provided in the hostel based on availability, on a **chargeable basis**.

Application Procedure:

Eligible and interested candidates must **submit their resume along with Annexure-I** by email to hodfft@niamt.ac.in before the deadline mentioned above.

Annexure-I

Sub: Summer Internship Recommendation

Sir/Madam,

Mr./Ms. _____ (Roll/Registration No. _____) is a bonafide student of _____ (Name and address of the Institute/College), affiliated to _____ (Name of the University), and is currently studying in _____ year in the Department of _____ of this Institute/College.

Mr./Ms. _____ is a student of our department and bears a good moral character and conduct.

Signature

Head of Department / Competent Authority
Institute / University