

Office of the Dean Research and Consultancy  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103

**Project on: "Design development and multi-scale materials modeling of high entropy alloy based multifunctional composites through additive manufacturing"**

under the PAIR Network titled "An Eight Institution Partnership for Advancing Materials Research and Development: From Fundamental Design to Emerging Applications in Structural, Functional and Biomaterials Spaces"

[Sponsoring Authority: ANRF, Govt. of India]  
Department of Metallurgy and Materials Engineering  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103

Ref: Advt. No. CH 1891, dated 20.11.2025

[Institute Project Code: DRC/ANRF-PAIR (4211)/CHEM/PB/010/25-26]

Interested candidates are requested to appear for a walk-in interview on 28.11.2025 at 11:00 AM, for the following post in the Department of Metallurgy and Materials Engineering, Indian Institute of Engineering Science & Technology (IEST), Shibpur, Howrah-711 103.

Name of the post: Junior Research Fellow

No of post - One (01)

**Essential Qualification:** M. E./M. Tech. in Metallurgy, Metallurgical Engineering, Materials Engineering, Materials Science, Mechanical Engineering, Applied Mechanics, Computer Science, Information Technology, Aerospace Engineering, Ceramics Engineering, or allied discipline or M.Sc. in Physics/Chemistry/Materials Science/Mathematics from a recognized University/Institute with minimum 60% marks or 6.5 CGPA on a 10-point scale are eligible to apply for the JRF positions with valid GATE/ NET. For SC/ST/PwD category, a minimum of 55% marks or 6.0 CGPA on 10-point scale is required with a valid GATE/NET.

**Desirable Qualification:**

- Basic understanding of physical and mechanical metallurgy, phase transformations, and thermodynamics of materials.
- Exposure to materials synthesis and characterization.
- Exposure in computational science, computational materials engineering, materials thermodynamics, and simulation-based materials design will be an added advantage.
- Good communication skills.
- Motivation for pursuing a PhD in Metallurgy & Materials Engineering under ANRF or similar funded schemes.

**Fellowship:** Rs. 37,000/- p.m. + Rs 11,100/- (30% HRA) = Rs 48,100/- per month

**Age Limit:** Maximum 32 years, (Upper age limit is relaxable up to 5 years for SC/ST/OBC/Woman and Physically handicapped candidates).

**Duration of the Project:** Five years from the date of commencement or till the project continues, whichever is earlier

Interested eligible candidates should mail soft copies of the application letter in plain paper, recent bio-data, mark sheets and certificates. All documents should be self-attested. Physical documents will be verified at the time of joining. The selection will be cancelled if any discrepancies are found in the documents at the time of physical verification.

**Venue and Date of the interview:** Office of the Dean (R&C), IEST, Shibpur on 28.11.2025 at 11:00 AM

**Note:**

1. Soft copies of the application letter, bio-data, marksheets and certificates should be sent through e-mail in advance by November 27, 2025, at 5:00 pm to: Prof. Manojit Ghosh (PI), (E-mail: [mghosh@metal.iests.ac.in](mailto:mghosh@metal.iests.ac.in)/[mghosh.metal@faculty.iests.ac.in](mailto:mghosh.metal@faculty.iests.ac.in)).
2. All applications must mention a valid e-mail ID and phone number for communication (if required).
3. Shortlisting may be done before the interview.

*Nanda Subella*

Dean (R & C)

Dean Research and Consultancy  
Indian Institute of Engineering Science and Technology  
Shibpur, Howrah-711 103, West Bengal, India

(W. Code DRC-026/25-26)