

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

Project on: "Development and optimisation of a micro-texture forming process in structural alloys for superior fatigue performance"

[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. MT 1937, dated 22.06.2026

[Institute Project Code: DRC/ANRF(4211)/MET&MAT/SG/024/25-26]

Interested candidates are requested to appear for walk-in interview on 10.07.2026 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, 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 55 % marks or 6.0 CGPA on 10-point scale is required with valid GATE/NET.

Desirable Skills:

- Exposure in finite element method and related simulation tools (ABAQUS/ANSYS), and in Python, MATLAB.
- Knowledge of computational mechanics, metal plasticity and deformation, and mechanical characterization in domains such as fatigue, and formability 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 30 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.

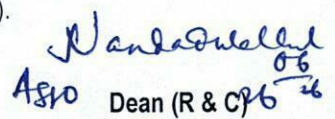
Interested eligible candidates should mail soft copies of the application letter in plain paper, recent bio-data, mark sheets and certificates. All documents should be self-attested. Physical documents will be verified at the time of joining. The selection will be canceled if any discrepancies are found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

Venue and Date of the interview: Department of Metallurgy and Materials Engineering, IEST, Shibpur 10.07.2026 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 *July 08, 2026 at 5:00 pm* to: Dr. Suman Guha (PI), (E-mail: suman.metal@faculty.iests.ac.in).
2. All applications must mention a valid e-mail id and phone number for communication (if required).
3. Short listing may be done before the interview.

(W. Code DRC-018/26-27)


Asst Dean (R & C) 06/26
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