

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

Project on: *"Development of nano-ceramic particle-reinforced Nickel-based superalloy matrix composites through laser additive manufacturing for aerospace applications"*

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 Mechanical Engineering
Indian Institute of Engineering Science & Technology (IEST), Shibpur
Howrah-711 103

Ref: Advt. No. CH 1912, dated 28.01.2026

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

Interested candidates are requested to apply within 16.02.2026 at 5:00 PM, for the following post in the Department of Mechanical Engineering, Indian Institute of Engineering Science & Technology (IEST), Shibpur, Howrah-711 103.

Name of the post: Junior Research Fellow (JRF)

No of post - Two (02)

Essential Qualification: The candidates with B.E/B. Tech/M.Tech in Mechanical Engineering, Production Engineering, Manufacturing Science/Engineering, Material Science, Metallurgy, Aerospace, Laser Science/Engineering, or any equivalent/relevant allied branches 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 score. For SC/ST/PwD category, a minimum 55% marks or 6.0 CGPA on 10-point scale is required with valid GATE/NET score. Candidates possessing B.Tech./B.E or an equivalent Degree in the relevant branch from a recognized University/Institute with minimum of 80% aggregate marks (8.5 CGPA on a 10 point scale) in the qualifying degree and a valid GATE score are eligible to apply.

Desirable Qualification: Prior experience in working with Additive Manufacturing/Laser material processing/Material simulation modelling will be preferred, but not essential. Applicant have to be agile for multidisciplinary and multitasking work.

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

Age Limit: Maximum 35 years, (Upper age limit is relaxable up to 5 years for SC/ST/OBC/Woman and Physically handicapped candidates). In special circumstances for extraordinary candidate, this can be relaxed.


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 interview and 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: Will be intimated later through email

Note:

1. Soft copies of the application letter, bio-data, mark sheets and certificates should be sent through e-mail in advance by February 16, 2026 at 5:00 pm to: Dr. Rajib Chakraborty, Project Investigator (E-mail: rajib@mech.iests.ac.in & rc.mech.iests@gmail.com).
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.


Asw Dean (R & C)

(W. Code DRC-047/25-26)

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