

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
Metallurgical and Materials Engineering

SRIC/06

Dated: 25/05/2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS\*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the research project(s) under the principal investigator (Name: **Dr. Piyush Vijay Jagtap**), Dept./Centre **Metallurgical and Materials Engineering** Indian Institute of Technology, Roorkee.

1. Title of project: *Developing Ti-steel laminate composites by accumulative roll bonding.*
2. Sponsor of the project: NRB-DRDO
3. Project position(s) and number: One Junior Research Fellow (JRF)
4. Qualifications: B.Tech. Metallurgy and Materials Engineering/Science. GATE qualification is essential.
5. Emoluments: 37000/month
6. Duration: 24 months with the possibility to enroll in Ph.D. program based on the performance.
7. Job description: Optimize the roll bonding process for Ti/steel, Microstructural characterization of roll bonded samples using SEM/TEM/FIB, mechanical testing of the composite structure using micro-tensile testing, nanoindentation.

1. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
  - Experience including research, industrial field and others.
  - Attested copies of degree/certificate and experience certificate.
2. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of joining for verification.
3. Preference will be given to SC/ST candidates on equal qualifications and experience.
4. Please note that no TA/DA is admissible for attending the interview.

**Note: The selected candidate may get an opportunity for PhD admission.**

The last date for application to be submitted to office of Principal Investigator is 25<sup>th</sup> of June 2026 by 5 PM.

The interview will be held in **Hybrid/online mode** and the date of interview will be conveyed to the candidates after shortlisting.


Email: [piyushvj@mt.iitr.ac.in](mailto:piyushvj@mt.iitr.ac.in)



Signature of PI

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

APPROVED

  
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