

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
**(Department of Metallurgical and Materials Engineering)**

Dated: 26 Dec 2025

**ADVERTISEMENT TO FILL UP PROJECT POSITIONS\***

Applications are invited for walk-in interview from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the principal investigator: Prof. Sai Ramudu Meka, Metallurgical and Materials Engineering department, Indian Institute of Technology, Roorkee.

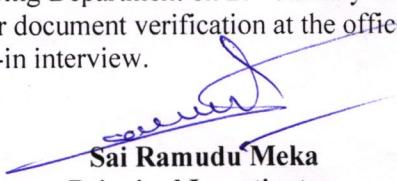
1. Title of project: "Thermal Conductivity and specific heat measurement for different metal alloys from 20k to 1000k"
2. Sponsor of the project: ISRO, Bangalore
3. Project position(s) and number: Junior Research Fellow (JRF)-01
4. Qualifications: B. Tech/M. Tech degree in Mechanical/Metallurgy/Materials Science and Engineering or equivalent (or) M. Sc degree in Physics/Chemistry or equivalent. The applicant must have a qualified GATE exam.
5. Emoluments: 37,000/- per month + HRA
6. Duration: 9 months
7. Job description: The selected candidate will be responsible for performing thermal conductivity and specific heat measurements of different metals. In addition, the work involves microstructural characterization of the specimen using optical and electron microscopy, as well as phase identification and analysis through X-ray diffraction (XRD). The candidate is expected to handle sample preparation, analyze the obtained data, and prepare technical reports related to the project.
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply for.
9. 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.
10. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
11. Preference will be given to SC/ST candidates on equal qualifications and experience.
12. Please note that no TA/DA is admissible for attending the interview.

Walk-in interviews will be held at the Metallurgical and Materials Engineering Department on 27<sup>th</sup> January 2026 at 10 AM. Interested candidates must report between 9:30AM to 10:00AM for document verification at the office of the Department of Metallurgical and Materials Engineering on the day of walk-in interview.

APPROVED

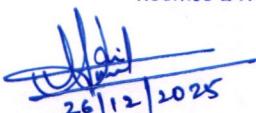
Tel: 01332-284860

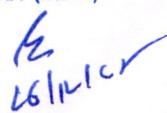
Email: s.r.meka@mt.iitr.ac.in

  
Sai Ramudu Meka  
Principal Investigator

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

Dean  
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Indian Institute of Technology Roorkee  
Roorkee-247 667 (INDIA)

  
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