

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Dated: 25/9/2026

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 **Prof. Gautam Agarwal**, Deptt./Centre of **Metallurgical & Materials Engineering**, Indian Institute of Technology, Roorkee.

1. Title of project : Dissimilar gas tungsten arc welding between titanium and stainless steel
2. Sponsor of the project : Indian Oil Corporation R&D, Faridabad
3. Project position(s) and number : Research Associate (1)
4. Qualifications (Eligibility) : Candidates should hold a Ph.D. in Metallurgical/Materials Engineering or a closely related field with at least 2 SCI journal publications. The candidate must have qualified for the GATE exam in the past.
5. Emoluments : Rs. 55000 - Rs. 58000 + HRA
6. Duration : 1 Years 10 Months 29 Days
7. Job description : The RA will be involved in the welding setup, welding trials of Titanium and Stainless-steel sheets and associated activities on new brazing alloy development, weld metal characterization and corrosion testing. The candidate is expected to have hands-on experience in:
 - Arc welding processes,
 - New-alloy development (CALPHAD approach)
 - Thermo-Calc (thermodynamic simulation software)
 - Microstructural characterization (OM, SEM, XRD, EBSD), mechanical testing and
 - Corrosion testing (preferably)Periodic field trials at IOCL's Panipat refinery will also be a part.

8. Terms & Conditions:

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents through email by 8/10/2026:
 - CV
 - Degree Certificates

- Experience Certificates

3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.
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 certificateGate Score Card.

The last date for application to be submitted to office of Principal Investigator is **8/10/2026** by **05:00 PM**.

Please submit your application via email to: **gautam.agarwal@mt.iitr.ac.in**

Tel: 9560467970



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