

SRIC/06

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

Dated: 3rd July 2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for Junior Research Fellow (JRF) as per the details given below for the consultancy/research project(s) under the principal investigator (Name: Prof. Nikhil Dhawan), Dept. Metallurgical and Materials Engineering, Indian Institute of Technology, Roorkee.

1. **Title of project:** Prototype development for component recycling from spent solar panels
2. **Sponsor of the project:** DST, New Delhi
3. **Project position(s) and number:** JRF, One
4. **Qualifications**
 - (a) B.Tech./ M.Tech. Degree in Metallurgy / Materials Science and Engineering or equivalent. **with GATE qualification (necessary)**
 - (b) M.Sc. in Materials Science/ Physics/ Chemistry and allied streams with Mathematics at the Undergraduate level, **with GATE qualification (necessary)**
5. **Emoluments:** INR 37000/month
6. **Duration:** 26 months with the possibility of enrolling in a PhD program based on performance
7. **Job description:** The candidate is expected to conduct experiments, characterization studies, detailed analysis, and prototype development for the recovery of metal values. Candidates, before appearing for the interview, shall ensure that they are eligible for the position they intend to apply.
8. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of the Principal Investigator through email (nikhil.dhawan@mt.iitr.ac.in) by 10th July 2026 and produce them at the time of the interview.
 - Application on 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.
9. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
10. Preference will be given to SC/ST candidates on equal qualifications and experience.
11. Please note that no TA/DA is admissible for attending the interview.

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

The interview will be held at the Metallurgical and Materials Engineering, IIT Roorkee, on July 15, 2026 (Tuesday) at 15:00 Hrs.

Tel: +91-1332-284839

Email: nikhil.dhawan@mt.iitr.ac.in

Nikhil

Dhawan

**Name and signature
of the Principal Investigator**

Digitally signed by Nikhil Dhawan
DN: cn=Nikhil Dhawan, o=IIT
Roorkee, ou=MMEL,
email=nikhil.dhawan@mt.iitr.ac.in,
c=IN
Date: 2026.07.03 14:08:59 +05'30'

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

APPROVED



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Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

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