

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Mechanical & Industrial Engineering)

Dated: 03-07-2026

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 consultancy/research project(s) under the principal investigator, Mechanical & Industrial Engineering Department, Indian Institute of Technology, Roorkee.

1. **Title of project** : "Research and experiential learning center on sustainable energy and circularity"
2. **Sponsor of the project** : NTPC Limited, New Delhi
3. **Project position(s) and number**: **Project Consultant and 01 Nos**
4. **Qualifications/ Experience**: MTech (ME) with a 12-14 years' working experience (after MTech) in educational institute (academic/research) with criteria highlighted below:

OR

PhD (ME); with a minimum of 4 years' research experience (after PhD) in eminent educational institute/research laboratory with criteria highlighted below:

Professional experience/accomplishment criteria: Candidate should have experience in handling academic lab/research work and shown inclination by

- (i) publishing a minimum of 4 paper or 03 papers (in Q1/Q2 journal, Clarivate ranking) & 01 patent (filed/granted)
- (ii) publishing/presenting a minimum of 02 papers in conferences/symposium of repute,
- (iii) minimum 2 years working in an R&D project at any IITs/Central govt laboratories.

Preference to candidate: familiarity in any image acquisition technique/experiments, research in Hydrogen energy/sustainability area, and supervision of BTech/MTech projects.

5. **Emoluments**: 75,000/- to 2,50,000/- + HRA
6. **Duration**: Three (03) years or up to the project tenure (as applicable)
7. **Job Description**: will be responsible for managing the big R&D project, equipment procurement, experimentation planning and data/image acquisition, communication, draft/report writing, paper writing/publication/patent filing.
8. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
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.

The interview will be held at **Room #233, AVTAR Lab**, Mechanical & Industrial Engineering Dept, IIT Roorkee

on 15th July 2026 at 11:45 AM onward.
(Reporting time: 09:00 AM to 10:00 AM)

Tel : 01332-286734 (off)
Email : ntpc.office@iitr.ac.in, ntpc.coe@iitr.ac.in


(Prof Manish Mishra)

Approved



Dean

Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
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*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.