

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

05-01-2026

**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 (Name: Prof. Sudhakar Subudhi), Department of Mechanical & Industrial Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: Study of heat transfer performance and flow structures in thermomagnetic convection used for power generation
2. Sponsor of the project: SERB
3. Project position and number: : JRF– 1
4. Qualifications and Experience: ME/M.Tech in Mechanical/Energy or equivalent for JRF position with GATE SCORE
5. Emoluments : Rs. 37000 per month(for first two years) and Rs. 42000 per month(for third year)
6. Duration: Up to duration of project (tentatively for 3 years subject to availability of fund and satisfactory progress by the candidate)
7. Job description: Modelling, simulation and experimental investigation on heat transfer performance and flow structures in thermomagnetic convection used for power generation

**Note:**

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 to the office of Principal Investigator through email:
  - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
  - Experience including research, industrial field and others.
  - Self attested copies of degree/certificate and experience certificate.
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.

The last date for application to be submitted by email to the office of the principal investigator is 27<sup>TH</sup> January 2026 by 18:00 hrs.

The selected candidate may get an opportunity for PhD admission.

*Approved*

डीन (सिक्योरिटी) (Dean SRIC)  
भा० प्र० सं० र० इ० र० की० / IIT Roorkee

Tel: 01332-28-4763

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

*Sudhakar Subudhi*  
Prof. Sudhakar Subudhi  
(Principal Investigator)

*PROF. SUDHAKAR SUBUDHI*  
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*5-01-2026*