

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE  
(Centre for Nanotechnology)**

Dated: 28/10/2022

**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. Kaushik Pal), Dept./Centre: Centre for Nanotechnology, Indian Institute of Technology, Roorkee.

1. Title of project: **Development of super thermal insulating material (AEROGEL) based flexible blanket system for the inter-planetary missions with gaseous convective environments.**
2. Sponsor of the project: **ISRO, Bengaluru**
3. Project position(s) and number: **Project Associate (PA)**
4. Qualifications: **M.Sc / M.Tech (Physics / Chemistry / Material Science / Nanoscience & Nanotechnology / Mechanical Engg. / Applied Physics / Applied Science / Chemical Engg.) with valid qualified GATE/NET score.**
5. Emoluments: **Rs. 31,000/- Per Month (consolidated) for the 02 years.**
6. Duration: **2 Year's**
7. Job description: **Experimental Studies on nanocomposite fabrication, characterizations and any other work assigned by PI from time to time. It is desirable (Preference will be given) to have (i) proficiency in nanomaterial and aerogel synthesis, nanocomposites preparation and modification; (ii) experience in material characterization and testing, (iii) writing skill for technical paper.**
  - i. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
  - ii. 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 on or before the application deadline:
    - a. Application in a plain paper with detailed CV mentioning the project code and post applied for including chronological discipline of degree/certificates obtained.
    - b. Experience including research, industrial field and others.
    - c. Attested copies of degree/certificate and experience certificate.
    - d. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
  - iii. Preference will be given to SC/ST candidates on equal qualifications and experience.
  - iv. Please note that no TA/DA is admissible for attending the interview.

**Note:** The selected candidate may get an opportunity for Ph.D. admission in Centre for Nanotechnology, IIT Roorkee.

The last date for application to be submitted to below mentioned e-mail positively by **12.11.2022** by **5 PM**.

**Shortlisted candidates will be intimated the interview date for online interview through e-mail.**

Tel: +91-1322-284761  
Email: [pl\\_kshk@yahoo.co.in](mailto:pl_kshk@yahoo.co.in)

Fax: +91-1322-2845665

Name and signature of Principal Investigator

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

**APPROVE D**  
Abhayan  
11/12  
डीन (सिक)/(Dean SRIC)  
भा. प्रौ. सं. रुड़की/IIT Roorkee