

Call for walk-in interview for the position of JRF/SRF

Project Title: Development of graphene based transparent and conducting coating for spacecraft applications

Funding Agency: ISRO, Department of Space, Govt. of India

Objective of proposed research:

This research work aims at developing a graphene-based coating on FEP/glass and/or other substrates, as an alternative to ITO based coatings, used in spacecrafts. Realization of this goal will lead to multiple benefits, such as development of coating material through simple, scalable process; preparation of coated FRP/glass/other material through an easy and fast process; flexibility of the coating and an overall economic process.

Schedule of interview: Walk-in interview to be held in the office of Head, Centre of Nanotechnology, IIT Roorkee at 11 am, 29th April 2019. All interested candidates must report to the office before 11 am.

Detailed information about the interview is available on the next page.

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
CENTRE OF NANOTECHNOLOGY**

Dated: 8th April, 2019

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 research project under the Principal Investigator (Name: Indranil Lahiri), Centre of Nanotechnology, Indian Institute of Technology Roorkee.

1. **Title of project:** Development of graphene based transparent and conductive coating for spacecraft applications
2. **Sponsor of the project:** ISRO, Bengaluru
3. **Project position(s) and number:** JRF/SRF - one
4. **Minimum qualifications:** M. Tech. / M.E./ M.S. in Metallurgy/Materials Science & Engineering/ Nanotechnology/ Mechanical Engineering/ Electronics Engineering/ Chemical Engineering **OR**, M.Sc. in Physics/ Chemistry with NET or equivalent qualification **OR**, B.E./B.Tech. in Metallurgy/Materials Science & Engineering/ Nanotechnology/ Mechanical Engineering/ Electronics Engineering/ Chemical Engineering with NET/GATE or equivalent qualification
5. **Emoluments:** Rs. 25,000 for first two years and 28,000 for third year
6. **Duration:** 36 months or until the duration of the project, whichever is earlier
7. **Job description:** Research related experiment/analysis/report preparation; visit to ISRO and other collaborators' institutes for performing experiments; any other relevant work for the above-mentioned project

NOTES:

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, **MUST** submit their applications with the following documents to **the 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 and publications/conference presentations; experience including research, industrial, academic and others.
 - Self-attested copies of degree/certificate and experience certificate.
3. Candidate should 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 walk-in interview will be held at the office of HoD, Centre of Nanotechnology, IIT Roorkee on 29 April, 2019 at 11 am.

Tel: 91-1332-28-5261

Email: indranil.lahiri@gmail.com ; indrafmt@iitr.ac.in

Name and signature of Principal Investigator

(Indranil Lahiri)

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

Approved
PKumar

[सहायक (वित्तिक)/Dean (SRIC)]

[Signature] 10.4.19