

DRD-1825-NTC

DEAN SRIC OFFICE IIT ROORKEE
Sl. No. 2252 Dated 11/07/22
Sent to: S. L. Pal
SRIC/06
A.R. (Admn.)

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

Dated: 08/07/2022

**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: **Multiscale Modelling and Simulation of Layered Fibre Reinforced Nanocomposite.**
2. Sponsor of the project: **DMSRDE, DRDO**
3. Project position(s) and number: **Junior Research Fellow (JRF)/ Senior Research Fellow (SRF) - 01**
4. Qualifications: **M.Tech (Material Science/Civil Engg./Nanoscience & Nanotechnology/Mechanical Engg./Physics/Applied Physics/Chemistry/Applied Science/Chemical Engg.) with valid qualified GATE score. (Preference will be given to those candidates who is having the knowledge of composite materials)**
5. Emoluments: **Rs. 31,000/- Per Month (consolidated) for the 02 years and Rs. 35,000/-Per Month (consolidated) for the third year.**
6. Duration: **3 Year's**
7. Job description: **Theoretical Studies of Multi Layered Nanocomposites and any other work assigned by PI from time to time. It is desirable to have (i) proficiency in simulation work using ANSYS workbench and LS-DYNA; (ii) FORTRAN/PYTHON programming working knowledge.**

- 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.**  
The last date for application to be submitted to below mentioned e-mail positively by 20.07.2022 by 5 PM.  
(not applicable for walk in interview)

**Shortlisted candidates will be intimated the interview date for the Walk-in interview after the screening committee report.**

Tel: +91-1322-284761

Fax: +91-1322-2845665

Name and signature of Principal Investigator

Email: crajib2003@gmail.com and cc to pl\_kshk@yahoo.co.in

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

**APPROVED**

*Kaushik Pal*  
12/7/2022  
डीन (सिक)/(Dean SRIC)  
भा. प्रौ. सं. रुड़की/IIT Roorkee

*S.P. Pal*  
12/07/2022

*S. L. Pal*  
12/7/22