

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
Department of Mechanical and Industrial Engineering

Dated: 22/11/2022

ADVERTISEMENT TO FILL UP PROJECT POSITION*

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 (**Dr. Avinash Parashar**), Co-PI (**Prof. S.P.Harsha**)
 Dept./Centre: **Mech. and Ind. Engg., Indian Institute of Technology, Roorkee.**

1. Title of project: **Experimental and numerical analysis of light weight nanocomposites for static and dynamic loading.**
2. Sponsor of the project: **Indian Space Research Organization (STC-1939-MID)**
3. Project position(s) and number: **Project associate, One**
4. Qualifications: **M.E./M.Tech. in Mechanical/Design/CADCAM/Applied Mechanics or Equivalent with exposure or interest in atomistic modeling.**
5. Emoluments: **Rs. 31,000/- (As per norms)**
6. Duration: **2 Years**
7. Job description: This project involves atomistic simulations and experimental analysis of nanocomposites. The atomistic simulations will be performed in molecular dynamics, whereas experimental work requires fabrication and characterization (e.g. TEM, SEM, TGA) of nanocomposite samples.
 - (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 following documents to the office of Principal Investigator through email (avinash.parashar@me.iitr.ac.in).
 - a. Cover letter
 - b. Updated CV with complete education (Institute, year of passing, CGPA) details
 - c. Consolidated marksheets of B.Tech and M.Tech as single pdf attachment
 - d. GATE SCORE CARD is required
 - (iii) Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 - (iv) Preference will be given to SC/ST candidates on equal qualifications and experience.
 - (v) Please note that no TA/DA is admissible for attending the interview.

The interview will be held on **December 15th, 2022 at 10:00 AM** using online mode of communication, Webex.

Tel: 1332-284801, +91-8859115533

Email: avinash.parashar@me.iitr.ac.in

APPROVED

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23/11/22

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भा. प्रौ. सं. रूड़की/IIT Roorkee

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A. Parashar
22/11/2022
(Prof. Avinash Parashar)
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.