

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

Dated: 16/03/2023

**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: Dr. Sushanta Dutta), MIED Indian Institute of Technology, Roorkee.

1. Title of project: **Design and Fabrication of a bio-inspired surface with modified fluid-structure interaction for enhanced underwater performance.**
2. Sponsor of the project: Naval Research Board (NRB), DRDO, New Delhi
3. Project position(s) and number: 01/ JRF (DRD-1990-MID)
4. Qualifications: Minimum qualification is M. Tech./M.S. Research (1<sup>st</sup> class)/Ph.D. in Mechanical or Aerospace Engineering (GATE/NET qualified) or B.Tech. from CFTI with CGPA > 7.5. *with GATE/NET*
5. Emoluments: 31,000 per month (consolidated)
6. Duration: 3 Years
1. Job description: The candidate should have knowledge of Fluid Mechanics, Instrumentation. He has to design a setup for the project and carry out experiments with different instruments.
2. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
3. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of the Principal Investigator through email, by post or produce at the time of the Interview:
  - Application in plain paper with a detailed CV including chronological discipline of degree/certificates obtained.
  - Experience including research, industrial field, and others.
  - Attested copies of degree/certificate and experience certificate.
4. Candidates shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
5. Preference will be given to SC/ST candidates on equal qualifications and experience.
6. Please note that no TA/DA is admissible for attending the interview.

**Note: The selected candidate may get an opportunity for Ph.D. admission if applicable**

The last date for application to be submitted to the office of the Principal Investigator is **07/04/2023** by 5 PM.

The interview will be held at **14/04/2023 on 3.00 PM in Committee Room, MIED**

Tel: 285410

Fax: 285665

Email: [sushanta@me.iitr.ac.in](mailto:sushanta@me.iitr.ac.in)/[duttafme.iitr@gmail.com](mailto:duttafme.iitr@gmail.com)

*S. Dutta*  
*15/3/23*  
Name and signature  
of Principal Investigator  
(Sushanta Dutta)

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

*Approved*

*Abhishek*  
*16/3/23*

डीन (सिक)/(Dean SRIC)

भा. प्रौ. सं. रुड़की/IIT Roorkee

*Rajew*  
*16-3-23*

*16/3/23*