

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

Dated: November 20, 2018

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position as per the details given below for the research project under the Principal investigator (Name: Dr. Manish M. Joglekar), Dept. Mechanical and Industrial Engineering Indian Institute of Technology, Roorkee.

1. Title of project : **Design Development and Characterization of a Dielectric Elastomer-based Variable Focal Length Mirror**
2. Sponsor of the project: Science and Engineering Research Board
3. Project position(s) and number : Junior Research Fellow (01)
4. Qualifications : B.E./B.Tech in Mechanical Engineering + GATE Qualification
5. Emoluments: INR 25,000/- p.m.
6. Duration: Initially for 1 year with possible extensions till the end of the project duration.
7. Job description : 1) Mechanical and optical characterization of the DE-based variable curvature mirror, 2) Development of a mathematical model describing the dynamic response of the variable curvature mirror, 3) Procurement of the equipment necessary for the project and the related administrative activities.

[Note: *Prior experience of MATLAB programming and that in handling the Laser Doppler Vibrometer will be preferred*].

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 should submit their applications with the following documents to the office of 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.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
3. Candidate shall 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 interview will be held at Mechanical and Industrial Engineering Department (IIT Roorkee) on Wednesday December 05, 2018 at 10:00 am

Tel: 01332 284769

Fax: 01332 285665/273560

Email: mmj81fme.fme@iitr.ac.in

Dr. Manish M. Joglekar

Name and signature of PI

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

Approved

(M)

20/11/18

सहायक (विशेष)/Dean (SRIC)

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