

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPT. OF METALLURGICAL AND MATERIALS ENGINEERING**

Dated: 20/10/20

ADVERTISEMENT TO FILL UP PROJECT POSITION

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. Vivek Pancholi), Dept.: Metallurgical and Materials Engg., Indian Institute of Technology Roorkee, Roorkee-247667, Uttrakhand.

1. Title of project: Novel processing to enhance ductility of cast AZ91 Mg alloy [STC-1566-MMD (STC-13)]
2. Sponsor of the project: ISRO-RESPOND
3. Project position(s) and number: Junior Research Fellow (JRF), one.
4. Qualifications: M.Tech / M.E (Metallurgical Engg. / Materials Engg. / Materials Science, Mechanical / Production / Industrial Engg.,) with qualified NET/GATE.

Emoluments: Rs.31,000/month +HRA (8%) first two years and Rs.35,000/month +HRA (8%)for the third year.

5. Duration: Three years
6. Job description: The project deals with the friction stir processing of cast AZ91 Mg alloy to enhance its ductility at room and elevated temperatures. Detailed microstructural characterization using electron backscattered diffraction (EBSD) will be carried out to understand processing-microstructure-properties correlation..

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.

Note: The selected candidate may get an opportunity for PhD admission.

The last date for application to be submitted to office of Principal Investigator is 10/11/20 by 5 PM.

Tel: 9917912707

Fax: +91-1332-285426

(Dr. Vivek Pancholi)

Name and signature of Principal Investigator

Email: vivek.pancholi@mt.iitr.ac.in

vivek.pancholi@gmail.com

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