

Birla Institute of Technology, Mesra

PRODUCTION & INDUSTRIAL ENGINEERING DEPARTMENT

Advertisement for the post of Junior Research Fellow (JRF)/ Project Associate-I

Applications are invited from Indian nationals for the position of Junior Research Fellow (JRF)/ Project Associate-I in a SERB-funded research project with the following details:

Name of the project	Development of Hard and Wear Resistant Coating for Hydraulic Cylinders by Laser Surface Cladding as a Substitute for Hard Chrome Plating
Principal Investigator(PI) Along with e-mail id	Prof. Indranil Manna Professor, Department of Production & Industrial Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand - 835215, India Email: imanna@bitmesra.ac.in
Details of Co-P.I.	1. Dr. Bappa Acherjee Asst. Professor, Dept. of Prod. & Ind. Engg., BIT Mesra, Ranchi 2. Dr. Somak Datta Asst. Professor, Dept. of Prod. & Ind. Engg., BIT Mesra, Ranchi 3. Prof. Jyotsna Dutta Majumdar Professor, Dept. of Metall. & Mater. Engg., IIT Kharagpur, Kharagpur
Duration of the project	3 Years (JRF/ Project Associate-I position is co-terminus with the project.)
Number of Positions	01
Essential qualifications:	For JRF: B.E./B.Tech. and M.E./M.Tech. in Mechanical/Production/Manufacturing/ Production & Industrial/Materials/Metallurgical Engineering/Laser Technology/Welding Technology or equivalent from a recognized University/Institute in India with minimum 60% marks or 6.0 CGPA on a ten-point scale and with qualified CSIR-UGCNET including Lectureship or GATE or qualified through National Examination of Government Departments and Agencies. For other than JRF (Project Associate-I): B.E./B.Tech. and M.E./M.Tech. in Mechanical / Production / Manufacturing / Production & Industrial / Materials / Metallurgical Engineering/Laser Technology/ Welding Technology or equivalent from a recognized University/Institute in India with minimum 60% marks or 6.0 CGPA on a ten-point scale. (M.Tech. students in final semester/results awaited can also apply)
Desirable	GATE-qualified candidates will be preferred. Candidates with past research experience in the relevant field and a desire to pursue a PhD will be given preference.
Designation	JRF For other than JRF: Project Associate-I
Fellowship	(i) For JRF: Rs 31,000/- + 16% HRA per month (First two years) and Rs 35,000/- + 16% HRA per month (Third year). (ii) For other than JRF (Project Associate-I): Rs 25,000 + 16% HRA (First two years) and Rs 28,000 + 16% HRA (Third year).
Interview Date	To be intimated to the shortlisted candidates through email

- **How to apply:** Interested candidates are requested to send their CV (along with all supporting documents as a single pdf file with the application) to bappa.rana@bitmesra.ac.in and somakdatta@bitmesra.ac.in with a copy to dr.aac@bitmesra.ac.in on or before **15 May 2024**. The CV must include the mail ID and working phone number.
- The candidates will be shortlisted for **online/offline interview** based on their academic and professional background and will be intimated through email stating the date and time for interview.
- **Terms and Conditions:**
 - i) The decision of the selection committee will be final.
 - ii) The appointment of the candidate will be governed by the terms and conditions of the Institute/funding agency particularly applicable to the said project as and when required.
 - iii) The post is purely temporary in nature and subject to the availability of funds.
 - iv) No TA/DA will be paid for attending the interview.

Kandip Dutta
01/05/2024
Registrar