

DEPARTMENT OF PRODUCTION AND INDUSTRIAL ENGINEERING

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) in a DST and Tata Steel Limited-funded research project with the following details:

Name of the project	Laser Additive Manufacturing and Refurbishment of High-Temperature Resistant Structural Components (LAMAR)
Principal Investigator (PI) along with e-mail ID	Prof. Indranil Manna Professor, Department of Production & Industrial Engineering, and Vice-Chancellor, Birla Institute of Technology, Mesra, Ranchi, India
Details of Co-P.I.	Dr. Gayatri Paul Assistant Professor, Dept. of Prod. & Ind. Engg., BIT Mesra, Ranchi Dr. Bappa Acherjee Associate Professor, Dept. of Prod. & Ind. Engg., BIT Mesra, Ranchi Dr. Somak Datta Assistant Professor, Dept. of Prod. & Ind. Engg., BIT Mesra, Ranchi Prof. Jyotsna Dutta Majumdar Professor, Dept. of Metall. & Mater. Engg., IIT Kharagpur, Kharagpur Dr. Siddhartha Roy Assistant Professor, Dept. of Metall. & Mater. Engg., IIT Kharagpur
Duration of the project	The project duration is 3 years and the JRF position is co-terminus with the project.
Number of Positions	02
Essential qualifications:	B.E. / B.Tech in Mechanical / Production / Manufacturing / Production & Industrial Engineering / Materials / Metallurgical Engineering or equivalent, 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.
Desirable	GATE-qualified candidates will be preferred. Candidates with past research experience in the relevant field and a desire to pursue a Ph.D. will be given preference.
Designation	(i) Junior Research Fellow for first 2 years and Senior Research Fellow for 3 rd year for candidates having NET/GATE for (ii) Project Associate I for first 2 years and Project Associate II for 3 rd year for candidates who do not fall under (i)
Fellowship	(i) For candidates having NET/GATE qualification Rs 37,000 /- + 18% HRA per month (First two years) and Rs 42,000/- + 18% HRA per month (Third year) and will be designated as JRF for first 2 years and SRF for 3 rd year. (ii) Rs 30,000 + 18% HRA (First two years) and Rs 33,000 + 18% HRA (Third year) for others who do not fall under the above clause (i) and will be designated as Project Associate I for first 2 years and Project Associate II for 3 rd year
Interview Date	To be intimated to the shortlisted candidates through email

- **How to apply:** Interested candidates are requested to send their CV to gayatri@bitmesra.ac.in, bappa.rana@bitmesra.ac.in and somakdatta@bitmesra.ac.in with a copy to dr.aac@bitmesra.ac.in on or before **02 March 2025**. 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 an 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 availability of funds and yearly research progress.
 - iv) No TA/DA will be paid for attending the interview.


Registrar

Registrar
Birla Institute of Technology
Mesra, Ranchi