

# Birla Institute of Technology, Mesra

## DEPARTMENT OF MECHANICAL ENGINEERING

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

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

Name of the project	A novel hard magnetic soft continuum curved robot: Multi-physical mechanics, active control, modulation, and optimized design (Acronym: NHMSC robot)
Principal Investigator (PI) Along with e-mail id	<b>Dr. Sushanta Ghuku,</b> Assistant Professor, Department of Mechanical Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand- 835215, India email: <a href="mailto:sushanta.ghuku@bitmesra.ac.in">sushanta.ghuku@bitmesra.ac.in</a> Mobile: 7890649116
Details of Co-P.I.	NA
Duration of the project	3 years
Number of Positions	01
Essential qualifications:	For JRF: M.Tech./ M.E. in Mechanical/ Design/ Applied Mechanics/ Civil/ Aerospace/ Metallurgy/ Production or equivalent) from a recognized Institute/ University with qualified CSIR-UGC NET including Lectureship or GATE or qualified through National Examination of Government Departments and Agencies.  For other than JRF (Project Associate I): M.Tech./ M.E. in Mechanical/ Design/ Applied Mechanics/ Civil/ Aerospace/ Metallurgy/ Production or equivalent) from a recognized Institute/University.
Desirable	Preference will be given to candidates having CSIR/UGC JRF-NET/GATE and working experience relevant to the project topic (especially knowledge in Solid Mechanics, MATLAB, FE package)
Designation	JRF For other than JRF: Project Associate I
Fellowship	For JRF: Rs. 31,000 + 16% HRA for the first two years and for the third year Rs. 35,000 + 16% HRA for those who have qualified CSIR-UGC NET including Lectureship or GATE or qualified through National Examination of Government Departments and Agencies.  For other than JRF (Project Associate I): Rs. 25,000 + 16% HRA for the first two years and for the third year Rs. 28,000 + 16% HRA for others who do not fall under the above category.
Interview Date	<b>To be intimated to the shortlisted candidates through email</b>

- **How to apply:** Interested candidates are requested to send their CV to [sushanta.ghuku@bitmesra.ac.in](mailto:sushanta.ghuku@bitmesra.ac.in) with a copy to [dr.aac@bitmesra.ac.in](mailto:dr.aac@bitmesra.ac.in) before **3<sup>rd</sup> May, 2024**. CV must include the mail ID and working phone number.
- The candidates would be shortlisted for **online interview** based upon 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 subjected to availability of funds.
  - iv) No TA/DA will be paid for attending the interview.

*Sandip Dutta*  
22/04/2024  
Registrar