

# 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	Development of Ni Reinforced surface composite of AA5083 with high wear, tensile and fatigue resistance for modern transportation sector
Principal Investigator (PI) Along with e-mail id	<b>Dr. Arun Kumar Kadian,</b> Assistant Professor, Department of Mechanical Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand- 835215, India email: <a href="mailto:arun.kadian@bitmesra.ac.in">arun.kadian@bitmesra.ac.in</a> Mobile: 9954917101
Details of Co-P.I.	Dr. Arkadeb Mukhopadhyay Assistant Professor Department of Mechanical Engineering  Dr. Dilip Kumar Singh Assistant Professor Department of Physics  Dr. Anil Chandra Mahato Assistant Professor Department of Mechanical Engineering
Duration of the project	3 years
Number of Positions	01
Essential qualifications:	For JRF: M.Tech./ M.E. in Mechanical/ Design/ Metallurgy/ Production/ Aerospace 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/ Metallurgy/ Production/ Aerospace 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. 37,000 + 16% HRA for the first two years and for the third year Rs. 42,000 + 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 [arun.kadian@bitmesra.ac.in](mailto:arun.kadian@bitmesra.ac.in) with a copy to [dr.aac@bitmesra.ac.in](mailto:dr.aac@bitmesra.ac.in) before **28<sup>th</sup> June, 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.

*Sanjay Datta*  
Registrar 04/06/2024

**Registrar**  
**Birla Institute of Technology**  
**Mesra, Ranchi**