

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:

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| 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 | Dr. Arun Kumar Kadian, Assistant Professor, Department of Mechanical Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand- 835215, India email: arun.kadian@bitmesra.ac.in 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 | To be intimated to the shortlisted candidates through email |

- **How to apply:** Interested candidates are requested to send their CV to arun.kadian@bitmesra.ac.in with a copy to dr.aac@bitmesra.ac.in before **17th September, 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 Datta
Registrar
03/09/2024

Registrar
Birla Institute of Technology
Mesra, Ranchi