



Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, इन्दौर 453 552, भारत

IIT Indore

Advertisement for Recruitment of Junior Research Fellow (JRF)

Advt. No:

Date: 06/05/2024

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a research project as per the following details.	
Position	Junior Research Fellow (JRF) (Under ISRO RESPOND Project No. ISRO/RES/3/988/23-24)
Number of Vacancy	01
Project Title	High Cycle Fatigue Testing of Metallic Materials (Studies on fatigue and fracture behavior of advanced materials and their weld joint)
Department	Metallurgical Engineering and Materials Science
Fellowship duration	1 years 6 months (initially) (The selected candidate will be encouraged to register for the Ph.D. program at IIT Indore as per institute norms) If selected for PhD program, fellowship will be extended for PhD duration as per institute norms.
Job Description	To investigate mechanical behavior (Fatigue and fracture) behavior of advanced materials for space application. The studies to be carried out both in base material and weld joint of these advanced materials. The project involves both experimental study and numerical analysis. The project provide learning opportunities in the areas of mechanical testing, advanced welding techniques, fatigue and fracture mechanics, materials characterization, numerical analysis and etc.
Essential Qualification	Master's degree in Mechanical / Metallurgy / Materials / Production/ Manufacturing Engineering/ Material Science Engineering / industrial Engineering/ relevant branch of Engineering or Science. GATE qualified candidates will be preferred.
Age Limit	28 years (3 Years relaxation for OBC candidate, 5 Years relaxation for SC/ST / /Physically Handicapped/Female candidates)
Fellowship	Junior Research Fellowship (JRF): Rs. 37,000/- p.m. (First & Second years) Rs. 42000/- p.m. (3 rd year upon upgradation) Plus HRA will provided as per institute norms.

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant Essential Qualification Degree Certificates, Marks Sheets, GATE qualifying certificates, Date of Birth Pro Certificate in a single pdf file to jayaprakash@iiti.ac.in by **17 May, 2024**. Tentative Date of Interview: **Last week of May 2024**.

Only shortlisted candidates will be called for interview. Selected candidates will be intimated by email. **Interview will be in online/ offline mode. No TA/DA will be paid for appearing in the interview.**

Address for Correspondence:

Dr. Jayaprakash Murugesan_(email: jayaprakash@iiti.ac.in)

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