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IIT Indore

Advertisement for Recruitment of Junior Research Fellow (JRF)

Advt. No: MEMS/ JP/Oct 2026

Date: 06/10/2026

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/3/1014/23-24)
Number of Vacancy	01
Project Title	Study of Fracture toughness (KIC/JIC) of additively manufactured IN718, IN625 and XH67 components in temperatures range of 77K-950K
Department	Metallurgical Engineering and Materials Science
Fellowship duration	3 months (initially) can be extended until the project end.
Job Description	To investigate fracture toughness of (IN718, IN625 and XH67) advanced materials for space application in the temperatures range of 77K-950K. The project involves both experimental study and numerical analysis. The project provide learning opportunities in the areas of mechanical testing, fatigue and fracture mechanics, materials characterization, numerical analysis and etc.
Essential Qualification	BE / B.Tech (with GATE qualified) or Master's degree in Mechanical / Metallurgy / Materials / Production/ Manufacturing Engineering/ Material Science Engineering / industrial Engineering/ relevant branch of Engineering or Science.
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. 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 and required certificate in a single pdf file to jayaprakash@iiti.ac.in by **16 Oct, 2026**. Tentative Date of Interview: **3rd of October 2026**.

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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