भारतीय प्रौद्योगिकी संस्थान भिलाई
जिला-दुर्ग, छत्तीसगढ़-491001
Indian Institute of Technology, Bhilai
Dist.- Durg, Chhattisgarh - 491001
Website: www.iitbhilai.ac.in

Annexure - II

Advertisement for the post of JRF in ISRO funded Research Project

Applications are invited from Indian nationals for the position of JRF in ISRO funded research project with the following details:

Title of the Project: Development of in situ engineered additive manufacturing technique for fabricating Inconel 718 parts

About the project:
The project is the ISRO-funded research project aimed at development of an in-situ engineering methodology for deposition and online control of Inconel 718 parts through Laser-Additive manufacturing process. The Direct Energy Deposition system at IIT Bhilai will be used as the demonstrating system for developing the online quality monitoring and control strategies involving Machine learning based approach.

Principal Investigator: Purnendu Das, Designation Assistant Professor, Department Mechanical Engineering, IIT Bhilai, Kutelabhata, Khapri, Durg, Chhattisgarh- 491001 (purnendu@iitbhilai.ac.in).

Name of the position: JRF

Number of Positions: 1
Essential qualifications:

M.Tech / M.E. or equivalent degree OR BTech / B.E. or equivalent degree with valid Gate Score and preferably 2 years relevant experience in Engineering or Technology in Mechanical Engineering, Metallurgical Engineering, Electrical Engineering, Instrumentation Engineering or Computer Science Engineering, or related areas from a recognized Organization.

Desirable: Preference will be given to candidates with working experience relevant to the project. Candidates with expertise in the followings are strongly encouraged to apply:

1) **Expertise in signal processing & Image and vido analysis**
2) **Understanding of Additive Manufacturing and Laser based processes.**
3) Expertise in Python and MATLAB
4) **Experience / Familiarity with** Manufacturing Processes, Superalloys, Digital control.

Age limit: 35 years
Salary: 37,000/- + HRA
Duration: The position is temporary for a period of 89 days, and subject to extension as per IIT Bhilai Norms.

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How to apply: Interested candidates must appear for the **Walk-in Interview** with a hard copy of the attached application form duly filled. ***The duly completed application form along with candidate's resume must also be emailed to the PI to reach him by 11.59 pm 11-Nov-2026.*** The positions are available immediately.

Date of Interview: 12-Nov-2026; Time : 11 am; Venue: ED2 Room-405A

The applicants may confirm their participation and request for online interview via email to Dr Purnendu Das (purnendu@iitbhilai.ac.in), by 11.59 pm 10-Nov-2026.

Terms & Conditions:

i. No TA/DA will be provided to the candidate for the interview.

ii. The PI shall not be responsible for postal/courier delay if any, or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.

iii. The decision of the selection committee will be final.

iv. If the number of shortlisted candidates called for the interview is large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement.

v. 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.

vi. The selected candidate will have to join duty immediately on receipt of the offer.

vii. The fellowship may be terminated with a 30-day notice before completion of the tenure if performance till date is not deemed satisfactory.