



भारतीय प्रौद्योगिकी संस्थान भिलाई

Indian Institute of Technology Bhilai

Dist.- Durg, Chhattisgarh - 491001

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Annexure - II

Advertisement for the post of Project Associate in IBITF funded research project

Applications are invited from Indian nationals for the position of Project associate in a IBITF funded research project with the following details:

Title of the Project: Application of thermal radiography and artificial intelligence for detection of surface defects in blooms/billets during continuous casting process

Principal Investigator: Dr. Rahul Jain, Designation: Assistant Professor, Department of Mechanical Engineering, IIT Bhilai, Kutelabhata, Dist: Durg (rahul@iitbhilai.ac.in).

Brief overview of project: The project aims to develop an online defect identification system during continuous casting process. The defect identification system should be able to identify the defective and non-defective billet/blooms.

Name of the position: Project Associate

Number of Positions: 02

Essential qualifications: BE/BTech in Mechanical Engineering/Computer science engineering with two years of relevant experience. Or MTech in Mechanical/Computer science

Desirable: Knowledge/Experience in Digital image processing, machine learning, Defect detection through non-destructive technique, Numerical modeling of continuous casting process

Age limit: 45 years

Salary: 35,000-50,000 (Consolidated) Deserving candidate with higher experience in related field / qualification may get higher salary

Duration: One year. Extension may be provided subject to availability of funds in the project and performance of the candidate.

How to apply: Interested candidates must apply on the application form attached with this advertisement. Duly completed application form along with candidate's resume should be submitted to google form: <https://forms.gle/wQEqaqnsD6CYBrgJ6> by 30/11/2023. Only shortlisted candidates will be called for interview. The positions are available for immediate joining.

Due date: 30/11/2023



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अस्थायी परिसर: शास. अभि. महा. सेजबहार, रायपुर, छत्तीसगढ़, भारत – ४९२०१५

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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.