



Indian Institute of Technology Indore

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IIT Indore

भारतीय प्रौद्योगिकी संस्थान इंदौर

सिमरोल, खंडवा रोड,
इंदौर - 453552 (म.प्र.), भारत

Date: April 07, 2026

Advertisement for the post of One (01) Junior Research Fellows (JRFs)

Applications are invited from highly motivated and research-oriented candidates for the position of Junior Research Fellow (JRF) in the Department of Metallurgical Engineering and Materials Science, Indian Institute of Technology Indore, under an externally sponsored research project:

Project Title:

“Development of Mo-free Duplex Stainless Steel”

Funded Agency: Anusandhan National Research Foundation (ANRF)

Eligibility:

- **B.E. / B.Tech.** in Metallurgical Engineering / Materials Science and Engineering / Mechanical Engineering / Manufacturing Engineering / Chemical Engineering / Engineering Physics / Production Engineering / Industrial Metallurgy / Ceramic Engineering / or any **relevant/allied engineering discipline**

OR

M.E. / M.Tech. / M.S. in Metallurgical Engineering / Materials Science / Materials Engineering / Mechanical Engineering / Chemical Engineering / Physics / Applied Physics / Solid State Physics / Nanoscience & Nanotechnology / Computational Materials Science / or any **allied/interdisciplinary area relevant to materials research**

AND

- Candidates must have a **GATE score or CSIR-UGC NET (JRF/LS) qualification.**
- Candidate must have obtained first division as defined by the awarding Institute/University.

Desirable Skills:

Candidates with interest/experience in one or more of the following areas are encouraged to apply:

- Physical and Mechanical behavior of materials (including high-temperature deformation studies)
- Materials characterization techniques (XRD, SEM, TEM, etc.)
- Computational modeling (e.g., ABAQUS or similar FEM tools)
- Thermodynamic and phase stability analysis (e.g., Thermo-Calc)
- Corrosion behavior of materials
- Experimental materials processing (melting, heat treatment, etc.)

Age limit: Maximum 32 years (relaxation as per Government of India norms for (SC/ ST/ OBC/ Women/ PwD candidates))

Fellowship: INR 37,000/- per month (Consolidated emoluments) + House Rent Allowance (as per norms).

Duration: Initially for one year, extendable up to three years based on satisfactory performance. The position is co-terminus with the project.

The selected candidates will be strongly encouraged to register for the Ph.D. program at IIT Indore, subject to fulfilling the institute's eligibility requirements. A valid GATE score or NET qualification is mandatory for admission to the Ph.D. program, in addition to meeting other prescribed criteria.

How to apply?

Interested applicants are requested to submit a detailed resume to Dr. Chandan Halder (chalder@iiti.ac.in) with the subject "Application for JRF under ANRF Project" by **April 30, 2026**. Only shortlisted candidates will be contacted via email for an interview. The interview is expected to be conducted online in the first week of May 2026.