



भारतीय प्रौद्योगिकी संस्थान इन्दौर

सिमरोल, खण्डवा रोड़, इन्दौर, भारत, पिन - 453 552

Indian Institute of Technology Indore

Simrol, Khandwa Road, Indore, India PIN - 453 552

IIT Indore

April 08, 2026

Advertisement for Junior Research Fellow in ANRF funded Project.

Applications are invited from high-calibre, enthusiastic and research-oriented candidates for the position of **Junior Research Fellow (JRF) (01 in No.)** in a research project entitled **“Bio-shielded innovative cement composites developed by embedding mould- and insect-repelling non-pathogenic bacteria”** sponsored by the ANRF.

About the project: The project aims to develop a new class of bacterial cementitious composites that can store bacteria in live or dormant (spore) forms and prevent insect infestations, mould growth, and seepage.

Essential Qualification: First Class M.Sc./M.Tech in Biotechnology/Biochemistry/Microbiology/ Life Sciences. Candidate must have qualified NET/GATE in the relevant area.

Or

First Class M.E./M.Tech in Civil Engineering. Candidate must have qualified GATE in the relevant area.

Desirable: The candidate should possess a good knowledge of biotechnology or concrete technology.

Monthly Stipend: Consolidated Rs. 37,000/- per month and HRA as per the funding agency.

Duration: The initial appointment is for one year, extendable based on performance up to the project duration. **Selected candidates may be considered for admission to Ph.D. Program as a regular full-time scholar at IIT Indore as per the Institute norms.**

How to Apply:

1. Interested candidates are requested to submit a **two-page write-up and a detailed CV** to Dr. Hem Chandra Jha (hemcjsa@iiti.ac.in) and Prof. Sandeep Chaudhary (schaudhary@iiti.ac.in), via email only with the subject line as **“Application for JRF position in ANRF Funded project”**. The last date for submission of applications is 20 April, 2026. Only shortlisted candidates will be intimated by email for the online interview.
2. In the two-page write-up, the candidate should provide a brief about the following: his/her past research work, any relevant research projects done previously, his/her idea for future research or views on the above project based on the literature search, etc.
3. CV should include complete information such as academic grades/percentage starting from X standard onwards with the details of year of graduating, university or college, GATE score with year, discipline, marks, All India Rank, number of candidates appeared, contact details and a valid email id. **Please include details of your work experience in the project-relevant field.**
4. Incomplete applications will be rejected.
5. Only shortlisted candidates will be intimated by email for an online interview.