



अनुसंधान और विकास अनुभाग
भारतीय प्रौद्योगिकी संस्थान इंदौर
खंडवा रोड, सिमरोल, इंदौर - 453552, भारत
Research & Development Section
Indian Institute of Technology Indore
Khandwa Road, Simrol, Indore 453552, India

IIT Indore

Advertisement for Recruitment of IRE/ SRF/ RA

Advt. No: _____	Date: Sept. 21, 2026
Applications are invited from interested and motivated candidates for the post of <u>Junior Research Fellow</u> in a research project as per the following details.	
Position	Junior Research Fellow
Funding Agency Name	Charak Center for Digital Healthcare, IIT Indore Drishti CPS Foundation
Number of Vacancies	One
Project Title	Small Molecule Inhibitors for Treatment of Tuberculosis
Department	Chemistry
Duration of the Appointment	Oct. 1, 2026 to Sept. 30, 2028
Job Description	Molecular modeling and computational calculations using AL/ML-assisted Drug Discovery tools, Chemical synthesis of inhibitors, Column chromatographic purification, Characterization using various spectroscopic techniques such as ¹ H, ¹³ C-NMR, HRMS, IR, Documentation of experiments, Writing quarterly progress and Annual reports, PowerPoint Presentation of quarterly and annual work reports, and Biological evaluation (in vitro & in vivo) of small-molecule heterocyclic inhibitors for the treatment of infectious diseases caused by Mycobacterial strains, purchase of chemicals, processing invoices, maintenance of laboratory instruments and other duties necessary for the successful implementation of the project.
Essential Qualification	First class in M.Sc Chemistry/Biochemistry or B.Tech Biological Sciences, B.Pharm/M.Pharm with valid GATE, UGC/CSIR-LS, GPAT Rank or Score
Desirable Qualification	First class in M.Sc Chemistry/Biochemistry or B.Tech in Biological Sciences, or B.Pharm or M.Pharm with valid GATE, UGC/CSIR NET-LS, GPAT Rank or Score
Age Limit	20-25 years
Fellowship Details	INR 44,440/- per month (Inclusive 20% HRA)
Date of Interview	Oct. 5, 2026, 10:00 am
Last Date of Applications	Oct. 4, 2026, 5:00 pm

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 Proof Certificate in a single PDF file to cvenkat@iiti.ac.in (The selected candidate will be encouraged to register for the PhD program at IIT Indore as per the institute norms.) If selected for the PhD program, a fellowship will be extended for PhD duration as per institute norms

No TA/DA will be paid for appearing in the interview.

Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email.