



Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान इन्दौर
सिमरोल, इन्दौर 453 552, भारत


IIT Indore

Advt. No:.....

Date: 05-08-2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a research project as per the following details.	
Position	Junior Research Fellow (JRF) (Under Project code ANRF/IRG/2024/001317)
Number of Vacancies	01
Project Title	Geospatial and AI/ML Integration for Advanced Landfill Emissions and Energy Potential Assessment (GLEAM)
Department	Civil Engineering
Fellowship duration	12 months (initially) (The selected candidate will be encouraged to register for the Ph.D. program at IIT Indore as per institute norms). If selected for a PhD program, the fellowship will be extended for the PhD duration as per the institute's norms.
Job Description	We are seeking a dedicated professional for field surveys, methane flux measurements, and GIS/remote sensing-based data analysis. The role includes AI/ML geo-mapping, GHG emission assessment, technical reporting, and simulation/modelling of landfill methane behavior.
Essential Qualification	Applicants must hold a B.E. or B. Tech degree in Civil Engineering and Post-Graduation in Environmental Engineering/Agricultural Engineering/ Geoinformatics, or another relevant field. GATE/NET Ph.D.-qualified candidates will be preferred. Desirable Skills: Experience with ArcGIS, QGIS, Python, MATLAB, or relevant AI modelling software.
Age Limit	28 years (3 Years relaxation for OBC candidates, 5 Years relaxation for SC/ST/Physically Handicapped/Female candidates)
Fellowship	Junior Research Fellowship (JRF): Rs. 37,000/- p.m. *HRA will be provided as per the institute norms.

Interested candidates are requested to submit their application through the following Google Form link: <https://forms.gle/RT66gBaNvVMYESwe8>

<p>Important Dates:</p> <ul style="list-style-type: none">Last Date of Submission: August 14, 2025Tentative Date of Shortlisting: August 14, 2025.Tentative Date of Interview: August 16, 2025. <p>Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email. No TA/DA will be paid for appearing in the interview.</p> <p>Address for correspondence: Dr. Ashootosh Mandpe (email: as_mandpe@iiti.ac.in, earth.lab@iiti.ac.in) Department of Civil Engineering Ph: 0731-660-3257</p>	 <p>Apply here</p> <ul style="list-style-type: none">The decision of the selection committee will be final.The Institute reserves the right to fill out or not fill out the post advertisementThe selected candidate must join duty immediately upon receipt of the offer
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