



# Indian Institute of Technology Indore

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IIT Indore

भारतीय प्रौद्योगिकी संस्थान इन्दौर  
सिमरोल, इन्दौर 453 552, भारत

Advt. No:.....

Date: 25-05-2025

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.	
<b>Position</b>	Junior Research Fellow (JRF) (Under Project code ANRF/IRG/2024/001317)
<b>Number of Vacancies</b>	01
<b>Project Title</b>	Geospatial and AI/ML Integration for Advanced Landfill Emissions and Energy Potential Assessment (GLEAM)
<b>Department</b>	Civil Engineering
<b>Fellowship duration</b>	<b>12 months (initially)</b> (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.
<b>Job Description</b>	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.
<b>Essential Qualification</b>	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-qualified candidates will be preferred. <b>Desirable Skills:</b> Experience with ArcGIS, QGIS, Python, MATLAB, or relevant AI modelling software.
<b>Age Limit</b>	28 years (3 Years relaxation for OBC candidates, 5 Years relaxation for SC/ST/Physically Handicapped/Female candidates)
<b>Fellowship</b>	Junior Research Fellowship (JRF): <b>Rs. 37,000/- p.m.</b> <b>*HRA will be provided as per the institute norms.</b>

Interested candidates are requested to submit their application through the following Google Form link: <https://forms.gle/a5mXvaHMvr3L6FLJA>

<p><b>Important Dates:</b></p> <ul style="list-style-type: none"><li>Last Date of Submission: <b>June 03, 2025</b></li><li>Tentative Date of Shortlisting: <b>June 05, 2025.</b></li><li>Tentative Date of Interview: <b>June 09, 2025.</b></li></ul> <p>Only shortlisted candidates will be called for an interview. Selected candidates will be informed by email. <b>No TA/DA will be paid for appearing in the interview.</b></p> <p><b>Address for correspondence:</b> Dr. Ashootosh Mandpe (email: <a href="mailto:as_mandpe@iiti.ac.in">as_mandpe@iiti.ac.in</a>, <a href="mailto:earth.lab@iiti.ac.in">earth.lab@iiti.ac.in</a>) Department of Civil Engineering</p>	 <p>Apply here</p> <ul style="list-style-type: none"><li>The decision of the selection committee will be final.</li><li>The Institute reserves the right to fill out or not fill out the post advertisement</li><li>The selected candidate must join duty immediately upon receipt of the offer</li></ul>
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