



INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

Research & Development Office

ADVERTISEMENT NO. CON/13089/Advt0344 DATED 09.10.2026

Applications are invited for a temporary position of **Post-Doctoral Fellow** at IIT Gandhinagar. The details are as below:

Name of PI	Prof. Vimal Mishra	Department	Civil Engineering
Project title	Flood Management Study for Dholera City		
Designation	Post-Doctoral Fellow		
Number of positions	1		
Application Link	http://recruitment.iitgn.ac.in/projectstaff/		
Last date of application submission	20/10/2026		
Consolidated Monthly Remuneration	₹ 72,000/- to ₹ 84,000/- per month (Depending on the qualification and experience of the candidate).		
Duration of appointment	09 months or until 31.07.2027, whichever is earlier		
Eligibility Norms	☒ Institute norms ☐ Funding Agency norms		
Essential Qualification/Experience as per the norms	• PhD in Civil Engineering, Water Resources Engineering, Hydrology, or a closely related field. • Candidates who have submitted their doctoral thesis may apply, subject to Institute rules. • Demonstrated research experience in at least two of the following areas: 1. Application of hydrological modeling; 2. Remote Sensing, GIS, and Surveying for Natural Disasters; 3. Flood inundation mapping 4. Mathematical or hydrological modelling of water systems; • Experience with numerical modelling and scientific Programming. • Evidence of research ability through peer-reviewed publications or comparable scholarly outputs. • Strong written and oral communication skills and the ability to work in an interdisciplinary team. (The percentage/grade points with respect to the academic qualification will be a minimum 60% or equivalent grade from graduation onwards and 55% or equivalent grade in class 10th and 12th.)		
Desirable Qualification/Experience	• Hands-on experience with hydrological and hydrodynamic models for flood and drought-related applications. • Develop data-driven hydrological forecasting models, processn satellite and sensor observations, and link regional climate projections to water management systems. • Analyze geospatial, hydrometeorological, remote-sensing, and infrastructure datasets for Indian regions. • Publish in high-quality journals, contribute to project deliverables, and collaborate with students and research partners. • Build AI-driven digital twin platforms by integrating machine learning emulators with supercomputing infrastructure		

“Merely meeting the minimum eligibility criteria will not guarantee the shortlisting and/or appointment. A higher cutoff level may be used. The Institute reserves all rights, not to call an applicant for a selection test or not to fill up a position through this round of selection process without assigning any reason.”



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Job Description	• Hydrological and Hydraulic modelling, climate data processing and analysis, and remote sensing for the flood management study. • Preparation of technical reports and project documentation. • Publish in high-quality journals, contribute to project deliverables, and collaborate with students and research partners.
Contact	Prof. Vimal Mishra vmishra@iitgn.ac.in

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