



भारतीय सूचना प्रौद्योगिकी संस्थान वडोदरा

Indian Institute of Information Technology Vadodara



Advertisement for Junior Research Fellow (JRF) Position - Sponsored Project

Applications are invited for eligible Indian citizens for a position of Junior Research Fellow (JRF) in the Department of Computer Science and Engineering, Indian Institute of Information Technology Vadodara (Gandhinagar Campus), Gandhinagar, Gujarat, India. **The selected candidate will be allowed to pursue a Ph.D. as per the Institute's norms.** Details are mentioned below:

Project Details:

Application Form	https://forms.gle/uyzGe9PUhy7uXsRf8
Project No.	21F0025A 3 UITB 2025-26
Principal Investigators (PI)	Dr. Prमित Mazumdar, IIIT Vadodara, Gandhinagar Campus, Gandhinagar, Gujarat, India Dr. Ankush Agarwal, IIIT Vadodara, Gandhinagar Campus, Gandhinagar, Gujarat, India Prof. Dharmendra Singh, IIIT Vadodara, Gandhinagar Campus, Gandhinagar, Gujarat, India
Title of the Project	AI-based Water Structure Recommendation for Bhilwara, Rajasthan
Project Description	The candidate is expected to first extract Hydrological, Soil, Rainfall, Economical, etc. features related to the existing water structures at Bhilwara using Satellite and other resources. Use them to develop a neural network-based model for recommending a suitable water structure for a new vacant area within Bhilwara, Rajasthan district. Second, to develop an interactive web and mobile-based dashboard that provides easy exploration of water structures and recommendations for the new water structures.
Funding Agency	Urban Improvement Trust, Bhilwara, Rajasthan
Name of the Post	Junior Research Fellow (JRF)
No. of Posts	01 (one)
Duration	Till 28.12.2027 or till the completion of the project, whichever is earlier. The selected candidate will be allowed to pursue a Ph.D. (Department of CSE, Gandhinagar Campus) as per the Institute's norms. In such a case, on completion of the project the Fellowship will continue as per Institute norms.
Project Fellowship	Rs. 37,000 + Rs. 5,920 (16% HRA) = Rs. 42,920/- per month
Last Date of Submission of Application	08.07.2026
Essential Qualification	Masters degree in Geoinformatics/ Remote Sensing/ Earth Sciences/ Spatial Analytics/ CS/IT/AI/DS or in any other related field. GEN/EWS/OBC: 6 CPI/60% (M.Tech/ME) and 8 CPI / 80% (MSc) SC/ST/PWD: 5.5 CPI/55% (M.Tech/ME) and 7.5 CPI/75% (MSc)
Age	Preferably <u>below 35 years</u> as on the last date of application.



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Desirable Expertise	<p>(1) Hands-on experience with,</p> <ul style="list-style-type: none">● Satellite data from Copernicus, Google Earth, Landsat, Bhuvan, etc,● ArcGIS, QGIS, SNAP, etc.● Google Earth Engine, GeoTIFF, GeoPanda, Spatial databases, etc.● Python and Javascript programming languages● Knowledge on Image and Video processing <p>(2) Candidate qualified CSIR-UGC NET or GATE examination (old gate score is also considered) would be preferred.</p>
Application Form	https://forms.gle/uyzGe9PUhy7uXsRf8

Contact: Dr. Prमित Mazumdar, prमित.mazumdar@iiitvadodara.ac.in, +91 9337167027 (Call/Whatsapp).