



**Energy Acres, UPES, Bidholi, via Prem Nagar, Dehradun,
Uttarakhand 248007**

Recruitment of Junior Research Fellow (JRF) under the scheme of Technology Development Programme, Department of Science & Technology, Govt. of India.

Sanction No: [DST/TDT/TDP-92/2022/TPN/79670](#)

Applications are invited from eligible candidates for the post of Junior Research Fellow (JRF) to carry out research studies under the following research project entitled “**Development of an Integrated Intelligent Disaster Management System for Mountain Communities in India**”

Position: Junior Research Fellow (JRF)

Essential Qualification: M.Sc./MCA in Computer Science or M.Tech. in Computer Science/CSE/Artificial Intelligence or related field/IT/Software Engineering with minimum 60% marks or equivalent grade.

Desirable: NET (UGC/CSIR JRF)/GATE in Computer Science and/or experience in Python programming language, research related to AI in Remote Sensing/GIS, Machine Learning, Deep Learning and related technology.

Age: Candidates should not be more than 28 years of age on the closing date of the advertisement. Upper age limit may be relaxed up to 5 years in the case of candidates belonging to SC/ ST/ OBC/ Women/ candidates.

Emoluments: Rs. 37,000 per month (+ 20% HRA)

Duration of project: Initial appointment will be for one year. It is extendable on a yearly basis up to the duration of the project (about 03 years) based on performance to the satisfaction of PI.

Project details: The Project titled 'Development of an Integrated Intelligent Disaster Management System for Mountain Communities in India' has been sanctioned by Department of Science and Technology under Technology Development Program. This is a collaborative research project with partnering Institutions from IIT Patna, NIT Surathkal, Amrita University, IIT Roorkee. The goal of this project is to develop an intelligent responsive system based on comprehensive knowledge database built on disasters, traditional knowledge of mountain communities, real time monitoring sensors, spatial information systems, and auxiliary sources of data focusing on multi-hazard early warning and management in hilly regions of India. More specifically, the objective is to support AI based tools for knowledge extraction and decision making for efficient coordination in disaster management and response.

*** Deserving JRF will be considered for Ph.D. program at UPES, as per the institute’s norms.**

Mode of Application: Interested candidates should send their CV along with a cover letter (self-attested) copy of original certificates via email to Principal Investigator on Email: anil.kumar@ddn.upes.ac.in and/or anilnisar2021@gmail.com on or before **25th April 2026**. Please write “Application for Junior Project Fellow (JPF) position” in the subject line of the email. Shortlisted candidates will be intimated through email for the next step.

Mode of selection: Only shortlisted candidates will be intimated, and selection will be based on his/her performance in a personal interview by a selection committee. The mode of interview will be informed to the shortlisted candidates. No TA/DA will be paid for this purpose.

For more information, contact:

Anil Kumar Ph.D. (PI)

Associate Professor & Cluster Head: AI

SoCS, UPES, Dehradun 248007 Email: anil.kumar@ddn.upes.ac.in; anilnisar2021@gmail.com