



विश्वजीवनमृतं ज्ञानम्

अटल बिहारी वाजपेयी -
भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर
 (राष्ट्रीय महत्व का संस्थान, मानव संसाधन विकास मंत्रालय भारत सरकार के तहत)
Atal Bihari Vajpayee-
Indian Institute of Information Technology & Management, Gwalior
 (An Institute of National Importance under Ministry of HRD, Government of India)

Ref:

Date: 3rd Aug 2024

Advertisement for the JRF Position in the DST-SERB Sponsored Project
(ANRF/ECRG/2025/004141/ENS)

Applications are invited from eligible candidates as a Junior Research Fellow (JRF) to work on the following project sponsored by ANRF (ANRF/ECRG/2025/004141/ENS) under the supervision of Dr. Anjali, ABV-IIITM, Gwalior (An Autonomous Institute under MHRD, Govt. of India). The duration of the position extends for a maximum of two years. The candidates can be enrolled in the Ph.D. program as per the institute norms. The details related to the project are as follows:

Project Title	Edge-Enabled Digital Twin for Multimodal Human Activity Recognition and Health Anomaly Detection in Smart Homes
About the Project	This project aims to develop an Edge-AI-enabled Digital Twin-based multimodal smart health monitoring system for continuous, real-time detection of physiological and behavioural anomalies. By integrating wearable sensors, WiFi CSI, IMU, and ambient IoT data with lightweight edge intelligence, the system provides privacy-preserving, personalised health monitoring and early alerts. The project will deliver an optimized edge-deployable prototype capable of robust human activity recognition, anomaly detection, and Digital Twin-driven health insights for smart-home and elderly healthcare applications.
Principal Investigator (PI)	Dr. Anjali
Fellowship	As per the DST norms.
Essential Qualifications	Candidates must have M.Tech/ M.S./M.E. or equivalent in EC (Electronics and Communication)/ Electrical Engineering/ CSE (Computer Science and Engineering)/IT (Information Technology)/degrees or equivalent. They must also have B. Tech/ B.E./M.Sc. in EC/CSE/IT/EE or equivalent. Candidates must also have qualified GATE/NET in the relevant area for the JRF position. In the absence of GATE/NET, Project Associate position may be considered, with monthly emoluments in accordance with DST-SERB norms.
Desirable Qualification:	Basics of machine learning, deep learning, human activity recognition and edge computing.
Application Deadline	15 th Aug. 2026
Date of Interview	Only shortlisted candidates will be informed by e-mail about the interview date. No TA/DA will be provided for attending the interview. The interview will be scheduled in offline mode.

Application Procedure:

- Candidates are requested to send their detailed CV, including their academic details with percentage/CGPA, research works/projects, and work experience (if any) to anjali@iiitm.ac.in with the subject line as "Application for the JRF position in the DST sponsored project."
- Only shortlisted candidates will be informed through email for an interview. The interview will be conducted in person in offline mode at ABV-IIITM Gwalior.

Notes:

- For any query regarding the position, please email Dr. Anjali at anjali@iiitm.ac.in
- The duration of the position extends for a maximum of three years, extendable upto five years. If the candidate performs unsatisfactory, the position can be terminated with 1-month notice.
- Payment of fellowship is subject to the receipt of funds from the sponsoring agency.
- The candidate may be promoted to the position of SRF upon completion of 2 years as per project/institute norms.
- Selected candidates can be enrolled in the Ph.D. program as per the institute norms.

Dr. Anjali (PI)

Assistant Professor, (IT)

ABV-Indian Institute of Information Technology & Management (ABV-IIITM), Gwalior, An autonomous Institute under MHRD, Govt. of India)

email: anjali@iiitm.ac.in

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