अटल बिहारी वाजपेयी–
भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर
(भारत सरकार का स्वशासी संस्थान)

Atal Bihari Vajpayee-
Indian Institute of Information Technology & Management, Gwalior
(An Autonomous Institute of Government of India)

विश्वजीवनामृतं ज्ञानम्

Ref: 5100　　　　　　　　　　　　　　　　　　**Date: 29ᵗʰ Aug 2024**

Advertisement for the JRF Position in the DST-SERB Sponsored Project (SRG/2023/001422)

Applications are invited from eligible candidates as a Junior Research Fellow (JRF) to work on the following project sponsored by DST-SERB **(SRG/2023/001422)** under the supervision of Dr. Mahendra Kumar Shukla, **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	Design and Development of Intelligent Physical Layer Security Techniques for Wireless Health Monitoring Applications
About the Project	The objective of this proposal is to fill the gaps between physical layer security and AI for the advancement of secrecy in health monitoring applications. For the prototype development, software-defined radio will be used. The proposed research can be applied in developing many state-of-the-art applications in the various areas of IoT applications such as Smart Homes/Cities, Biomedical Applications, Logistics, etc.
Principal Investigator (PI)	Dr. Mahendra Kumar Shukla
Fellowship	As per the DST-SERB 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 wireless communications and machine learning.
Application Deadline	15ᵗʰ Sept. 2024
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 **mahendra@iiitm.ac.in** with the subject line as "Application for the JRF position in the DST-SERB 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:

1　For any query regarding the position, please email Dr. Mahendra Kumar Shukla at **mahendra@iiitm.ac.in**
2　The duration of the position extends for a maximum of two years. If the candidate performs unsatisfactory, the position can be terminated with 1-month notice.
3　Selected candidates can be enrolled in the Ph.D. program as per the institute norms.

Dr. Mahendra Kumar Shukla (PI)

Assistant Professor, (IT)

ABV-Indian Institute of Information Technology & Management (ABV-IIITM), Gwalior,

An autonomous Institute under MHRD, Govt. of India)

NH-10, Morena Link Road, Gwalior-474015 (MP) India.

Tel: +91-8795677646

email: mahendra@iiitm.ac.in