विश्वजीवनामृतं ज्ञानम्

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)

Date: 31/10/2026

Advertisement for the Research Assistant/Intern Position for the Industry-Sponsored project titled "Intelligent IoT-Based Predictive Maintenance for Industrial Factory Operation" funded by Yacca Lifesciences Pvt. Ltd., Roorkee, Uttarakhand.

Applications are invited for eligible candidates as Research Assistant/Intern to work on the project under the supervision of Project Investigator at ABV-IIITM, Gwalior (An Institute of National Importance under the Ministry of Education, Govt. of India). The position will initially be for a period of six months and may be renewed quarterly (every three months) based on monthly performance, availability of the fund and subject to the project's duration. The details related to the project are:

Project Title	Intelligent IoT-Based Predictive Maintenance for Industrial Factory Operation
About the Project	The intern will be involved in the development and implementation of an intelligent IoT-based predictive maintenance system for industrial factory operations. The work will include IoT sensor integration for real-time monitoring of industrial equipment, data acquisition and processing, equipment condition monitoring, and analysis of operational parameters. The intern will also contribute to developing AI/ML-based models for identifying abnormal operating conditions, detecting potential equipment faults, predicting maintenance requirements, and testing and validating the developed system using industrial data.
Principal Investigator (PI)	Dr. Pragya Swami
Essential Qualifications	Candidates should be either pursuing or should completed B.Tech./UG in any area related to the project.
Desirable Qualification	- Candidates with hands-on experience in Python programming, IoT technologies, sensor interfacing, and microcontrollers such as Arduino or Raspberry Pi. - Internship experience with research/sponsored projects shall be preferred. - May require travelling for the data collection and field testing.
Stipend	₹ 6,000 per month (including all deduction if any) subject to monthly progress assessment. The authority reserves the right to reduce, withhold, or terminate the stipend.
Mode of Working	Hybrid work is permitted sometime, though in-person is preferred.
Application Deadline	10 days from the date of advertisement
Date of Interview	Date will be notified only to the shortlisted candidates via email

Application Procedure:

- Candidates are requested to fill in the form here: https://forms.gle/VUGUq4uVn7Vqnng39
- Incomplete form/missing documents, the candidature will not be considered.
- Only shortlisted candidates will be informed through email for the next stage of the process.

Notes:

1. For any query, please email Dr. Pragya Swami, pswami@iiitm.ac.in
2. The candidates will be required to give progress details to the investigators on a regular basis.
3. The position will initially be for a period of six months and may be renewed quarterly (every three months) based on monthly performance, availability of the fund and subject to the project's duration.
4. Position can be terminated at any point of time.

Investigators:

Dr. Pragya Swami, Assistant Prof, EEE
ABV-Indian Institute of Information Technology & Management Gwalior,
An Institute of National Importance under the Ministry of Education, Govt. of India
NH-10, Morena Link Road, Gwalior-474015 (MP) India.