



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)

Date: 19/10/2026

Advertisement for the Research Assistant/Intern Position in the project “AgriCide: An AI-Guided Autonomous Robot for Targeted Micro-Dose Herbicide Weed Control” sponsored by AgriHub, IIT Indore under the Ministry of Electronics and Information Technology (MeitY), India.

Applications are invited for eligible candidates as Research Assistant/Intern to work on the project under the supervision of Project Investigators 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	AgriCide: An AI-Guided Autonomous Robot for Targeted Micro-Dose Herbicide Weed Control
About the Project	The intern will be involved in the development and integration of an AI-enabled autonomous agricultural robot, including robotic platform design and fabrication, computer vision and deep learning for weed/crop detection, sensor integration (IMU, LiDAR, stereo camera and encoders), robotic arm and end-effector control, autonomous navigation, sensor fusion, system calibration, and laboratory/field testing.
Principal Investigator (PI)	Dr. Vivek Tiwari
Co-Investigator (Co-PI)	Dr. Deepak Kumar Dewangan
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/C++, OpenCV, PyTorch/TensorFlow, ROS/ROS2, embedded systems, robotics, CAD, and autonomous navigation. -Internship experience with research/sponsored projects shall be preferred. -may require travelling for the data collection and field testing.
Stipend	₹ 18,000 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 (29/10/2026)
Date of Interview	Only shortlisted candidates will be notified via email regarding the next stage of the process.

Application Procedure:

- Candidates are requested to fill in the form here: <https://forms.gle/PGWeC29NDD1tD3AZ7>
- 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. Vivek Tiwari vivektiawari@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. Vivek Tiwari and Dr. Deepak K. Dewangan

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