



भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
(पृथ्वी विज्ञान मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)
डॉ. होमी भाभा मार्ग पाषाण, पुणे- ४११ ००८

INDIAN INSTITUTE OF TROPICAL METEOROLOGY
(An Autonomous Institute of the Ministry of Earth Sciences, Govt. of India)
Dr. Homi Bhabha Road, Pashan, Pune - 411 008, India



MM/Urban_Met_Delhi/2025/E-06-07

Date: 18/12/2025

To,

The Principal
A.K.P Degree College, Khurja

Sub: Installation of All-In-One Compact AWS Sensor - Reg

The Indian Institute of Tropical Meteorology (IITM), Pune, is an autonomous institution under the Ministry of Earth Sciences (MoES), Government of India. As per the mandate from the MoES, IITM has launched a dedicated project focused on Urban Meteorology—the study of weather and climate behavior over urban regions. For this initiative, the Union Territory of Delhi/New Delhi and surrounding regions (including NCR) have been selected as key study zones to install a meso-network of 185 compact All-in-One Automatic Weather Stations (AWS) to record and monitor urban weather parameters.

In this context, your esteemed institution/Organisation has been identified as a potential site for installing one of these AWS units. From your side, the only requirement is of minimal space (as per attached installation schematic) and a basic level of security to ensure uninterrupted operation of the AWS unit. The unit will be powered by its own solar panel system. The installation and maintenance will be managed by trained professionals from our selected vendor: M/s MeteoXperts Solutions Pvt. Ltd., Noida, Uttar Pradesh. The AWS will record essential weather parameters such as temperature, humidity, rainfall, wind speed and direction, and atmospheric pressure. Furthermore, we would be pleased to provide access to the data from this AWS for academic and research purposes upon request.

We look forward to your kind cooperation in supporting this important scientific effort, which will enhance our understanding of urban weather systems.

With Regards,

Dr. Shivsai Ajit Dixit

Scientist-F (PI)

IITM Pune

Dr. Thara Prabhakaran

Scientist-G (Project Director)

IITM Pune

Head of the Organisation/Competent Authority

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