



CBDE-DEW Workshop

23 February,
2026

10:30 AM – 03:30 PM
(GMT +5:30)

Theme

From Sensors to Startups:
XAI-Enabled IoT Solutions for Agri-Products

About the Workshop

The workshop is designed to bridge the gap between cutting-edge IoT technologies, Explainable Artificial Intelligence (XAI), and real-world agri-product innovations. It focuses on leveraging computer vision for agri-product usage while ensuring interpretability through methods like SHAP, LIME, and Grad-CAM. It aims to empower researchers, students, agri-entrepreneurs, and innovators to design intelligent, transparent, and scalable agricultural solutions that can transition from laboratory prototypes to market-ready startups. Participants will gain both technical insight and entrepreneurial guidance to transform IoT-enabled AI systems into impactful AgriTech ventures.

Objectives

- To understand IoT Foundations in Agriculture Products and Integrate AI with IoT Systems.
- To explain the importance of model transparency for farmers and stakeholders.
- To inspire researchers to commercialize AI-driven agricultural innovations.
- To provide guidance on converting research prototypes into viable business models.

Speakers

- Prof. Anurag Srivastava, Head, Dept. of Engineering Sciences.
- Dr. Manoj Kumar Dash, Associate Professor, Dept. of Management Studies.
- Dr. Anjali, Assistant Professor, Dept. of Information Technology.
- Dr. Saswata Roy, Assistant Professor, Dept. of Information Technology.

No Registration Fees

Workshop Activities

Registration Link:
<https://forms.gle/S155A91m5MAucobc7>

Selection Process

Since the number of seats are Limited, the selection will be made on first cum first basis.

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