



शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



ABV-IIITM
Gwalior, India

Design Exploration Workshop

(An event part of Capacity Building
and Design Entrepreneurship Project)

21 February, 2026
Saturday

10:00 AM – 04:30 PM
(GMT +5:30)

Theme

Smart Farming, Smarter Future:
AI-Driven Innovations for Sustainable Farming

About the Workshop

With increasing population pressures, climate change, and resource constraints, the agricultural sector requires innovative solutions to enhance productivity, reduce waste, and ensure environmental sustainability. AI-powered techniques in precision farming, climate-smart agriculture, livestock monitoring, and agri-business management offer immense potential for improving efficiency, sustainability, and decision-making across the agricultural value chain. Despite rapid technological advancements, student engagement and research in this critical intersection remain limited. To bridge this gap, the design exploring workshop in agriculture aims to create a platform where young innovators, students, and researchers can showcase their contributions, learn from experts, and network with interdisciplinary peers.

Objectives

- To introduce design thinking innovation principles in the agricultural context.
- To help participants identify real-world agricultural problems using stakeholder and field perspectives.
- To explore how data, AI, and analytics can be mapped to agricultural challenges.
- To enable participants to develop problem statements, solution concepts, and impact pathways.

No Registration Fees

Workshop Activities

- Inaugural, Keynote & Plenary Sessions – Exploring Innovations in AI for Agriculture
- Agri-Innovate Hackathon – Ideation & Data Mapping – Challenge announcement
- Innovation Showcase – Display of student startups, AI models, and solutions.
- Awards & Recognitions – For best prototype

Speakers

- Prof. Anurag Srivastava
ABV-IIITM Gwalior
- Dr. Manoj Kumar Dash
ABV-IIITM Gwalior
- Dr. Deepak Kumar Dewangan
ABV-IIITM Gwalior
- Dr. Yashwant Singh Patel
ABV-IIITM Gwalior
- Dr. Rohit Kumar,
ABV-IIITM Gwalior

Selection Process

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

Registration Link

<https://forms.gle/pEa5RbRNYxxYv75c7>



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