



IEI CoCE

India-Euro International Centre
of Cooperation for Excellence



“Mission Thruster”

International Workshop
for
**Smart Agriculture &
Digital Rural Technology**

Krishi-Praudyogiki SAMANVAYA

Revitalizing Indian Agriculture

- Updates & Vision - Projects & Prospects
- Proposed & Future Technologies
- Plans & Roadmap
- Global Innovations – A bird’s Eye-view

Explore
+
Learn
+
Connect

29-30 August 2025 | IIT Delhi

DMS Auditorium, Dept of Management Studies,
IIT Delhi, Hauz Khas, Delhi- 110016

About the Workshop

As is widely known, the IEI-CoCE mission on Smart Agriculture represents an innovative approach of collaborative Research & Solution Development by the agricultural and technical communities. Mission's primary aim is to develop and implement end-to-end practical solutions addressing actual Needs & Requirements (NR) at the grassroots level and resolve the issues and challenges faced by the farmers and the rural communities at 6.5 lac villages across India.

A workshop is being organized with a comprehensive overview by revisiting the achievements made so far and to inject renewed energy and momentum into the mission for the coming years in addition to refining the previous roadmap. One of the key objectives of this workshop is to identify the Priority Needs of the Agriculture and the farmers that will guide the development of solutions under Round 2 and future Rounds of the programme.

In this regard, wholehearted and widespread participation in the workshop is earnestly encouraged to ensure its success and to collectively shape the next phase of the mission.

Organising Committee

Dr. N V R Vikram G VFSTR, Guntur (Convenor)	Dr. Abhijit Das BITS Pilani, Hyderabad Campus
Dr. Vikas Upadhyaya NIIT University, Neemrana	Dr. Biswajit Lahiri CAU, Imphal
Dr. Sini Pillai Digital University Kerala	Dr. Rajkumar Josmee CAU, Imphal
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Dr. Ranbir Singh Sanasan IIT Guwahati	Dr. Dujeshwer NEHU Shillong
Dr. Samit Bhattacharya IIT Guwahati	Dr. Shridhar Patil RLBCAU, Jhansi

Directions & Principal Programme Coordination

Wg Cdr (R) Prof. Abhishek Sharma, ABV IIIT&M, Gwalior
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Patrons

ABV IIIT&M, Gwalior, Dr. SN Singh, Director

CAU, Imphal, Dr. Anupam Mishra, Vice Chancellor

NEHU Shillong, Dr. PS Shukla, Vice Chancellor

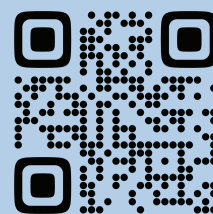
PJTAU, Hyderabad, Dr. Janaiah, Vice Chancellor

RLBCAU, Jhansi, Dr. A K Singh, Vice Chancellor

VFSTR, Vadlamudi, Col. Prof. P Nagbhushan,
Vice Chancellor

Co-hosts

CAU, Imphal
Dr. SP Singh, DMS, IIT Delhi
ABV IIIT&M, Gwalior
IIM Lucknow
IIT Guwahati
NEHU Shillong
NIIT University, Neemrana
PJTAU, Hyderabad
RLBCAU, Jhansi
VFSTR, Guntur



Register Now!





Session Plan- Day 1 Friday 29 August 2025



10:00 AM

Inaugural

“Smart Agriculture: Synergy of Technology and Practices”

- Opening remarks
- Objectives of IEI-COCE
- Keynote Address: “Smart Agriculture – National Priorities & Global Trends” by Government & Industry representatives
- Workshop objectives and vision

10:45 AM

Pre-Session: Presentations of the proposals submitted during the round 1 of CoCE (5 minutes each)



11:30 AM

Tea Break

11:45 AM

Session 1: Climate-Smart & Regenerative Farming

- Digital innovations in soil & water conservation and farm waste management
- Carbon-sequestering cropping systems
- Early warning systems of biotic and abiotic stresses
- Altitude based digital extension models



1:15 PM

Lunch

2:00 PM

Session 2: Data-Driven Decision Support for Farming

- IoT, AI & Robotics tools for soil health, slope stability, smart irrigation, and micro-climate
- ML for yield prediction and disease detection & mobile advisory service platforms
- Application of RS&GIS and Drone imagery for precision farming
- Tech for animal health and productivity (wearables, monitoring tools)



3:30 PM

Tea Break

3:45 PM

Session 3: Farm Automation & Human–Robot Collaboration

- Lightweight and terrain-adapted automated machinery for hill regions
- Drones and robotics for crop management and fish feeding management
- Safety & ethics of agri-cobots



5:15 PM

High Tea

5:45 PM

Session 4: Post-Harvest Value Chains & Provenance

- IoT and sensor-enabled community-based cold storage, warehousing and controlled logistics systems
- Drone-based logistics innovations for small payloads in difficult terrain
- Application of blockchain technology for supply chain visibility and traceability

7:15 PM

Discussions on the topics of day for Round 2 of proposals



8:00 PM

Executive Dinner with Informal roundtables, networking among:

- Farmers and agri-experts
- Startups and developers
- Industry and academia



9:00 PM

End of Day 1



Session Plan- Day 2 Saturday 30 August 2025



9:00 AM

Session 5: Agri-FinTech Inclusion in Farm Business

- Low-cost interface for market intelligence system
- Financial inclusion for underserved farming communities through digital innovation
- Digital marketplace for agri wholesalers and retailers

10:00 AM

Session 6: Industry-Academia Interaction



11:30 AM

Tea Break

11:15 AM

Session 7: Digital Governance & Rural Entrepreneurship

- Community-led models for digital service delivery
- Digital hubs for e-governance and services in villages
- Rural youth skilling in agri-tech for local entrepreneurship

12:45 PM

Valedictory

Closing Remarks & Vote of Thanks

- Summary of all sessions
- Agenda for future
- Take home message



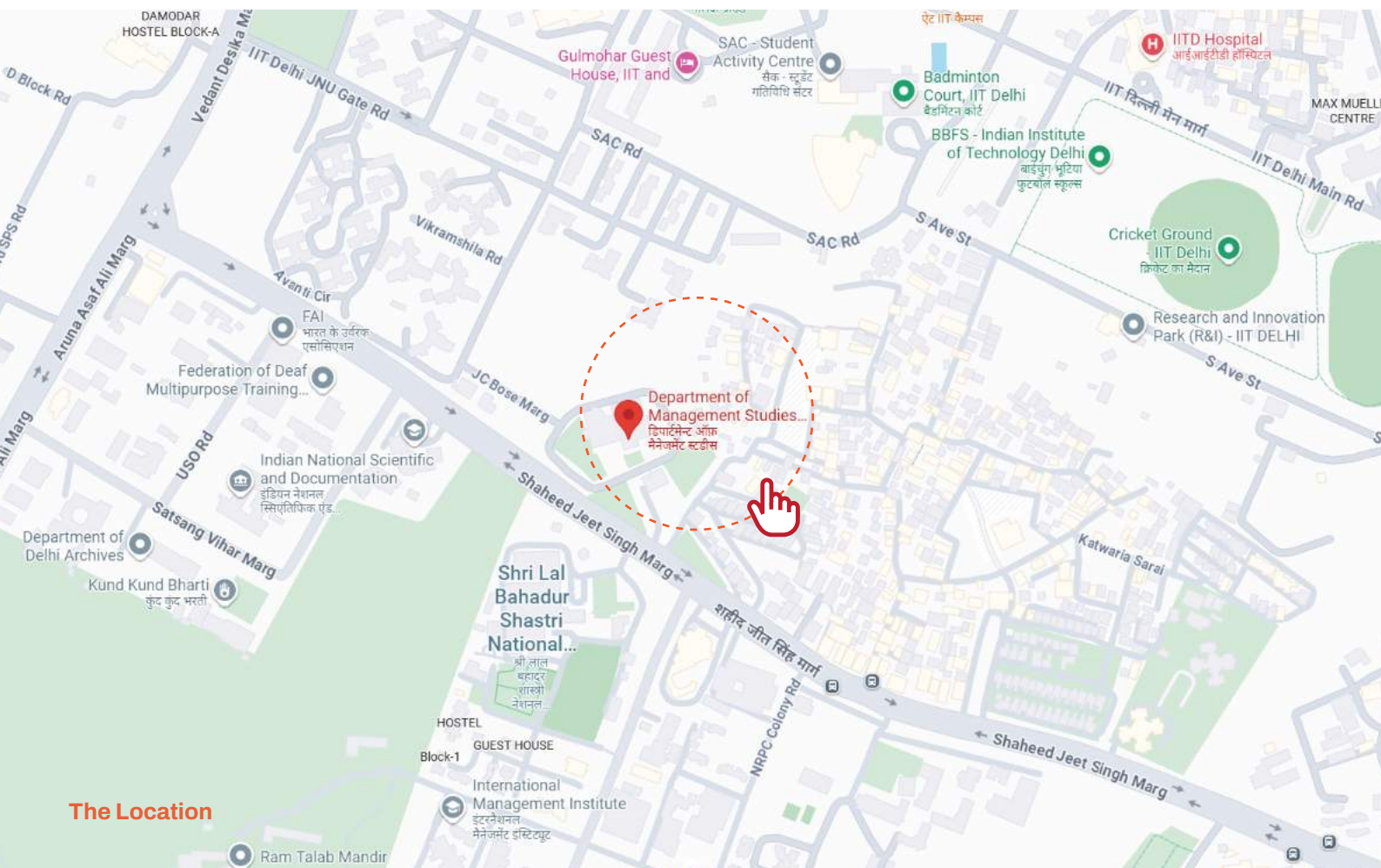
1:15 PM

Lunch



2:00 PM

End of Day 2



The Location

Our Members



IIM Lucknow



IIT Delhi



IIT Guwahati



IIT Hyderabad



IISc Bangalore



ABV IIT&M,
Gwalior



BITS Pilani



VFSTR,
Guntur



DAIICT,
Gandhinagar



Central Agricultural
University,
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North-Eastern
Hill University
Shillong



Rani Lakshmi Bai
Central Agricultural
University, Jhansi



Prof. Jayashankar
Telangana State
Agricultural University,
Hyderabad



NIIT University,
Rajasthan



Digital University
Kerala

The background is a vibrant, abstract collage of various geometric shapes and patterns. It includes green areas with zigzag and spiral patterns, a blue area with wavy lines, a yellow area with a grid pattern, and a brown area with a diamond pattern. A large, dark blue, irregular shape is centered over the collage, containing the word 'samanvaya' in white. A thin white line and a thicker blue line curve across the bottom of the collage.

samanvaya

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