



**INTEGRAL UNIVERSITY**  
LUCKNOW - INDIA

**A+** ACCREDITED BY NAAC



# INTERNATIONAL CONGRESS ON UNLOCKING ARTIFICIAL INTELLIGENCE & ROBOTICS DRIVEN SMART AGRICULTURE FOR VIKSIT BHARAT



**AIRSA-VB CON 2025**

**22 -23 DECEMBER 2025**

## THEMATIC AREAS

- Predictive Agriculture: AI-Enabled Smart Farming for the Future
- AI and Robotics in Veterinary Science & Livestock Management
- AI-Enabled Agri-Supply Chains and Market Intelligence for Food Security
- AI-Powered Urban Agriculture & Vertical Farming for Smart Cities
- AI & Robotics for Climate-Resilient and Sustainable Agriculture



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ACCREDITED  
820 BEDDED HOSPITAL

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ACCREDITED  
LABS

**NBA & ICAR**  
ACCREDITED  
PROGRAMS

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DIAMOND

**ORGANIZED BY**

**Uttar Pradesh Council of Agricultural Research (UPCAR), Lucknow  
& Integral Institute of Agricultural Science & Technology (IIAST)**

VENUE : CENTRAL AUDITORIUM, INTEGRAL UNIVERSITY, LUCKNOW  
Contact : +91- 8960 07 7763, 9450 30 3285 | Email : airsa25@iul.ac.in

## ABOUT INTEGRAL UNIVERSITY

Integral University is a premier university in Lucknow, the capital city of the state of Uttar Pradesh, India. It was established under the Act Number 9 of 2004 by the State Government. The University is duly approved by the University Grants Commission (UGC) under sections 2(f) and 12B of the UGC Act, 1956, Medical Council of India, Pharmacy Council of India, Indian Nursing Council, Council of Architecture, Bar Council of India, Indian Association of Physiotherapists, National Council for Teacher Education, UP State Medical Faculty and Distance Education Bureau. Integral University is accredited by NAAC (A+) and recognised as a Scientific & Industrial Research Organisation (SIRO) & Public Funded Research Institution (PFRI) by the Department of Scientific & Industrial Research, Ministry of Science & Technology, Government of India.

## INTEGRAL INSTITUTE OF AGRICULTURAL SCIENCE & TECHNOLOGY

Integral Institute of Agricultural Science and Technology (IIAST) was formally established on 9th May, 2014 to strengthen Agricultural Education. IIAST offers two Undergraduate Programmes, ICAR accredited B.Sc. (Hons) Agriculture, B. Tech. Agricultural Engineering and Post Graduate Programmes MBA Agribusiness Management, M.Sc. (Ag.) Agronomy / Genetics and Plant Breeding/ Soil Science, M.Sc. (Hort.) Fruit Science / Vegetable Science. The institute also offers Ph.D. program in major disciplines of Agriculture & has well equipped laboratories, Agriculture museum, Integrated Farming System, Automatic Weather Station as well as big arable farms where students gain the hands on experience and reinforce the classroom instructions. IIAST has MOUs with several leading Academic & Research Institutions. We aim to train human resource who will become active and independent researcher, entrepreneur, educator, and progressive farmer who would contribute to the field of agriculture. To ensure the high quality of the educational program we will continue to promote reform and innovation.

## ABOUT U.P. COUNCIL OF AGRICULTURAL RESEARCH

UPCAR is an autonomous apex state organisation registered as a society, which plans, co-ordinates and promotes research, education, training and transfer of technology for advancement of agriculture and allied sciences. UPCAR was established on June 14, 1989 with its headquarters at Lucknow. Over the years it has developed expertise to find out solutions on the emerging problems related to agriculture and allied sectors in the state with the active co-ordination of the State Agricultural Universities (SAUs), ICAR and CSIR institutes located in the state. It has also established strong linkages with Government Departments and other institutions engaged in the fields of agriculture, horticulture, animal husbandry, fisheries, sericulture, environment, natural resource management and allied disciplines.

## PROGRAM SCHEDULE 22-23 DECEMBER 2025

DAY & DATE		SESSIONS
Day 1 22 <sup>nd</sup> Dec. 2025		Inaugural Session
	Session-1	AI & Biotechnological Innovation for Biodiversity, Climate Resilient and Sustainable Agriculture
	Session-2	AI, Robotics and biotechnological interventions in Veterinary Science & Livestock Management
	Session-3	Predictive Agriculture : AI- Enabled Smart Farming for the Future
	Panel Discussion	Industry Connect : Bridging Fields and Firms
	Panel Discussion	Strengthening Administrative Framework for AI Enabled Agriculture
	Panel Discussion	Transforming Aspirations into Actions : Skill Development & Emerging Technologies
Day 2 23 <sup>rd</sup> Dec. 2025	Session-4	AI-enabled Agri Supply Chain and Market Intelligence for Food Security and Post-Harvest Loss Reduction
	Session-5	AI-Powered Urban, Peri Urban Agriculture & Vertical Farming for Smart Cities
	Panel Discussion	Funding Roadmap: Opportunities, Schemes, and Access Strategies for Innovators
	Session-6	Disruptive Technology for Digital Agriculture
	Panel Discussion	Changemakers in Agriculture: A Dialogue with Progressive Farmers
		Valedictory Session

**CHIEF-PATRONS - AIRSA-VBCON 2025**

 <b>Sen. Abubakar Kyari, CON</b> Minister of Agriculture & Food Security Federal Republic of Nigeria	 <b>Shri Shivraj Singh Chouhan</b> Union Minister of Agriculture & Farmers' Welfare Government of India	 <b>Smt. Anandiben Patel</b> Hon'ble Governor of Uttar Pradesh	 <b>Prof. S. W. Akhtar</b> Founder & Chancellor Integral University	 <b>Shri Surya Pratap Shahi</b> Cabinet Minister of Agriculture Agricultural Education & Research Government of Uttar Pradesh
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**PATRONS - AIRSA-VBCON 2025**

 <b>Padma Bhushan Dr. R. S. Paroda</b> Former Secretary, DARE & Director General, ICAR, Chairman Trust for Advancement of Agricultural Sciences, New Delhi	 <b>Padma Bhushan Prof. R. B. Singh</b> Former Chairman, ASRB, Govt. of India, Chancellor Central Agricultural University Imphal	 <b>Prof. Panjab Singh</b> Former Secretary DARE & Director General ICAR, Chancellor Rani Lakshmi Bai Central Agricultural University, Jhansi	 <b>Shri Dinesh Pratap Singh</b> Minister of State Horticulture, Agricultural Marketing and Agricultural Foreign Trade Government of Uttar Pradesh	 <b>Shri Baldev Singh Aulakh</b> Minister of State for Agriculture Education & Research Government of Uttar Pradesh
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**PATRONS - AIRSA-VBCON 2025**

 <b>H.E. Mustapha Jawara</b> High Commissioner of the Republic of the Gambia in India	 <b>Dr. Trilochan Mohapatra</b> Former Secretary DARE & Director General ICAR, Chairperson, Protection of Plant Varieties & Farmers Rights Authority, Ministry of Agriculture & Farmers Welfare, Govt. of India	 <b>Shri Devesh Chaturvedi</b> Secretary Department of Agriculture & Farmers Welfare, Ministry of Agriculture & Farmers Welfare Government of India	 <b>Dr. Mangi Lal Jat</b> Secretary DARE & Director General, ICAR New Delhi	 <b>Dr. Himanshu Pathak</b> Director General International Crops Research Institute for the Semi-Arid Tropics Former DG, ICAR
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**PATRONS - AIRSA-VBCON 2025**

 <b>Dr. Praveen Kumar Singh</b> Agriculture Commissioner Ministry of Agriculture & Farmers' Welfare, Government of India	 <b>Shri Deepak Kumar</b> Agriculture Production Commissioner Government of Uttar Pradesh	 <b>Dr. Manoj Nardeosingh</b> Secretary General African-Asian Rural Development Organization (AARDO), New Delhi	 <b>Shri Danish Azad Ansari</b> Minister of State for Minority Welfare, Muslim Waqf and Hajj Government of Uttar Pradesh	 <b>Dr. Syed Nadeem Akhtar</b> Pro-Chancellor Integral University
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**PATRONS - AIRSA-VBCON 2025**

 <b>Syed M. Fauzan Akhtar</b> Addl. Pro-Chancellor Integral University	 <b>Syed Adnan Akhtar</b> Addl. Pro-Chancellor Integral University	 <b>Dr. Nida Fatima</b> Addl. Pro-Chancellor Integral University	 <b>Rev. Prof. (Dr.) Rajendra B. Lal</b> Vice Chancellor Sam Higginbottom University of Agriculture, Technology and Sciences Prayagraj, Uttar Pradesh	 <b>Dr. Ashok Kumar Singh</b> Vice Chancellor Rani Lakshmi Bai Central Agricultural University Jhansi, Uttar Pradesh
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**CO-PATRONS**

 <b>Shri Pandhari Yadav</b> Director General Council of Science & Technology, Uttar Pradesh	 <b>Dr. Bijendra Singh</b> Vice-Chancellor Acharya Narendra Deva University of Agriculture and Technology Ayodhya, Uttar Pradesh	 <b>Prof. Javed Musarrat</b> Vice-Chancellor Integral University	 <b>Dr. Krishna Kumar Singh</b> Vice-Chancellor Sardar Vallabhbhai Patel University of Agriculture and Technology Meerut, Uttar Pradesh	 <b>Prof. S.V.S. Raju</b> Vice-Chancellor Banda University of Agriculture and Technology Banda, Uttar Pradesh
 <b>Sri Ravinder</b> Principal Secretary Agriculture, Agriculture Education & Research Government of Uttar Pradesh	 <b>Shri. B. Prabhakar</b> Secretary U.P. State Biodiversity Board Uttar Pradesh	 <b>Dr. Hari Om</b> Principal Secretary Vocational Education & Skill Development Department, Government of Uttar Pradesh	 <b>Dr. Pankaj Tripathi</b> Director Agriculture Agriculture Directorate Uttar Pradesh	 <b>Shri Bhanu Prakash Ram</b> Director Horticulture and Food Processing Department Uttar Pradesh
 <b>Shri Indra Vikram Singh, IAS</b> Director State Agricultural Produce Markets Board/Kisan Mandi Bhawan, Lucknow	 <b>Dr. M. J. Khan</b> Chairman Emeritus Indian Council of Food and Agriculture (ICFA), New Delhi	 <b>Dr. Pasha Patel</b> Chairman Maharashtra State Agricultural Council Maharashtra	 <b>Prof. Furqan Qamar</b> Chief Advisor to the Chancellor Integral University	 <b>Shri Anurag Yadav (IAS)</b> Principal Secretary I.T. and Electronics Department Government of Uttar Pradesh


**ORGANIZING CHAIRMAN**

 <b>Dr. Sanjay Singh</b> Director General Uttar Pradesh Council of Agricultural Research Government of Uttar Pradesh
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**CONVENER**

 <b>Prof. Mohd. Haris Siddiqui</b> Director, IIAST Integral University
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**ORGANIZING SECRETARY**

 <b>Prof. Saba Siddiqui</b> Head, Department of Agriculture, IIAST Integral University	 <b>Prof. Alvina Farooqui</b> Head, Department of Bioengineering Integral University
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**CO-ORGANIZING SECRETARY**

 <b>Prof. (Dr.) C. John Wesley</b> Additional Registrar, Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj, Uttar Pradesh	 <b>Prof. (Dr.) Mohd. Faisal</b> Head, Department of Computer Application Integral University	 <b>Dr. Mohd. Atif Siddiqui</b> Head, Department of Electrical Engineering Integral University	 <b>Dr. Shish Ahmad</b> Head, Department of Computer Science & Engineering, Integral University
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## REGISTRATION

International Congress is open only for the registered participants / delegates. Registration fee includes conference kit, access to technical sessions, breakfast and lunch. Hybrid mode participants will have the full access of the conference virtually, E-Abstract Book and program and E-Certificate for Presentation and Participation. Research Scholars/Students are required to produce a valid identity card/certificate from their Supervisor/Institute for availing the research scholar/student discount. Registration fees details for various categories of participants are presented below:

Categories of Participants	Early Bird Registration (Before or on 20/12/2025)	Registration from 21/12/2025	On Spot Registration (on 22/12/2025)	Hybrid Mode Registration
Delegates/Faculty/Scientist/Industry Person	Rs. 3000/-	Rs. 3500/-	Rs. 4000/-	Rs. 2000/-
Students	Rs. 1500/-	Rs. 1750/-	Rs. 2000/-	Rs. 1000/-
Farmers	Rs. 750/-	Rs. 900/-	Rs. 1000/-	-

For accommodation visit : <https://aiagri.iul.ac.in/>

## ABOUT THE INTERNATIONAL CONGRESS

Viksit Bharat 2047 envisions a developed India by its 100th year of independence. It aims for comprehensive growth and development across sectors. Artificial Intelligence in agriculture can drive this vision by transforming farming practices, boosting productivity, and ensuring sustainability. The congress aims to contribute and revolutionize Indian agriculture through technology and placing farmers and other agri-stakeholders at the forefront & aiming to provide them with the tools, knowledge, and innovations needed to thrive in a rapidly evolving agricultural landscape. Renowned agriculturists, scientists, industrialists will share their valuable knowledge and insights on leveraging technology to address agricultural challenges. The two-day programme features different sessions covering various aspects of AI and robotics in agriculture, including climate-resilient farming, predictive agriculture, biotechnology innovations, biodiversity, livestock management, urban agriculture, and agri-supply chains.

## CALL FOR PAPERS

The extended abstracts based on original researches/reviews/success stories/etc. may be submitted through e-mail or CD formatting on MS word (font-Times New Roman, 12 Points, line spacing 1.5), with 2.5 cm left and 2.5 cm right, top and bottom margins. The abstract should not exceed more than 300 words and should have the title in bold and capital letters, followed by the name of the author(s) and their affiliation(s) including the email ID of corresponding author(s). The text of the full length research paper should contain a brief Introduction, Materials and Methods, Results and Discussion, data tables, figures/photographs and relevant references in 12 points. All accepted abstracts will be published in souvenir and full length papers in the conference proceedings. Each abstract/full length paper shall identify the thematic area at the top best describing the area of the presentation. There will be three types of presentations. Selected best papers may be published in reputed NAAS rated, Scopus and SCI indexed journals.

**Lead Presentations:** Eminent scientists will be invited to deliver lead lectures on topics related to various themes of the conference. Lead speakers will send the full length papers along with self-contained abstracts in the beginning itself latest by **08 December, 2025**.

**Oral Papers:** Accepted papers based on merit and importance will be selected for oral presentation in technical sessions of concerned thematic area. The full length papers along with the abstract should be send latest by **08 December, 2025**.

**Poster Presentations:** The authors of other accepted abstracts will be provided an opportunity to present their papers in the poster session concurrent to the concerned sessions on the given time. All posters should be in English. Size should be 121.9 x 91.4 cm in portrait format (not landscape). Title of the abstract should be used in the poster without any deviation. Include the name of author(s)/organization and contact information.

Two best poster/oral presentations of each session of the conference will be awarded. The last date of receiving abstracts is **08 December, 2025**.

## ADVERTISEMENT IN SOUVENIR

The Souvenir of the national conference which will contain messages from VIPs and articles from renowned scientist, policy makers, administrators and industry persons. Interested companies may contact the organizers to publish their advertisements. The rates for the advertisement publication are as follows:

Type	Charge, INR
Back page color	45000
Front Inner page color	35000
Back Inner page color	30000
Full color page	25000
Half color page	15000
Full B/W page	15000
Half B/W page	10000

## IMPORTANT DATES

Last Date of registration	:	20.12.2025
Last date of abstract submission	:	08.12.2025
Intimation of acceptance of abstracts	:	09.12.2025
Submission of full-length papers	:	08.12.2025

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