

Important Dates

Registration commences	15.09.2023
Last date of abstract submission	27.11.2023
Notification of abstract acceptance	10.12.2023
Submission of full length paper	15.01.2024

Registration & Abstract Submission Link:

<https://forms.gle/epBTauGYxisGnJ2Q9>

Link for Payment:

<https://events.vit.ac.in/>

Registration fee for the conference:

Category	INR*	US\$*
Student	1000/-	\$20
Faculty	3000/-	\$40
Industry	2500/-	\$30
FPO	1000/-	\$15

*GST Extra

The selected papers in the conference will be published in the Springer Lecture Notes (Scopus Index), Special Issue in MDPI Agriculture Journal (SCI), IOP Conference Series (Scopus)

CONTACT INFORMATION

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VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)



ICEISA 2024

1st International Conference on Emerging Innovations for Sustainable Agriculture

Leveraging the Potential of Digital Innovations by the Farmers, Agri-tech Startups and Agribusiness Enterprises in Agriculture 5.0

February 2 & 3, 2024

(Hybrid Mode)

Vellore Institute of Technology, Vellore, India



Organized By

Department of Agricultural Extension & Economics,
VIT School of Agricultural Innovations and
Advanced Learning (VAIAL),
Vellore Institute of Technology (VIT), Vellore
&

Department of Agricultural Extension & Rural Sociology,
Tamil Nadu Agricultural University (TNAU), Coimbatore

About VIT

Vellore Institute of Technology (VIT) was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. VIT attracts students from all the states of India and more than 53+ countries because of its academic excellence. VIT is the 9th best University, the 10th best research institution and the 12th best engineering institution in India (NIRF Ranking, Govt. of India 2022). It is ranked among the top 601-700 Universities of the world and one among the top 3 Institutions in India (Shanghai ARWU Ranking 2022). VIT received NAAC Accreditation with A++ grade (3.66 out of 4). It is ranked as the 173rd best institution in Asia (QS - Asia University Rankings 2023).

About VIT School of Agricultural Innovations and Advanced Learning (VAIAL)

VAIAL focus on the core activities of teaching, research and extension in agriculture. Besides, meeting the requirements of students, VAIAL satisfies the need-based location specific challenges of farmers through regular farmers' capacity development programmes in agriculture and allied sectors. Trainings are imparted for students to commercialise the innovative concepts in agriculture. The school houses excellent research infrastructure and well trained faculty members which makes it to be one among the excellent team of trained agricultural scientists in India that paves the pathway to become a forerunner in developing and demonstrating sustainable smart agriculture to combat the global challenges of next-generation farming.

About TNAU

TNAU had its genesis from the establishment of an Agricultural School at Saidapet, Madras, Tamil Nadu, in 1868 and it was later relocated at Coimbatore. The vision of TNAU is to promote science-based agriculture and allied processes in Tamil Nadu to help the farmers and agri-based industries to compete successfully in the national and international markets through its education, research, and out-reach programmes. The Indian Council of Agricultural Research (ICAR) conferred the Sardar Patel Outstanding Agricultural University Award-2021 to TNAU, Coimbatore, based on its performance in teaching, research and extension activities. At National level, NIRF has ranked TNAU fifth in the Agriculture and allied sector category.

The Department of Agricultural Extension, TNAU, Coimbatore was formed in 1971 and renamed as Department of Agricultural Extension and Rural Sociology in 1979. Since 1970, the department has produced 344 M.Sc. (Ag.) and 116 Ph.D. Scholars in Agricultural Extension. The Department has introduced e-Velanmai: An innovative extension approach and M Velanmai: An Artificial Intelligence-based Extension Advisory System to the farmers of Tamil Nadu.

Leveraging the Potential of Digital Innovations by the Farmers, Agri-tech Startups and Agribusiness Enterprises in Agriculture 5.0

About the Conference

Agriculture 5.0 is the next generation of agriculture that is characterized by the use of advanced technologies such as Artificial Intelligence (AI), Internet of Things (IoT), and Machine Learning to improve agricultural productivity, efficiency, and sustainability. Digital innovations are playing a key role in the transition to Agriculture 5.0, and agri-tech start-ups and agribusinesses are at the forefront of this innovation. Agriculture 5.0 builds on the foundations of previous agricultural revolutions, such as the Green Revolution, which used fertilizers and pesticides to increase crop yields. However, Agriculture 5.0 goes beyond simply increasing yields by using technology to make agriculture more efficient, sustainable, and resilient to climate change.

Theme 1: Agricultural Extension Services

Theme 2: Market Access & Financing Solutions

Theme 3: Supply Chain and Value Chain Management

Theme 4: Precision Farming

Theme 5: ML and AI in Agriculture

Theme 6: AR and VR in Agriculture

Theme 7: IoT and loRT in Agriculture

Theme 8: Smart Farming Equipment

Author Guidelines

- Working papers, Research papers, Review papers, Policy papers, Concept papers, Case studies, Success stories are invited from UG and PG students, Research scholars, Academicians, Industry experts for oral presentations in each of the eight thematic areas. The research paper must be based on original work of authors, which has not been published/presented in the same form elsewhere in print/electronic media.
- The abstracts should be in editable MS word format, Times New Roman, font size 12, 1.5 line spacing and should not exceed 300 words. After registration through the link, participants should transfer the fees through online mode followed by abstract submission.
- Acceptance of the abstract will be intimated through email only. The authors of the abstracts accepted for oral presentation will have to submit their full papers for including in the compendium. An author can make one oral presentation in ICEISA 2024, provided the abstract is recommended by the review committee, even if he/she might be the author in more than one paper.
- Registration is mandatory for the participation/presentation of papers.
- The proceedings of the ICEISA 2024 will be published with ISBN number and will be uploaded in the website. Guidelines for the preparation of abstracts and full papers will be available in the website: <https://vit.ac.in/ICEISA-2024/>. The registered participants are entitled to get certificate and compendium.
- The selected papers in the conference will be published in the Springer Lecture Notes (Scopus Index), Special Issue in MDPI Agriculture Journal (SCI), IOP Conference Series (Scopus).

Places to visit



Golden Temple Vellore
17 km



Vellore Fort
8.8 km



Yelagiri hills
97 km



Arunachaleswarar Temple, Tiruvannamalai
91 km



Kancheepuram
72 km

Accommodations nearby

- Vellore In
- Clouds Services Apartments
- Fortune Park Vellore
- Rangalaya Royal
- Hotel Benzz Park
- Kingsbury



Vellore Institute of Technology, vellore



Tamil Nadu Agricultural University, Coimbatore