



# MOTHER TERASA COLLEGE OF AGRICULTURE

(Affiliated to Tamil Nadu Agricultural University)



**22<sup>nd</sup> January, 2025**



**3<sup>rd</sup> International Conference on  
Empowering Agriculture for  
Sustainable Development**

**ICEA 2025**

**SDG Targets for Food and Environmental Stability**



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## About the Conference

In India, about 37% of the land is degraded or under threat of desertification; 96.4 million hectares of the geographical area have already fallen under its impact; the country loses approximately 5.3 billion tons of soil annually. On the other hand, this has led to deficiencies in essential nutrients and organic carbon in soil. Currently, around 200 million people in India are suffering from malnutrition, which generally contributes to poverty conditions, inadequate clean drinking water, and poor sanitation. This necessitates urgent needs toward sustainable land and resource management.

By 2030, the international community was supposed to work in unison through initiatives such as the United Nations' Sustainable Development Goals SDG 2, Zero Hunger, to combat some of the big challenges facing the globe. The governments and organizations around the world are adopting climate resilient agriculture for making the challenge of food security more feasible.

Sustainable agriculture is key to achieving the SDGs by promoting food security, economic growth, environmental sustainability, and social well-being. A variety of sustainable practices can help eradicate poverty (SDG 1) by creating rural jobs, end hunger (SDG 2) by boosting food production, and support health (SDG 3) through nutritious food. Additionally, these practices enhance clean water (SDG 6) and decent work (SDG 8), while responsible production (SDG 12) reduces environmental impacts. Agriculture contributes to climate action (SDG 13) with carbon sequestration and resilient crops, protects life below water (SDG 14) and on land (SDG 15), and thrives on partnerships (SDG 17) across sectors, building a resilient food system.

This conference aims to provide a platform to explore effective communication and knowledge-sharing strategies that advance sustainable agricultural growth aligned with the SDGs. The event will bring together 400-500 experts, including scientists, researchers, academicians, postdoctoral fellows and research scholars for discussing their findings on SDGs.



## About MTCA

**Mother Terasa College of Agriculture (MTCA), founded in 2017 and affiliated with Tamil Nadu Agricultural University, is strategically located in Illuppur near Viralimalai with convenient access via National Highway No. 38 from Trichy and Pudukkottai. Spread across 137 acres of diverse agricultural land, MTCA is equipped with modern facilities including smart classrooms, advanced laboratories, and a comprehensive library. With specializations in areas such as Crop Management, Crop Protection, and Horticulture, the college is committed to providing value-based agricultural education, fostering leadership qualities, and driving academic excellence through innovation and hands-on learning to support national agricultural goals and uplift farmers' livelihoods.**

## CONFERENCE THEMES

- ✓ **CLIMATE SUPPORTED SUSTAINABLE PRACTICES FOR GLOBAL FOOD SECURITY**
- ✓ **SOIL AND WATER CONSERVATION FOR SUSTAINABLE PRODUCTION**
- ✓ **CLIMATE-RESILIENT AND UNDERUTILIZED CROPS FOR SUSTAINABILITY**
- ✓ **PROTECTING BIODIVERSITY AND SUSTAINABLE CROP PROTECTION**
- ✓ **AI TECHNOLOGIES FOR CLIMATE SMART FARMING**
- ✓ **NUTRITIONAL FORTIFICATION WITH BIOTECHNOLOGICAL INNOVATIONS**

## Guidelines for abstract submission

Research abstracts (up to 250 words) should be formatted in Times New Roman, font size 12, with a line spacing of 1.5, using Microsoft Word. The corresponding author should be marked with an asterisk (\*) and include a complete mailing address. All authors should be listed. Registration is mandatory for the corresponding author for participation and presentation of the paper. The participants can upload their abstracts only through the registration link on or before 20.12.2024.

## Important Dates

Registration commences	20.11.2024
Last date for abstract submission	20.12.2024
Notification of abstract acceptance	21.12.2024

## Oral / Poster Presentation

Authors are requested specify their preference for an Oral or Poster presentation. The committee will determine the final suitability of papers for presentation. Participants are required to submit their PowerPoint file one day prior to the conference.

## e-Poster

The ePoster should present an extended summary of the research, highlighting the methodology, results, discussion, and relevant images. The presentation time is 5 minutes.

## Oral

The MS PowerPoint presentation should be limited to 10 slides, and the total presentation time must not exceed 10 minutes.



# ICEA 2025 – AWARDS

## Award

Participants who wish to apply for the award are required to register for the conference. During the registration process, participants must select their preferred award category through the provided registration link. The submitted CVs will then be reviewed by an expert panel, which will evaluate them against the established criteria to determine the most suitable award for each applicant. Only registered attendees will be considered eligible for the awards, ensuring their active engagement in the event.



**MOTHER TERASA WOMEN SCIENTIST AWARD**



**DR. RATTAN LAL AWARD**



**DR. H.S. PRUTHI AWARD**



**DR. B.B. MUNDKAR AWARD**



**DR. B.P. PAL AWARD**



**YOUNG SCIENTIST AWARD**



**YOUNG WOMEN SCIENTIST AWARD**



**BEST YOUNG RESEARCHER AWARD**



**LIFE TIME ACHIEVEMENT AWARD**



## Registration & Abstract Submission link

<https://forms.gle/6aYJ9yYqxxvBticw59>



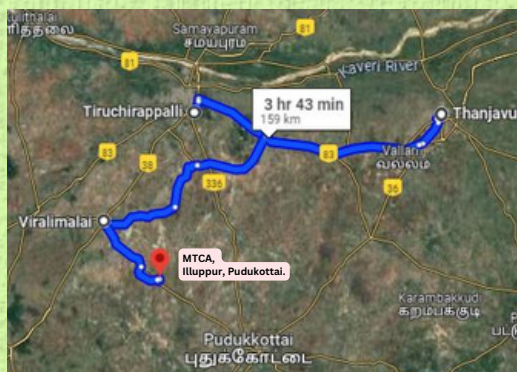
## Registration fees

Category	INR
Faculty/Academicians/SRF/RA/PDF	₹ 1000/-
Research Scholars	₹ 750/-
UG / PG Students	₹ 500/-
Award	₹ 1000/-

## Payment details

Account No.	036801000043715
Accountant Name	Mother Terasa College of Agriculture (Exam Fees)
IFSC Code	IOBA0000368

## Route Map



**MOTHER TERASA COLLEGE OF AGRICULTURE**  
mettusalai, iluppur, pudukkottai.

**MTCA is located near Iluppur in Pudukkottai District, Tamil Nadu. It is situated approximately 50 km from Tiruchirapalli (Trichy), 30 km from Pudukkottai, and around 80 km from Thanjavur. The college is easily accessible by road from these nearby towns, making it well-connected to key locations in the region.**

## For more information

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