



**APRIL 19' 2K24**

**2<sup>nd</sup>  
International  
Conference  
ON MODERNIZED TECHNOLOGY FOR  
CLIMATE CHANGE IN AGRICULTURE**



**10.00 am- 05.00 pm**



**Conference Hall, MTCA**



**+91-8610141186, +91-9965120798**



**mtcaconference2024@gmail.com**

**HYBRID MODE  
ONLINE/OFFLINE**

## About the Conference

Globally, climate change profoundly affects agriculture, posing unique challenges for countries like India with a large population heavily dependent on farming. India's agricultural vulnerability is heightened due to rainfed areas, limited irrigation and a 0.6°C temperature increase over the past century, amplifying threats to food security. Certain Indian regions already exhibit signs of rising temperatures, water stress and reduced rainy days impacting wheat and paddy output. Unmitigated, long-term climate change poses a severe threat to the livelihood security of the poor. Urgent measures are necessary to address these challenges, particularly for vulnerable small and marginal farmers lacking resources. Safeguarding marginalized individuals in India entails adopting climate-smart farming techniques, modernized technology, weather-based crop insurance and fostering convergence in financial resources and technical knowledge.

In response to these pressing issues, Mother Terasa College of Agriculture (MTCA) is organizing an 'International Conference on Modernized Technology for Climate Change in Agriculture' (ICMTCA) on April 19, 2024. This event aims to facilitate discussions among eminent researchers, scientists, practitioners and academics on the latest techniques, initiatives and regulations related to climate change adaptation in agriculture. The conference will delve into the challenges faced by small and marginal farmers and propose remedies, fostering networking and publishing opportunities. Contributions, including case studies, success stories, review papers, and working papers aligned with the conference themes, are welcome.



**The Climate is Changing, so Should We !**

For any inquiries please contact:

+91-8610141186, +91-9965120798

mtcaconference2024@gmail.com

<https://motherterasaagricollege/conference-2024>



## MTCA

Established in 2017, Mother Terasa College of Agriculture (MTCA), an affiliate of Tamil Nadu Agricultural University, is strategically located in Illuppur near Viralimalai. With easy access from Trichy and Pudukkottai via National Highway No. 38, the college spans 137 acres with diverse agricultural lands. MTCA is equipped with modern facilities, including smart classrooms, well-equipped laboratories and a comprehensive library. Specializing in areas like Crop Management, Crop Protection, Horticulture and more, the college envisions providing value-based education in professional farming, instilling leadership qualities in students. Its mission focuses on academic excellence through innovation, creativity, and experiential learning, contributing to national agricultural goals and farmers' income growth.

## AIASA

The All-India Agricultural Student Association (AIASA) is a registered professional organization for current and former students in Agriculture, Veterinary, Dairy, Horticulture, and allied sciences, established on May 10, 2011. Formally launched during the All India Convention on Agricultural Administrative Reforms, the association aims to bridge the gap between technical experts and bureaucracy in the agricultural sector. Registered under the Societies Registration Act, 1860, with national jurisdiction, AIASA envisions a collaborative platform where experts and bureaucrats work together to apply science in agriculture policy-making.

## Journal of Innovative Agriculture

The Journal of Innovative Agriculture (eISSN: 2394-5389) is an international, peer-reviewed journal that publishes high-quality research across a broad spectrum of topics in Agriculture and allied sciences. It covers diverse areas, including Agronomy, Agri-Business Management, Agricultural Chemistry, Agricultural Economics, Biotechnology, Climate Change, Environmental Sciences, Genetics, Horticulture, Microbiology, Plant Pathology, Veterinary Science, and more. The journal aims to showcase the latest advancements and contributions from the scientific community in these fields. The journal had NAAS Rate: 4.05, h - index = 6, i10 - index = 2 & DOI : Prefix - 10.37446.

Further details click : <https://www.cornous.com/journal/journal-of-innovative-agriculture>

**ICMTCA 19th April 2024**

**MOTHER TERASA COLLEGE OF AGRICULTURE**

**ALL INDIA AGRICULTURAL STUDENT ASSOCIATION**

**JOURNAL OF INNOVATIVE AGRICULTURE**

**TRANSFORMING THE FARM EDUCATION!**



## Call for Abstracts

Papers for oral and poster presentations related to the conference themes are invited. Abstracts for unpublished research (up to 150 words) should be formatted in Times New Roman, font size 12, with a line spacing of 1.5, using Microsoft Word. Ensure corresponding authors are marked with an asterisk (\*) and provide their complete mailing address, while authors should be mentioned. The soft copy of the abstract may be sent to the Conference Coordinator through email-id: [mtcaconference2024@gmail.com](mailto:mtcaconference2024@gmail.com) on or before 10.03.2024.

## Guidelines for Poster & Oral

### Poster

The poster dimensions must be 100 cm x 100 cm, created in PowerPoint and presented digitally. Please submit the PowerPoint file one day before the conference. Ensure a clear and bold title, with attention to image and table clarity. Underline the presenting author's name. Presentation certificates will be issued exclusively to the presenting author.

### Oral

MS PowerPoint slides should be limited to 10. The entire presentation should not exceed 10 minutes. Participants are required to submit their PowerPoint file one day before the conference.

**The submitted abstract will be selected for oral / poster by the organizing committee and will be intimated via E-mail**

## GLIMPSES OF OUR PREVIOUS CONFERENCE



**MOTHER TERESA COLLEGE OF AGRICULTURE  
METTUSALAI, ILLUPPUR, PUDUKKOTTAI.**

**Papers are invited on the listed themes**

## **CONFERENCE THEMES**

### **Theme 1: Crop Management**

**Modernized Agricultural Practices and Sustainable Crop Production**

**1**

**2**

### **Theme 2: Crop Improvement**

**Fast-Tracking Genetic Solutions for Climate Resilient Agriculture**

### **Theme 3: Crop Protection**

**Climate- Smart Pest and Diseases Management in Sustainable Agriculture**

**3**

**4**

### **Theme 4: Social Sciences**

**Climate Risk Management in Agriculture and Resilient Economy**

### **Theme 5: Horticulture & Agricultural Engineering**

**Climate - Smart Horticultural Production and Post Harvest Management**

**5**

# Conference Awards and Honors

The Institute has pioneered several awards to motivate and enhance the spirit of the talented ones in the field of research and education. Interested persons are requested to submit the soft copy of their bio-data through [mtcaconference2024@gmail.com](mailto:mtcaconference2024@gmail.com) to the conference Co-ordinator on or before 15-03-2024. The selection of the awards is considered mainly on the basis of merit. The details of awards be conferred during the conference are:



Young Scientist Award	Dr.T.S.Venkatraman Award (Agronomy)
Mother Terasa Women Scientist Award	Dr. Rattan Lal Award (Soil Science)
Young Women Scientist Award	Dr. M.S. Swaminathan Award (Plant Breeding)
Dr.APJ Abdul Kalam Best Teacher Award	Dr. H.S. Pruthi Award (Entomology)
Excellence Teaching Award	Dr. B.B. Mundkar Award (Plant Pathology)
Outstanding/Best M.Sc./ Ph.D. Thesis Award	Scientist of the Year Award
Outstanding Student Award	Life Time Achievement Award

Route Map

MTCA



CLICK  
HERE



MOTHER TERASA COLLEGE OF  
AGRICULTURE  
METTUSALAI, ILUPPUR, PUDUKKOTTAI.



+91-8610141186, +91-9965120798



[mtcaconference2024@gmail.com](mailto:mtcaconference2024@gmail.com)

# Registration Fee

## National

## International

UG /JRF

500/-

50\$

Research Scholars  
(PG, Ph.D., / SRF, RA & PDF)

1000/-

80\$

Faculty / Academicians /  
Scientists

1500/-

100\$

Industry / NGO / FPO

2000/-

120\$

## Accommodation

Accommodation will be offered on a paid basis to delegates upon advance request. These facilities are available at the Guest House of MTGI, Iluppur and in the vicinity of Pudukkottai District near the conference venue. Spot accommodation will not be available during the conference, so it is essential to confirm your accommodation by or before March 30, 2024. Delegates who fail to do so must make their own accommodation arrangements and cover the associated charges.

[Click here to register](https://docs.google.com/forms/d/1BsMVkk_wLWanV1EbJYW2uMEG9LYIQaB_5cYVznxxrEM)



[https://docs.google.com/forms/d/1BsMVkk\\_wLWanV1EbJYW2uMEG9LYIQaB\\_5cYVznxxrEM](https://docs.google.com/forms/d/1BsMVkk_wLWanV1EbJYW2uMEG9LYIQaB_5cYVznxxrEM)



### Key dates to remember

Last date for receipt of abstracts/papers	10.03.2024
Last date for receipt of CV / Thesis for different awards	15.03.2024
Last date for receipt of full-length papers	20.03.2024
Confirmation of participation and intent for accommodation required	30.03.2024

## ICMTCA

QR Code



036801000046670@IOBA000036.ifsc.npci

Scan and pay with any BHIM UPI app



## BANK DETAILS

Account No:

036801000046670

IFSC Code:

IOBA0000368

Contact for any enquiry:  
**+91-8610141186, +91-9965120798**  
**mtcaconference2024@gmail.com**





# Conference committee

## Chief Patrons

Dr. R. Chinnathambi, Founder, MTGI.

## Patrons

Dr. R.C. Uthayakumar, Chairman, MTGI.

Dr. T. Poongundran, Director, MTGI.

Dr. Sahadeva Singh, Chief Policy Adviser,  
AIASA, New Delhi.

## Chair Person

Dr. A. Ramachandran, Principal (i/c), MTCA.

## Organizing Secretaries

Dr. S. Ponmani, AP (ENS).

Dr. B. Ramya, AP (PBG).

Dr. D. Udhaya Nandhini, AP (AGR).

Dr. R. Selvam, AP (SS & AC).

Dr. R. Surega, AP (ANM).

Dr. K. Subash Chandra Bose, AP (SS & AC).

Dr. G. Kalaiyarasi, AP (SST).

Dr. K. Buvaneswari, AP (AEC).

Mr. B. Sathiyaraja, AP (COM).

Ms. S. Brinly Sasitha, AP (AEX).

Ms. T. Shalini, AP (HOR).

Er. V. Thulasima, AP (Agrl.Engg.).

## Co-Organizing Secretaries

Dr. R. Vinoth, National Secretary (NAEC), AIASA

Dr. T. Sankar, State Advisory, TNAIASA

Dr. G. Selvakumar, Publishing Partner, JIA

Mr. T. Tarun Kshatriya, State President, TNAIASA

## Executive Committee

Dr. T. Sivasakthi, AP (FSN).

Dr. C. Vengatesan, AP (AGR).

Dr. Johnny Subakar Ivin, AP (ABT).

Dr. M. Veeraragavan, AP (BIC).

Dr. E. Gayathri, AP (AEC).

Dr. R. Divya, AP (AEN).

Mr. J. Naveen Iruthayam, AP (PAT).

Mrs. R. Sugeshwari, AP (PAT).

Ms. R. Kavitha, AP (AEX).

Mr. P. Manoprasad, AP (GIS).

Mr. P. Ravichandran, AP (AGR).

Mr. G. Ravishankar, AP (AEN).

Ms. B. Sowndarya, AP (CRP).

Er. K. Naveena, AP (Agrl.Engg.).

Mr. S. Suresh Kumar, AP (ENG).

Ms. S. Jeyapriya, AP (PED).

Dr. A. Arun, National Secretary (NACC), AIASA.

Dr. D. Balu, Chairman, (NATC), AIASA.

Dr. E. Jalapathi, Vice Chairperson (South Zone), AIASA.

Ms. S. Gayathri, State Treasurer, TNAIASA.

Mr. B. Moganapathi, State Coordinator, TNAIASA.

## Organizing Committee

Mrs. N. Maiyammai, AO, MTCA.

Ms. D. Menaka Priya.

Ms. M. Praveena.

Ms. M. Meharaj Nisha.

Ms. M. Priya.

Ms. K. Vijayasanthi.

Ms. T. Apoorva.

Mr. M. Santhosh.

Ms. E. Divya.

**ICMTCA - 19<sup>th</sup> APRIL, 2024**

**MOTHER TERESA COLLEGE OF AGRICULTURE**

**AIASA & JIA**



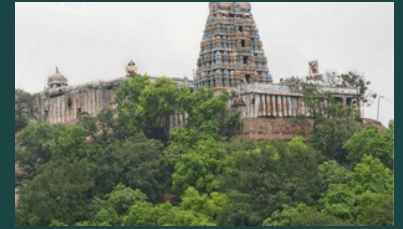
# VISITING PLACES



Thirumayam Fort



Chithannavasal



Viralimalai



Narthamalai



Kunnandarkoil Cave



Tiruchirappalli Rock Fort



St John's Church -  
1812, Trichy



Srirangam



Kattubhava Pallivasal



St. Joseph's  
Church - 1792,  
Trichy



Kallanai



Mukkombu Dam

## FURTHER DETAILS CONTACT

Dr. A . RAMACHANDRAN  
Principal (i/c)  
Mother Terasa College of Agriculture  
Mettusalai, Iluppur, Pudukkottai.  
+91-8610141186

Dr. S. PONMANI  
Assistant Professor, Dep. of ENS.  
Mother Terasa College of Agriculture  
Mettusalai, Iluppur, Pudukkottai  
+91-9965120798

**MOTHER TERASA COLLEGE OF AGRICULTURE  
METTUSALAI, ILLUPPUR, PUDUKKOTTAI.**