



UNIVERSITY
of GUELPH
Canada

TN APEX
Tamil Nadu Agri Processing and Exports

International Conference on **Sustainable Food - Water - Energy - Mechanization - Nexus and Whole Grain**



27 - 28th January, 2025



**Agricultural Engineering College and Research Institute,
Tamil Nadu Agricultural University, Kumulur - 621 712
Tiruchirappalli District, Tamil Nadu, India**

How to reach



About the Conference

Sustainable Food – Water – Energy – Mechanization – Nexus and Whole Grain, the International Conference is organized at the Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Kumulur, Trichy District, Tamil Nadu, India in collaboration with National Institute of Food Technology, Entrepreneurship and Management, Thanjavur, Tamil Nadu, India and University of Guelph, Canada to bring together the technocrats and empowering to build a scientific network on sharing recent advancements in Agricultural Engineering and Allied Sciences.

Agricultural Engineering College and Research Institute, Kumulur, established in 1992, a constituent college of Tamil Nadu Agricultural University is offering B.Tech. and Diploma in Agricultural Engineering to produce technocrats towards the challenges of population explosion, labour shortage, ethnic energy crisis, food and fuel shortages, intensive resource inventory towards alleviation of poverty and environmental stress. This campus has an area of 282.73 acres of experimental farm, with infrastructural facilities for academic, co-curricular and extra-curricular activities. This institute supports M.Tech and Ph.D students to carry out the research works in various domains of Agricultural Engineering.





National Institute of Food Technology, Entrepreneurship and Management - Thanjavur (NIFTEM-T), is an Educational Institution under the Ministry of Food Processing Industries, Government of India. With INI status, the institute is pioneer in academic, state of the art facilities in research and with strong incubation facilities for the benefit of the Food Processing Sectors.



Dr. K. Alagusundaram
MD & CEO
TNAPEX, Chennai

Dr. K. Alagusundaram leads with great initiatives in Tamil Nadu Food Processing and Agri Export Promotion Corporation (TNAPEX) to empower farmers, rural youth, women, agri-entrepreneurs, MSMEs and food business operators by promoting value addition, quality excellence and export competitiveness. He also served as Deputy Director General (DDG) of Agricultural Engineering at the Indian Council of Agricultural Research (ICAR). His efforts aimed to modernize agriculture, enhance food security and promote sustainable practices.

The University of Guelph, Canada is a Research-intensive and learner-centred university. The University is known for excellence in the arts and sciences and for the commitment to developing exceptional thinkers. The students, faculty and staff pursue active inquiry and exercise creativity across a range of disciplines - physical and life sciences, arts and humanities, social sciences, business, agricultural and veterinary sciences.



The conference mainly focuses on “Sustainable Food - Water - Energy Mechanization - Nexus and Whole Grain” with the following themes:

Themes

- **Agro Machinery: Design and Development**
- **Soil and Water Conservation Engineering Techniques in Agriculture**
- **Food, Value addition, Storage & Post harvest Technologies**
- **Renewable Energy & Bio Technology in Agriculture**
- **Automation, AI, IoT and Robotics in Digital Agriculture**
- **Urban Horticulture and Landscape**
- **Sustainable Agriculture, Climate resilient and Precision farming**
- **Food Sciences and Dairy Technology**
- **Entrepreneurship in Emerging Markets: Challenges and Opportunities**

Research papers, Policy papers, Case studies and Success stories are invited from Research scholars, Academicians and Industrial experts for oral/poster presentations. 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, line spacing 1.5 and should not exceed 300 words. Each abstract is followed by maximum of 5 key words. Registration and payment are mandatory for the Participation/Presentation of papers. After registration through link, participants should transfer the fees through online mode followed by abstract submission.

Acceptance of the abstract will be intimated through email only (**confokumulur2k25@gmail.com**). The authors of the abstracts accepted for oral and poster presentation will have to submit their full-length papers on or before the specified date. The selected papers will be published as book chapters with ISBN.

Poster Presentation

A single PPTX slide may be converted to PDF that will be clearly visible and presented as poster in person in the respective sessions. Recommended Poster size is 3'x 2'.



Important Dates

Registration commences	06.11.2024
Last date of abstract submission	26.12.2024
Notification of abstract acceptance	02.01.2025
Submission of full-length paper	10.01.2025

Registration

Category	Early Bird registration till 10.01.2025	On spot Registration (27.01.2025)
International Delegates	USD 100	USD 100
National delegates /Scientist	INR 2000	INR 2500
TA/RA/SRF/JRF/ Students (PG/Ph.D)	INR 750	INR 1250
UG students	INR 500	INR 750
Industrial persons	INR 3000	INR 3500

Registration (Please click the link: <https://forms.gle/ViArUyxQF77YvXt27>)

Account details

Name : The Dean, AEC & RI, Kumulur
Account No. : 1374010000000001
IFSC code : IOBA0001374
MICR Code : 620020517
Name of the Bank : Indian Overseas Bank, Poovalur

Scan for payment



Awards and Recognition

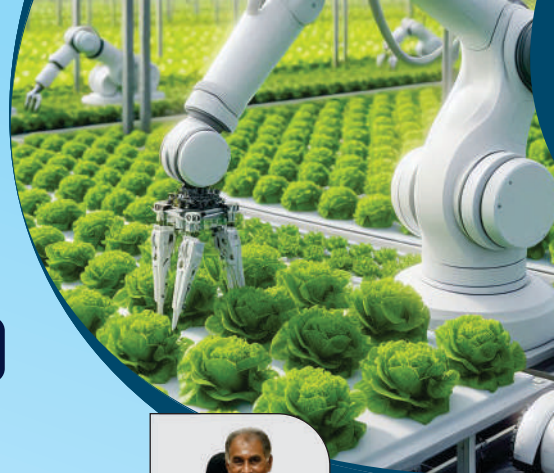
Awards and certificate of appreciation will be given to the impressive presentation of papers and posters in each thematic area.

Accommodation

Accommodation will be provided at the College guest house on payment mode based on availability. Additional accommodation can also be arranged in hotels (starting from INR 2000 per day). Provided in <https://tnau.ac.in/site/aecri-kumulur/>



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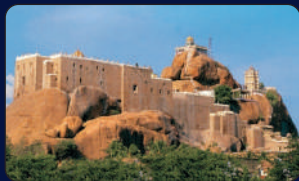
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Places to Visit...

28KM



ROCK FORT

- Located on the hilltop, this 7th century temple is dedicated to Lord Ganesha.
- The rock is believed to be one of the world's oldest rock formations

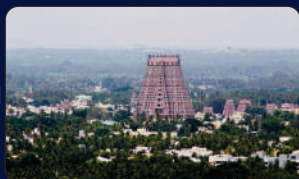
35KM



KALLANAIDAM

- Kallanai is an ancient dam built by Karikala of Chola dynasty in 150 CE.
- Kallanai Dam is the fourth oldest dam in the world, and first in India

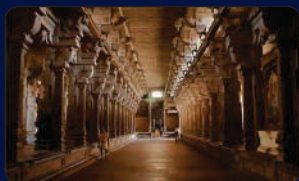
24KM



SRIRANGAM

- The temple is said to be the largest temple in India with the largest religious complexes in the world.
- Built-in the Dravidian architecture style, the temple has 108 deities displaying different forms of Vishnu.

23KM



THIRUVANAIKOVIL

- In the very famous Thiruvanaikoil temple, you can see incredible architecture and designs.
- The temple is aligned to the north-south and east-west axis, on an island surrounded by the Kaveri River.



Further Contact Details

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