

37TH KERALA SCIENCE CONGRESS

7 - 10 February 2025
Kerala Agricultural University, Thrissur



TECHNOLOGY
TRANSFORMATION
FOR A GREEN FUTURE



सत्यमेव जयते



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The Kerala Science Congress (KSC), established in 1989 by the Science Technology & Environment Committee (STEC), is an annual event that brings together scientists and technologists from Kerala and beyond. Its primary goal is to foster scientific thinking among the youth and serve as a platform for scientific dialogue, debate, and knowledge sharing. Over the years, it has evolved into a prominent gathering of the scientific community, facilitating the exchange of ideas and promoting advancements in science within the state. The upcoming 37th edition will be organized by KSCSTE, with coordination by KSCSTE-Kerala Forest Research Institute (KFRI) and Kerala Agricultural University, Thrissur, and will be held at Kerala Agricultural University (KAU), Thrissur.

Focal Theme: Technology Transformation for a Green Future

Technology Transformation for a Green Future highlights the critical importance of sharing and implementing sustainable technologies to address the urgent environmental challenges of our time. As the world grapples with climate change, resource depletion, and pollution, the transfer of green technologies across borders and industries is vital for achieving sustainable development goals. This theme calls for robust collaboration among governments, research institutions, private sectors, and communities to facilitate the adoption of eco-friendly innovations.

Key areas of focus include the dissemination of clean energy solutions, such as solar and wind power, advanced waste management systems that promote recycling and circular economies, sustainable agricultural practices that enhance food security while preserving ecosystems, and green manufacturing technologies that reduce emissions and resource use. By fostering these exchanges, we can drive economic growth, create green jobs, and improve quality of life while protecting the planet. Ultimately, technology transfer is a powerful tool for building a resilient, sustainable, and equitable future for all.

Venue and Date

The 37th Kerala Science Congress will be held during 7-10 February 2025 at Kerala Agricultural University, Thrissur. A Science Expo will start from 7 February 2024 at Kerala Agricultural University, Thrissur and the 37th KSC will be inaugurated by the Hon'ble Chief Minister of the State on 8th February 2025.

Thrissur

Thrissur, often referred to as the “Cultural Capital of Kerala,” is a vibrant city known for its rich heritage, history, and traditions. Located in central Kerala, Thrissur is a hub for cultural, spiritual, and artistic activities. It is home to the famous Thrissur Pooram, one of the grandest temple festivals in India, which showcases an extraordinary display of caparisoned elephants, traditional music, and fireworks. The city is also a center for learning and education, housing institutions such as Kerala Agricultural University and KSCSTE-KFRI. Thrissur boasts several historical and religious landmarks, including the Vadakkumnathan Temple, the Basilica of Our Lady of Dolours, Cheraman Juma Masjid which is the first mosque built in India attracting both pilgrims and tourists. With its blend of tradition and modernity, Thrissur plays a pivotal role in shaping the cultural and intellectual landscape of Kerala.

Kerala Agricultural University

The history of agricultural education in Kerala began in 1896 with the establishment of a training program in scientific agriculture at the Demonstration Farm in Thiruvananthapuram. In 1922, Agriculture was introduced as an optional subject in middle schools, starting with a school in Aluva. The Agricultural College and Research Institute at Vellayani and the College of Veterinary and Animal Sciences at Mannuthy were established in 1955, and both were affiliated with the University of Kerala after Kerala's formation in 1956. In 1971, Kerala Agricultural University (KAU) was founded as the 15th State Agricultural University in India, bringing several colleges and research stations under its administration. KAU was later divided into Kerala Agricultural University, Kerala Veterinary and Animal Sciences University (KVASU), and Kerala University of Fisheries and Ocean Studies (KUFOS) in 2011. Today, KAU operates several colleges, research stations, and extension units focused on agriculture, engineering, and forestry, contributing to sustainable agricultural development and farmer welfare.

Kerala Agricultural University aims to boost Kerala's economy by advancing sustainable agricultural development through human resources, skills, and technology for crop production and forestry. To achieve this, the university will leverage natural resources and enhance competitiveness with targeted strategies and investments.

National Science Expo

The 37th Kerala Science Congress begins with the opening of science expo. The presence of several pavilions from national institutes, R & D institutes and start-ups will be the hallmark of this event. The Science Expo will be held during 7-10 February 2025.





Technical Session and Subject Areas

The 37th Kerala Science Congress invites Papers and Posters in the following 13 subject areas. Papers submitted in the subject areas also should attempt directly or indirectly for addressing the focal theme of the event.

Agriculture & Food Sciences • Biotechnology • Chemical Sciences • Earth and Planetary Sciences • Engineering & Technology • Environmental Sciences • Forestry & Wildlife • Fisheries & Veterinary Sciences • Health Sciences • Life Sciences • Physical Sciences • Mathematical & Statistical Sciences • Scientific Social Responsibility

PG Students Interactive Session

KSC will have a dedicated session wherein post graduate students get an opportunity to interact with eminent scientists in various field. PG students are invited to register online for participating the event.

Memorial Lectures

KSCSTE has instituted Memorial Lectures to honour the S&T visionaries to cherish their contributions. Dr. P. K. Iyengar, P. T. Bhaskara Panicker, Dr. P. K. Gopalakrishnan, Dr. P. R. Pisharoty, Dr. G. N. Ramachandran, Dr. E.K. Janaki Ammal, Dr. Thanu Padmanabhan, Dr. M.S. Swaminathan and Dr. M.S. Valiathan are the distinguished scientists of the past whose contributions will be honoured reminiscently during the lectures, by the eminent speakers.

Best Oral and Poster Presentation Awards

Papers are invited under one of the following four categories: (a) Best Student's Oral Presentation Award (b) Best Scientist's Oral Presentation Award (c) Best Student's Poster presentation Award (d) Best Scientist's Poster presentation Award. The award carries a Certificate of Merit. Starting from 37th KSC the best paper in the student categories will be awarded a cash prize of Rs. 5000/-.

Walk with Scientist

A special opportunity for school students to walk with famous scientists / erudite and get inspired in science by opening the mind through morning walks in the nature. Students in the group (selected 8-10 school students) can lead the discussions and clarify many doubts and questions. The session will be helpful for students in overcoming their inhibitions in questioning, generate curiosity, sharpen skills, develop scientific temper and focus in science for future.

SciSol

A unique programme to spot challenging local problems and propose scientific solutions. Youth between 15-25 years of age can participate and identify local problems pertaining to Thrissur District and suggest possible S&T solution. Cash Awards and Prizes will be given for the Best Scientific Solution.

Startup Conclave

The 37th Kerala Science Congress will feature an exciting Startup Conclave, bringing together innovators, entrepreneurs, and thought leaders. This platform aims to foster collaboration, showcase groundbreaking innovations, and inspire the next generation of startups in the science and technology sectors through experience sharing.

Proceedings of the Congress

Abstracts of accepted papers shall be uploaded to the Science Congress website as Proceedings of 37th KSC which can be downloaded after the proceedings are officially released.

Language

Official language of Kerala Science Congress will be English. All paper submissions should be in English. However, contributors are free to present their paper in English or Malayalam in the subject area.

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Registration fee

Scientist/Academic Delegates/Participants: Rs. 3000/-
(Late Registration Fee Rs. 3,500/-)

Bonafide Student Delegate: Rs. 1000/-

Accommodation

Scientist/Academic Delegates/participants: They can choose hotels available at subsidised rate for KSC Delegates. Information about hotels will be available in KSC website. These Delegates shall pay accommodation charges directly.

Bonafide Student Delegate: Concessional accommodation will be arranged on payment of Rs. 500/-.

Dates to remember

15 Sep – 31 Oct 2024

Early registration and submission of extended abstracts by contributors

1 Nov – 30 Nov 2024

Late Registration and submission of extended abstracts by contributors

10 Dec 2024

PG Registration

15 December 2024

Final Date for Participation Registration

20 January 2025

Intimation of acceptance of papers

President

Prof. K.P. Sudheer

Executive Vice President | KSCSTE
37th Kerala Science Congress

Chairman

Prof. M.K. Jayaraj

Former Vice Chancellor | University of Calicut
37th Kerala Science Congress

General Convener

Prof. A Sabu

Member Secretary | KSCSTE
37th Kerala Science Congress

Convener, Organising Committee

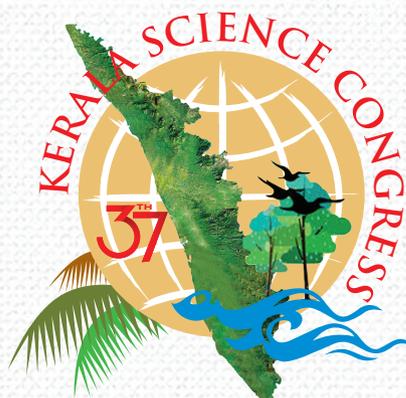
Dr Kannan C.S. Warriar

Director | KSCSTE - Kerala Forest Research Institute

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