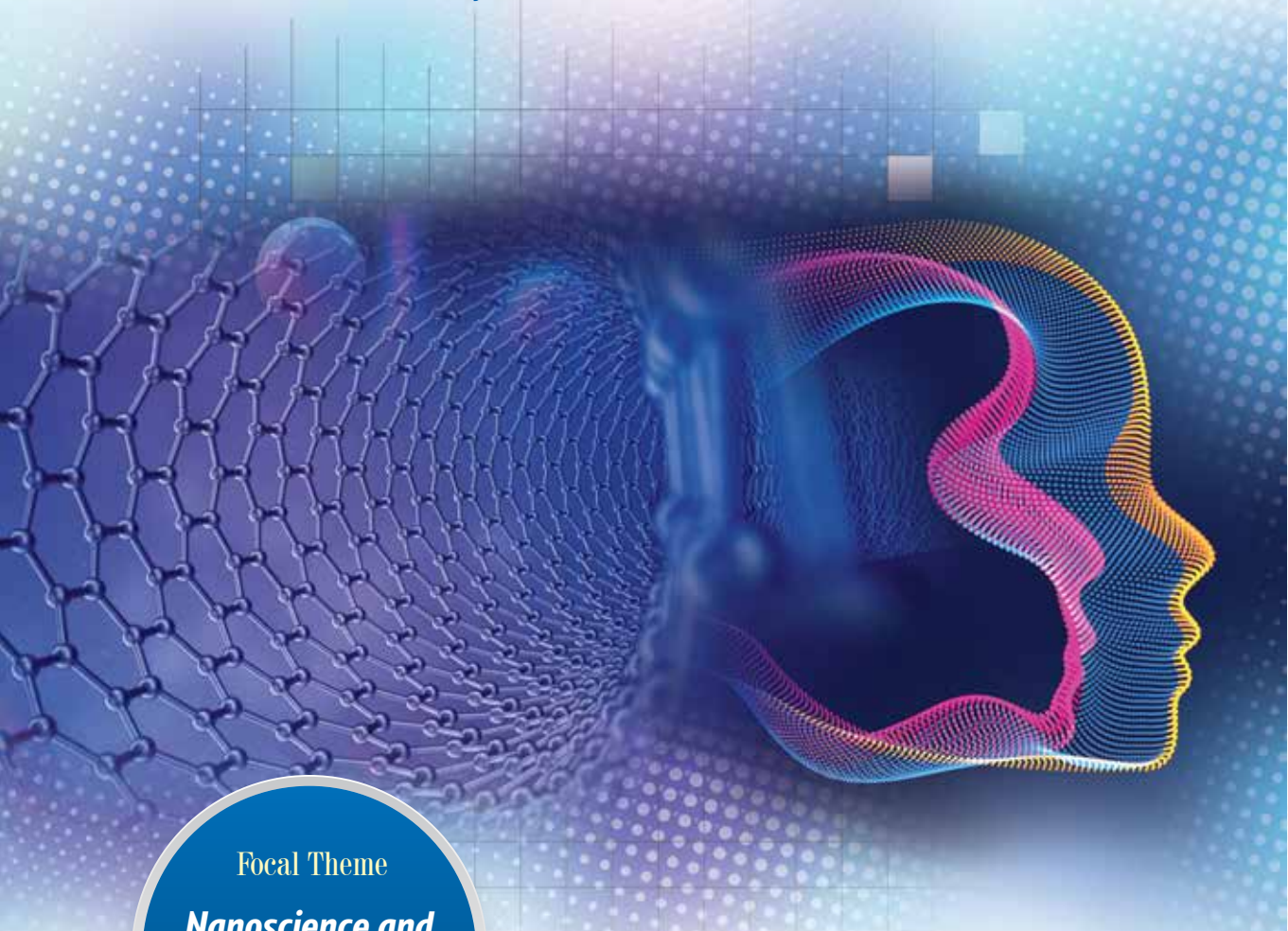
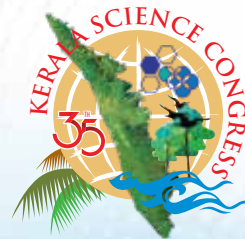


# 35<sup>TH</sup> KERALA SCIENCE CONGRESS

25-29 January 2023

50 YEARS  
GOLDEN  
JUBILEE  
CELEBRATIONS OF  
SCIENCE AND TECHNOLOGY IN KERALA



Focal Theme

***Nanoscience and  
Nanotechnology for  
Human Welfare***

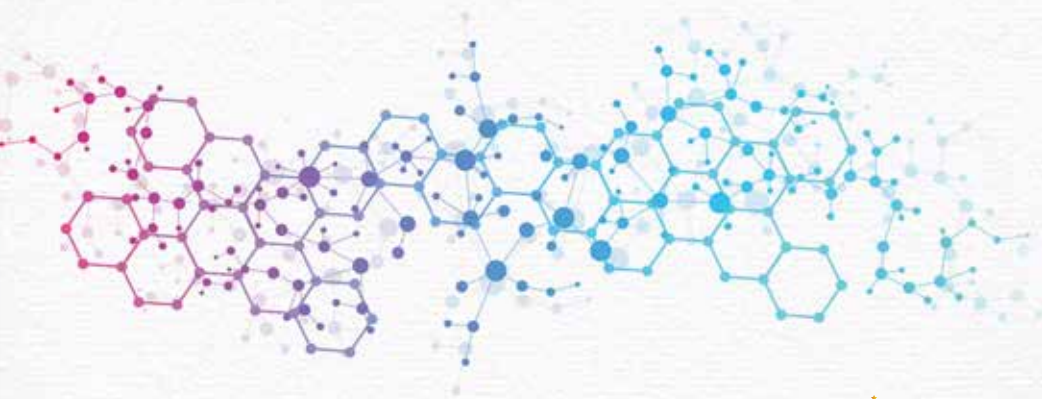
Organized by

Kerala State Council for  
Science Technology & Environment

Kerala Forest Research Institute, Peechi, Thrissur

Mar Baselios Christian College of Engineering  
Kuttikkanam, Peermade, Idukki.





# 35<sup>TH</sup> KERALA SCIENCE CONGRESS

*The Kerala Science Congress (KSC) is an annual gathering of scientists and technologists, owing its origin to the foresight and initiative of the visionaries of the then Science Technology & Environment Committee (STEC) in 1989. The Science Congress is intended to inculcate scientific temper in the young minds of Kerala, and to provide a platform to debate, discuss and disseminate scientific ideas for the promotion and practice of Science and Technology for the benefit of the State. From a modest beginning, Kerala Science Congress has now grown into large gathering of robust science fraternity and brings together the young researchers, academicians, policy makers and all interested in science from the State and elsewhere to exchange knowledge and share advances in their research. The 35th edition of the Kerala Science Congress will be organized by KSCSTE and coordinated by KSCSTE- KFRI at Mar Baselios Christian College of Engineering, Kuttikkanam, Peermade, Idukki.*

## **Focal Theme: Nanoscience and Nanotechnology for Human Welfare**

*The world witnessed a dramatic progress in various fields with the emergence of nanoscience and nanotechnology. Several years of research in this area have delivered both expected and unexpected benefits for our society. As knowledge in nanoscience enhances, nanotechnology helps to improve products across a range of areas, including food safety, medicine and health care, energy, transportation, communications, environmental protection and manufacturing. It is being used in the automotive, electronics and computing industries, and in household products, textiles, cosmetics, medicine, food safety information technology—the list goes on. Nanotechnology is helping significantly to improve or even revolutionize many technology and industry sectors as well. Already there are over 800 products on the market that are enhanced with nanotechnology.*





## Venue & Date

The 35th Kerala Science Congress will be held during 25-29 January 2023 at Mar Baselios Christian College of Engineering, Kuttikkanam, Peermade, Idukki. A Science Expo will start from 25 January 2023 at Mar Baselios Christian College of Engineering, Kuttikkanam. Hon'ble Chief Minister, Kerala will inaugurate the 35th Kerala Science Congress on 27.01.2023 at Mar Baselios Christian College of Engineering, Kuttikkanam, Peermade, Idukki. Kuttikkanam is a hill station in the Idukki district of Kerala, India. It is 3,500 feet above sea level and surrounded by lush green tea plantations. It is within the territory of Peermade. Kattappana, Kumily, and Mundakayam are the nearest towns. The air is slightly humid with average humidity being 66%. The highest temperature is 29°C and lowest is 18°C during January.

## Science Expo

The 35th 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 25-29 January 2023.

## Technical Session and Subject Areas

The 35th Kerala Science Congress invites Papers and Posters in the following 12 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**
- **Mathematical & Statistical Sciences**
- **Physical 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 the field. PG students are invited to register online for participating the event.

## Memorial Lectures

Kerala State Council for Science, Technology and Environment 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. Janakiyammal and Dr. Thanu Padmanabhan are the distinguished scientists of the past whose contributions will be honoured reminiscently during the lectures, by the eminent speakers.

## Children's Science Congress

State level winners of National Children's Science Congress will present their project work at the 35th Kerala Science Congress. Students from schools of Idukki District, studying in class 7 to 12 are invited to witness the Children's Science Congress session.

## 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.

## 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 the 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 Idukki District and suggest possible S&T solution. Cash Awards and Prizes for the Best Scientific Solution.

## Proceedings of the Congress

Abstracts of accepted papers shall be uploaded to the Science Congress website as Proceedings of 35th 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.

## Registration fee

Delegates/Participants: Rs. 2500/-

Bonafide Students: Rs. 1000/-

## Accommodation:

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

**Bonafide Students:** Concessional accommodation will be arranged on payment of Rs. 500/-

## Dates to remember

10th November 2022

Registration of PG Students

30th November 2022

Last date for registration for participation and submission of extended abstracts for contributors.

31st December 2022

Registration for Childrens Science Congress

7th January 2023

Last date for communication of acceptance of papers.

## President

35th Kerala Science Congress

Prof. K.P. Sudheer | Executive Vice President | KSCSTE

## Chairman

35th Kerala Science Congress

Prof. Sabu Thomas

Vice Chancellor| Mahatma Gandhi University, Kottayam

## General Convener

35th Kerala Science Congress

Dr. S. Pradeep Kumar | Member Secretary|KSCSTE

## Joint Convener

35th Kerala Science Congress

Dr. C. Arunan / Principal Scientist | KSCSTE

## Address for correspondence

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