

Department of Electrical and Electronics Engineering
Mar Athanasius College of Engineering
Kothamangalam

VISION

Endeavour to Ensure Excellence

MISSION

Mould technically competent and morally strong Engineers
Achieve dynamic leadership through quality Education
Cater to the needs of industry and community through Emulation
Empower the students to serve the nation with Dedication

CONTACT DETAILS

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Inaugural Address



Col. Shaji M Varghese
MD, KEL

ERNAKULAM DISTRICT LEVEL
NATIONAL SCIENCE DAY CELEBRATIONS 2025
Painting Competition Science Kit Making Competition

FESTA SCIENTIA

"Art Meets Science"

13th FEBRUARY 2025



Supported by
Kerala State Council for Science Technology and
Environment & DST, Govt. Of India

Organised by
Department of Electrical and Electronics Engineering
Mar Athanasius College of Engineering, Kothamangalam
Govt. aided, Autonomous Institution, Estd. 1961, Kothamangalam, Kerala, India - 686666
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Convenor
Dr. Siny Paul, HOD, EEE Dept.

Co-ordinators
Dr. Veena Mathew, Prof. Neema S

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ABOUT KSCSTE & DST

The Kerala State Council for Science, Technology and Environment (KSCSTE) is an autonomous body under the ministry of Science and Technology, Kerala, constituted in November 2002 to be an agency for change and development through science and technology. Formerly it was the Science, Technology and Environment Committee (STEC), established in 1972 in concurrence with the Science Policy of Government of India. The Council promotes and activates programs for increasing the stock of knowledge in science, and fine tunes policies which are significant for the sustained development of humanity. The council prepares the road map for development through scientific research and innovation in technologies. Achieving excellence in basic research, academia-industry interactions, strengthening indigenous initiatives, and building strong infrastructure and developing a high quality science education system in the state are the targeted goals of KSCSTE. This has been achieved through various schemes and programs and by the R&D organizations established by the council.

Department of Science & Technology(DST) was established in May 1971, with the objective of promoting new areas of Science & Technology and to play the role of a nodal department for organising, coordinating and promoting S&T activities in the country. The Department has major responsibilities like formulation of policies relating to Science & Technology, Scientific Advisory Committee of the Cabinet (SACC), and promotion of new areas of Science & Technology with special emphasis on emerging areas.

ABOUT NATIONAL SCIENCE DAY

National Science Day is celebrated in India on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir Chandrashekhara Venkata Raman on 28 February 1930. For his discovery, Raman was awarded the Nobel Prize in Physics in 1930. National Science Day is being celebrated every year to widely spread a message about the importance of science used in the daily life of the people. It gives an opportunity to discuss the issues, display the activities, efforts and achievements in the field of science for human welfare. Every year this day is celebrated with a focal theme, for the national science day 2025 the focal theme is "Empowering Indian youth for global leadership in Science and innovation for Viksit Bharat"

ABOUT THE COLLEGE

Mar Athanasius College of Engineering, established in 1961, has pioneered in providing quality education to young and aspiring minds. The college is owned and managed by Mar Athanasius College Association and aided by the Government of Kerala. The college has six full fledged departments offering various undergraduate ,post graduate and Ph. D programmes and is recognized by AICTE and affiliated to APJ Abdul Kalam Technological University, Kerala. In 2023, the University Grants Commission (UGC) conferred autonomous status upon MACE.

ABOUT THE DEPARTMENT

Department of Electrical and Electronics Engineering has the proud tradition of over 60 years in moulding thousands of Electrical engineers. The department offers B.Tech Degree in Electrical and Electronics Engineering ,M.Tech programme in Power Electronics and Ph. D programme in different streams. The department has meritorious, committed and experienced faculty and has well equipped state of the art laboratories.

ADVISORY COMMITTEE

Chief Patron: **Dr. Winny Varghese**
Secretary
M.A College Association

Patron: **Dr. Bos Mathew Jos**
Principal, M.A. College of Engg
Kothamangalam





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(Govt. aided, Autonomous Institution, Estd.1961)

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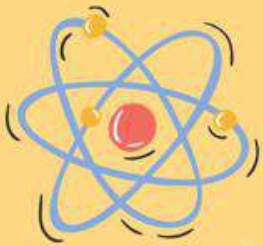
NBA Accredited Programmes



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NATIONAL SCIENCE DAY

Celebration 2025



Supported and Funded by
Kerala State Council for Science, Technology and Environment
& DST, Govt. of India

Co-ordinators
Dr. Veena Mathew
Prof. Neema S

General Guidelines

The last date for registration is 12/02/2025, 4.00 pm.

Participation certificates will be provided to all contestants.

Guidelines for Painting Competition

The **Colouring Competition** will be conducted with the theme: **"World in 2050 – A Vision for a Greener Future"** for Upper primary students (Classes 5 to 7), (Duration 60 minutes)

- Canvases will be provided by the institution.
- Students must bring their own colouring materials.
- Winners will receive certificates and cash prizes.

Guidelines for Science Kit Making Competition

1. Eligibility:

- Open to High School Students (Classes 8 to 10).
- Individual or team participation (maximum two members per team).

2. Objective:

- To encourage students to design and develop innovative and portable science kits.
- Kits should enable multiple experiments and promote hands-on learning using sustainable materials.

3. Competition Guidelines:

- Participants must bring their pre-made science kits to the venue and present them for evaluation.
- The kit should be designed for easy use by students and teachers.
- Use of sustainable/recyclable materials will be given special weightage.
- Kits must demonstrate at least one science concept, but preference will be given to kits that allow multiple experiments.
- The kit should be handy, portable, and user-friendly.
- Each team/participant will get 10 minutes to present and demonstrate their kit.

4. Judging Criteria:

- Creativity & Innovation
- Use of Sustainable Materials
- Number of Experiments Possible
- Handiness & Portability
- Effectiveness in Science Learning

5. Rules & Regulations:

- The kit must be safe to handle and should not involve hazardous materials.
- Participants must explain the working principles and applications of their kits.
- Judges' decisions will be final and binding.

6. Submission & Recognition:

- Participants must register in advance and bring their science kits to the venue.
- Winners will receive certificates and cash prizes.
- The best kit will be selected for state-level science kit-making competitions.