

Department of Physics

Organizes One-Day National-Level Symposium for National Science Day 2025

Focal Theme: Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat
celebrating the spirit of science, technology, and innovation inspired by the legacy of Dr. C.V. Raman

Date: 19-03-2025 | Time: 9.00 AM - 4.00 PM | Venue: TCE, Madurai



EVENTS:

 **Working Models** (Individual & Group)

 **Poster Presentation** (Individual)

 **Quiz Fiesta** (Group - 2 members)

Schedule:

9:00 AM – 9:30 AM | Inauguration
9:30 AM – 11:30 AM | Working Models
11:30 AM – 12:30 PM | Paper Presentation
12:30 PM – 1:30 PM | Lunch Break
1:30 PM – 3:30 PM | Quiz Fiesta
3:30 PM – 4:00 PM | Valedictory Ceremony

THEMES TO EXPLORE:

 **Fuel for Tomorrow**

 **Sustainable E-Waste Solutions**

 **Quantum Computing for the Future**

 **A Device That Can Change the World**

 **Novel Materials for Engineering Innovations**

Scan to Register



- Open to First-Year Students (B.E., B.Tech, B.Sc.)
- Registration Fees: Rs. 590/-
- Exciting Prizes Await!

Scan to Payment



About the College

Thiagarajar College of Engineering (TCE), established in 1957 in Madurai, is a Government- Aided Institution affiliated with Anna University. Renowned for its excellence in technical education, innovation, and research, TCE was founded by Shri. Karumuttu Thiagarajan Chettiar and has consistently nurtured talent to meet the evolving needs of society and industry. The institution is accredited by the National Board of Accreditation (NBA) and holds an 'A++' grade from the National Assessment and Accreditation Council (NAAC). Spread across a sprawling 143-acre campus, TCE provides an environment conducive to academic excellence and innovation.

TCE offers 11 undergraduate programs, 7 postgraduate programs, and doctoral programs in Engineering, Architecture, and Science. With a strong emphasis on research, the institution collaborates extensively with industries, academic institutions, and government organizations. Its dedication to sustainability, community development, and societal impact reflects its commitment to fostering scientific temperament and innovation.

About the Department

The Department of Physics, established in 1957, is a cornerstone of TCE's academic foundation. In collaboration with other engineering departments, the Physics Department offers Ph.D. programs in specialized areas such as Smart Materials, Thin Film Materials, and Nano Materials. Supported by the FIST program of DST, New Delhi, the department actively engages in technology development projects sponsored by organizations like BRNS, DRDO, DST, ISRO, CSIR, and AICTE. Additionally, it maintains robust collaborations with industries, academic institutions, and professional bodies.

Organizing Committee

Chief Patron

Mr. K. Hari Thiagarajan
Chairman and Correspondent
TCE, Madurai

Patron

Dr. L. Ashok Kumar
Principal
TCE, Madurai

Convenor

Dr. M. Mahendran
Professor & Head
Department of Physics, TCE, Madurai

Coordinators:

Dr. V. Aravindan

Assistant Professor
Department of Physics, TCE, Madurai

Dr. P. Sivakumar

Assistant Professor
Department of Physics, TCE, Madurai

Objectives of the Symposium

The primary aim of this symposium is to celebrate National Science Day 2025 by engaging first-year B.E., B.Tech, and B.Sc. students in a series of interactive events designed to spark curiosity, foster creativity, and inspire interest in the fields of science, technology, and innovation. By participating in various activities, students will be encouraged to think critically about current scientific challenges and future possibilities.

Objective 1: To celebrate the spirit of science and innovation in India, inspired by the legacy of Dr. C.V. Raman and his contributions to the field.

Objective 2: To cultivate curiosity about emerging trends and innovations that will shape the future, particularly in the fields of energy, technology, and engineering.

Objective 3: To raise awareness of the impact of these fields on solving urgent global issues such as climate change, waste management, and the digital revolution.

Objective 4: To encourage students to think outside the box and bring their innovative ideas to life, helping them bridge the gap between academic learning and practical application.

Objective 5: To provide students with the opportunity to explore and present solutions related to futuristic topics such as:

- Fuel for Tomorrow
- A Device That Can Change the World
- New Technology for E-Waste Recycling
- Quantum Computing for the Future
- Novel Materials for Engineering Innovations

By achieving these objectives, the symposium will inspire and empower students to become active participants in shaping the scientific and technological future.

Registration Procedures

Registration Fees Rs. 590/- (Including 18% GST)

- Use the following link: <https://eazypay.icicibank.com/>
- Enter Institute Name as "T C E" with space and select the last option "T C E SOUVENIOR CCE"
- Pay Rs. 590/- and download transaction receipt. Make a note of Transaction ID.

Scan the QR code or use the following link:

<https://docs.google.com/forms/d/1IVCuup04wYiBos48dWU0IZRd-nUyXSB8FBKLRs9Ewn0/edit>
to register on or before 15.03.2025