

About the College

Thiagarajar College of Engineering (TCE) is a Government-Aided Autonomous Institution, established in 1957 by the philanthropist Late Karumuttu Thiagarajan Chettiar. TCE is affiliated with Anna University, Chennai, and approved by the All India Council for Technical Education (AICTE). TCE offers a wide array of Undergraduate, Postgraduate and PhD Programs across various disciplines of Engineering, Architecture and Science. The campus is set within a serene and eco-friendly environment surrounded by dense vegetation and the best infrastructure facilities. TCE has consistently embraced reforms and upgrades in its Teaching-Learning processes. Noteworthy initiatives include the implementation of a Competency-Based Curriculum and Outcome-Based Education. Since 2018, TCE has adopted the Conceive Design Implement Operate (CDIO) framework, shaping curriculum design, pedagogical methods, and assessment techniques with adequate hands-on training for students.

The institution's programs have been accredited by NBA since 1998, indicating compliance with quality standards in technical education. The programmes offered at the institution have garnered numerous accolades, including accreditation by NAAC with a CGPA of 3.56 (out of 4.0) securing A++ Grade in Cycle 2. The institution launched Massive Open Online Courses (MOOCs) in 2021 and introduced the Thiagarajar Research Fellowship (TRF) scheme for PhD research scholars, furthering its commitment to academic excellence and research innovation. In 2024, the institute received a Platinum Certificate in 5S Audit for having a clean and sustainable campus.

About the FDP

This two-day online FDP on “Exploring the perspectives of Advanced Material for Energy and Environmental Applications” aims at proclaiming knowledge and sharing new ideas among professionals, industrialists and students from research areas in Chemistry and Physics, given to their research experiences in interactive and technical sessions.

About the Department

The department was established in the year 1957, along with the establishment of college. The department is recognized as research centre by Anna University and supported by DST, SERB, MOEF & CC and Government of India. The department holds the prestigious first patent for the college. The patent is for the “PLASTIC TAR ROAD”. The department also registered a patent on the use of plastics in developing alternate fuels. The department has also established three different laboratories namely Polymer/plastic tar road research lab, Alternate fuel lab and Material research lab. The major research groups work on the following areas: Solid Waste Management, Plastic waste recycling, Green Chemistry, Corrosion and coatings, Biopolymers, Solar Cells, Nano fertilizers, Coordination and Bio-inorganic chemistry, Materials for energy and environmental applications.

Our research facilities on campus have facilitated researchers, academicians and industry experts from all over the state or the country to pursue their research ambitions and pursuits.

Details of the FDP is available in the website: www.tce.edu



Thiagarajar 67
College of Engineering YEARS
1957-2024
where quality and ethics matter
Celebrating Academic Excellence

Two-Day Online Faculty Development Programme on

**Exploring the perspectives of Advanced
Material for Energy and
Environmental Applications**

November 14 - 15, 2024



Organized by

**Department of Chemistry
Thiagarajar College of Engineering
Madurai - 625 015**

Important Date:

Last date for registration: 13th November, 2024

Registration Link:

https://docs.google.com/forms/d/1NmKWQ_ZBAeAtJ8qtCeP5LABzgfOpL8xf3wQh8ZvRFAE/edit



Registration fee:

The registration fee for the participants (Inclusive of GST) is

- **Faculty members and Research scholars - Rs 354/-**

Note: No registration fee for Ph.D scholars from TCE, Madurai

Scan QR code to register



All payments should be made through NEFT

Account Name : TCE Souvenir
Account Number : 601301902011
IFSC CODE : ICIC0000563
Branch : Madurai - TCE

Eligibility:

Faculty members and Research scholars from Engineering colleges, Arts & Science colleges and Universities are eligible to apply.

Organizing Committee

Chief Patron

Mr. K. Hari Thiagarajan

Chairman and Correspondent, TCE

Patron

Dr. L. Ashok Kumar

Principal, TCE

Convener

Dr. M. Kottaisamy

Professor and Head, Dept of Chemistry, TCE

Coordinators

Dr. A.J. Sunija

Assistant Professor, Dept of Chemistry, TCE

Dr. R. Raj Kumar

Assistant Professor , Dept of Chemistry, TCE

Co-Coordinator

Dr. R.Sivakumar

Assistant Professor , Dept of Chemistry, TCE



For Further Details, Contact

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Theme areas:

- Photoelectrocatalysis for Fuel Cell Applications
- Photocatalytic and Photoelectrocatalytic Water Splitting
- Advanced Energy Materials
- Materials for electronics and sensor applications
- Environmental remediation- Materials and strategies
- Energy Scenario-Linear and Circular Economy

Keynote Speakers

Dr. A. Pandikumar

Senior Scientist

*Central Electrochemical Research Institute,
Karaikudi*

Dr. S. Velmathi

Professor

*Dept. of Chemistry, National Institute of Technology,
Trichy*

Dr. P. Kalimuthu

Associate Professor

*Dept.of.Chemistry, The Gandhigram Rural Institute
(Deemed to be University), Dindigul*

Dr. K. P. Vinod Kumar

Assistant Professor

*Dept. Of Chemistry, University College of Engineering,
Nagercoil*

Dr. S. Sambathkumar

Assistant Professor

Dept. of. Chemistry,

*Vivekanandha College of Arts and science for Women,
Tiruchengode, Namakkal*

Dr. M. Kottaisamy

Professor and Head, Dept of Chemistry,

*Thiagarajar College of Engineering,
Madurai*