

About TCE

The Thiagarajar College of Engineering (TCE), established in 1957 by philanthropist Karumuttu Thiagarajan Chettiar, is a Government aided autonomous institution affiliated with Anna University, Chennai, and approved by AICTE.

TCE offers 11 Undergraduate, 7 Postgraduate, and Ph.D. programs in Engineering, Architecture, and Science. Nestled in a serene, eco-friendly campus, TCE is renowned for its top-tier infrastructure and commitment to academic excellence.

TCE has embraced reforms in its teaching learning process, including a Competency-Based Curriculum, Outcome-Based Education, and the CDIO framework since 2018, emphasizing hands-on training.

The launch of MOOCs in 2021 and the Thiagarajar Research Fellowship (TRF) for Ph.D. scholars underscore TCE's focus on research innovation. Industry collaborations with global leaders, such as TVS Motors, have enhanced curriculum design and established cutting-edge labs like the T. S. Srinivasan Centre for Automotive research.

TCE's participation in the Technical Education Quality Improvement Programme (TEQIP) under MHRD has driven faculty development, industry - supported research, and governance improvements, solidifying its reputation as a leader in technical education.

About the Department of Civil Engineering

The Department of Civil Engineering was established since the inception of the college in 1957 and has grown into a full-fledged department with specializations in all the major areas of Civil Engineering. The department works on the theme area of "Eco Friendly Structures". The department has taken up various sponsored research programmes apart from regular teachings and the research activities, namely TNSCST, TNPCB, MHRD, PWD, SERC, UGC, DST, AICTE & DHAN foundation. It has created collaboration with industries to work for the various tasks given by Govt., semi-govt. and other private organizations. The department offers programmes at undergraduate, graduate and doctorate levels.

The vision of our department is to establish process of learning to meet the global standards for sustainable built environment. Many of our alumni hold prestigious positions in leading academic institutions, industries and government organizations in all over the world. Civil Engineering Department has won AICTE-CII Best Industry linked institution award in 2015-2016.



Thiagarajar 68
College of Engineering YEARS
1957-2025
Celebrating
Academic Excellence
where quality and ethics matter



MoU with



MIDAS R&D Centre India Pvt., Ltd., TechApps
&

Department of Civil Engineering

Organizes

Three Days FDP

on

**Theory to Terrain:
Bridge Design Concepts with
MIDAS CIVIL**

12.06.2025 – 14.06.2025

Venue: Civil Conference Hall



About FDP

The FDP will cover essential structural analysis concepts with a focus on 2D beams and portal frames. Participants will learn to use MIDAS software for structural modeling through hands-on sessions, creating accurate models for 2D and 3D portal frames, box culverts, and PSC I Girder bridges. They will also learn to apply loads and analyze structural responses. The program concludes with a discussion on real-world applications of these analyses. This 3-day FDP aims to enhance participants' skills in structural modeling and engineering design.

Topics to be Covered

- Modelling and Analysis of 2D Beams, Portal Frames using MIDAS.
- Modelling and Analysis of 3D Portal Frames using MIDAS.
- Analysis and Design of 3D Box Culvert using MIDAS.
- Modelling & Design of PSC I Girder Bridge using Wizard.
- Hands – on Training in MIDAS-Civil Software.

Resource Persons

Er. Sai Manoj Vemula

*Structural Engineer,
MIDAS R&D Centre India Pvt., Ltd.,*

Er. Vadivel Raja S

Founder of the Keezhadi Structural Engineering Consultancy & Former structural designer at L&T Infra Structural Engineering Ltd., Chennai.

Dr. S. Arul Mary

Professor and Head, Civil, TCE, Madurai

Organizing Committee

Chief Patron

Mr. K. Hari Thiagarajan,
Chairman & Correspondent

Patron

Dr. L. Ashok Kumar,
Principal

Convener

Dr. S. Arul Mary

*Professor and Head
Department of Civil Engineering*

Coordinators

Dr. S. Arul Mary

Professor and Head, Department of Civil Engineering

Dr. Angelin Lincy G

Assistant Professor, Department of Civil Engineering

Contact Details

Dr. Angelin Lincy G – 9629965907

Important date

Last Date for registration: **06.06.25**

Registration

Registration fee: (Inclusive of 18% GST)

Industry Professionals : Rs. 1,800

Faculty members : Rs. 1,200

Research Scholars : Rs. 900

TCE Alumni (10% Concession)

Registration Procedure

- Enter the institute name as " T C E " with space and select the last option "T C E SOUVENIOR CCE"
- Enter the required details and title of the program as "Civil – Theory to Terrain: Bridge Design Concepts with MIDAS CIVIL "
- Pay and download transaction receipt. Make a note of Transaction ID.

Scan to Register



Scan to Pay



Who can Attend?

- Industry Professionals
- Faculty members
- Research Scholars
- TCE Alumni
- TCE Faculties and Scholars

Certificate will be provided to the candidate with required attendance