



Thiagarajar **66**
College of Engineering
1957-2023
where quality and ethics matter
Celebrating Academic Excellence

Madurai - 15

Department of Civil Engineering
Jointly with
Bentley Institute



Organises a Two-Week
Virtual Hands on Training Program
on STAAD PRO

21.08.2023 to 01.09.2023



Google form Link:
<https://forms.gle/VNqfyofsubZGVHuy7>



About the College

Thiagarajar College of Engineering (TCE), Madurai, Tamil Nadu established in 1957, is an autonomous institution affiliated to Anna University, Chennai. It is one among the several educational and philanthropic institutions founded by Philanthropist and Industrialist Late. Shri. Karumuttu Thiagarajan Chettiar. TCE offers 9 Undergraduate Programmes, 10 Postgraduate Programmes, and Doctoral Programmes in Engineering, Science, and Architecture. The UG and PG programmes of TCE are accredited by the National Board of Accreditation.

About the Department

The Department of Civil Engineering was established since the inception of the college in 1957 and has grown into a full fledged department with the specialization 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 programs and offers consultancy services apart from regular teachings and research activities, with TNSCST, TNPCB, MHRD, PWD, SERC, UGC, DST, AICTE & DHAN foundation. It has created collaboration with industries to work for various tasks given by Govt., Quasi Govt. and other private organizations. The department offers programs at undergraduate, graduate and doctorate levels. The department has signed MoU with M/s Bentley Institute to enhance the software skillset of young engineers.

About the Training

STAAD is a comprehensive structural finite element analysis and design application that provides powerful visualization capabilities and a wide range of international design codes. Using an easy-to-use intuitive interface, engineers can automatically convert physical models into an analytical model for a more streamlined workflow while conducting structural analysis. STAAD makes it easy to integrate structural analysis into a BIM workflow and shares synchronized models for multi-discipline collaboration. STAAD's powerful analysis capabilities allows to perform analysis on any structure exposed to static, dynamic, wind, earthquake, thermal, and moving loads.

Course Content

1. Introduction to STAAD Pro
2. Structural Modelling
3. Material constant and Sectional Properties
4. Member specification and supports
5. Loads and Load Combination
6. Analysis and viewing output
7. Design of RCC Structures
8. Design of Steel Structures
9. Design of Liquid storage tanks
10. Complete analysis and design of real time project

NOTE:

Certificate will be issued by BENTLEY INSTITUTE.
Access for Staad Pro connect edition will be provided.

Organizing Committee

Chief Patron

Mr. K. Hari Thiagarajan

Trustee,

Thiagarajar College of Engineering, Madurai

Patron

Dr. M. Palaninatharaja

Principal I/C,

Thiagarajar College of Engineering, Madurai

Convenor

Dr. K. Sudalaimani

Professor and Head

Department Of Civil Engineering,
Thiagarajar College of Engineering, Madurai

Intended Audience

UG, PG students, Research Scholars, Faculty members working in Polytechnic and Engineering Institutions, University Departments, R&D organizations and Professionals from Industry.

Registration Fee

Program Fee: Rs. 3000/- (Inclusive of GST)

How To Register:

Use Google Form Link For Registration:

Duration: 15 Hours For 10days (1.5hrs/Day)

Timing: 5:30 Pm To 7:00 Pm

Mode: Online

Program Co-Ordinator:

Mr. B. Dineshkumar,

Asst. Professor & Bentley Qualified Trainer,
Department of Civil Engineering,
Thiagarajar College of Engineering, Madurai.

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