



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002.

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07.11.2022

DEPARTMENT OF CIVIL ENGINEERING

Submitted to the Principal for kind approval

Sub: Requisition of approval to conduct STAAD PRO Software Training Program – Reg.,

I wish to bring your kind notice that, in this semester we are going to conduct a value added course STAAD PRO for our IV year students (15 No's) in association with CADD Technologies, Coimbatore. In this connection, Enclosed the syllabus and quotation from CADD Technologies.

S. No	Year	Name of the Program	Period	No of Days	No of Students	Rate/Student Rs	Total Fees Rs
1	IV Year	STAAD PRO V8i	09.11.22	6 Days	15	Rs.1750+ 18%GST	Rs.30975/-
Total							Rs.30975/-

The proposal and course content received from CADD Technologies School of Design Private Limited is also enclosed for your kind perusal and approval.

Enclosure – 1. Quotation

2. Syllabus


HoD/CIVIL


PRINCIPAL



CADD TECHNOLOGIES™

SCHOOL OF DESIGN PRIVATE LIMITED

CAD / CAM / CAE Training Centre

An ISO 9001 : 2015 Certified Company

To,

05.11.2022

The Principal,
SSM Institute of Engineering and Technology,
Dindigul – Palani Highway
Dindigul – 624 002.

Respected Sir,

Sub: Proposal for conducting Value Added Training at Campus Regarding

At the outset, we thank you so much for your continuous support and the courtesy extended during our visit. We furnish below the following details for your kind Perusal and necessary approval.

S.No	Department	Training On	Year of Students	No of Students (Approx.)	Rate/Student (Rs.)
01	Civil Engineering	Staad.Pro	4 th Year	15	1750/-+18% GST

We have enclosed herewith the detailed syllabus for your reference as well. Kindly approve the same and assuring you our best services at all times.

Thanking you,

Yours Faithfully,

For CADD Technologies School of Design Private Limited,

N.Venkatraman
Director, Head- Marketing and HR
+91 9842003196



STAAD PRO V8i

On site 50 Hours syllabus

Sl.No	Content
1	Introduction to basic principles of Structural, Analysis and Design
2	Co-ordinate Systems , Units
3	Model Generation, Creating Nodes & Members
4	Model Editing Tools, Select Menu, Add Beam, Insert Node
5	Support Specification, Member Property and Material Specification
6	Loading - Creating a Primary Load
7	Loading - Nodal Load , Member Load
8	Wind Load, Moving load, Creating Load Combination
9	Introduction to Analysis
10	Perform Analysis, Overview of Output Page, Pre-analysis Print and Post-analysis Print
11	RC Design - Column and beam
12	FEM Modelling , Generate Plate Mesh
13	Member Truss, Plate Load
14	Slab Design- One way and Two way
15	Shear wall Modelling and Design
16	Introduction Seismology, Dynamic Analysis, Response Spectrum Analysis
17	Water Tank Design
18	Staircase Design