



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi / Affiliated to Anna University, Chennai / Accredited by NAAC),

(Accredited by NBA – ECE, EEE & MECH UG Programs)

Dindigul – Palani Highway, Dindigul 624 002

Date: 25.01.23

CIRCULAR

It is planned to conduct Value Added Course for IV year students by Department of Civil Engineering along with BTR Construction, Erode.

S.No	Year	Name of the Course	Period	No. of Days
1.	IV Year	STAAD.Pro	27.02.23 to 04.03.23	6 Days

Faculty In-charge

HoD/Civil



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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR: 2022 – 2023

VALUE ADDED COURSE

Sl. No	Name of the Course	No. of Students enrolled	No. of Hours	Page Number
1.	Revit Architecture	53	60	2
2.	AutoCAD 2022	15	50	13
3.	STAAD Pro V8i	15	50	19
4.	3Ds Max 2023	38	60	25


HoD/Civil



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul - Palani Highway, Dindigul - 624 002.

Phone: 0451-2448800-99 (100 Lines) Fax: 0451-2448855

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25/01/2023

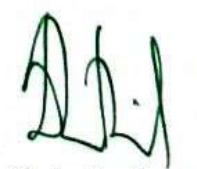
DEPARTMENT OF CIVIL ENGINEERING

TECHNOLOGY TRAINING SCHEDULE

ACADEMIC YEAR 2022-23 EVEN SEMESTER

S.No	Year	Course Name	No of Students	Duration	Service Provider
1	III	Revit Architecture	23	06.02.23 to 11.02.23	CONCEPTURES Pvt Ltd, COIMBATORE
2	II	AutoCAD 2022	15	13.02.23 to 18.02.23	BTR CONSTRUCTION, BHAVANI SAGAR
3	IV & II	Revit Architecture	30	20.02.23 to 25.02.23	CONCEPTURES Pvt Ltd, COIMBATORE
4	IV	STAAD Pro V8i	15	27.02.23 to 04.03.23	BTR CONSTRUCTION, BHAVANI SAGAR
5	III	3Ds Max 2023	23	06.03.23 to 11.03.23	CADD ACADEMY, MADURAI
6	IV		15	13.03.23 to 18.03.23	


HoD/Civil


Principal

2022-23

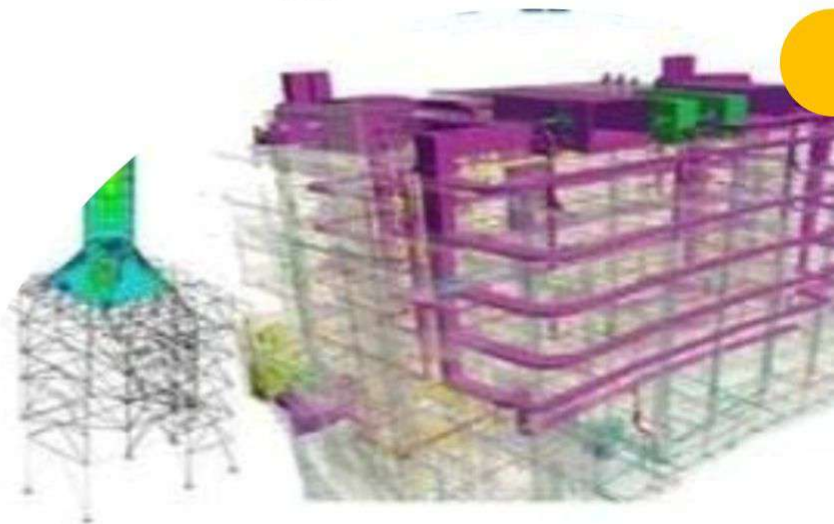
VALUE ADDED COURSE
ON
STAAD.Pro
V8i

SERVICE PROVIDER

BTR Construction,
Bhavani Sagar.

EVENT COORDINATOR

T. Sivaganesan,
Assistant Professor,
SSM-IET, Dindigul.



Date:

27.2.23 to 4.3.23

STAAD PRO V8i

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

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25.01.2023

DEPARTMENT OF CIVIL ENGINEERING

Submitted to the Principal for kind approval

Sub: Requisition of approval to conduct **AutoCAD & STAAD Pro V8i** Software Training Program – Reg.,

I wish to bring your kind notice that, in this semester we are going to conduct a value added course AutoCAD for our II year students (15 No's) & STAAD Pro V8i for our IV year students (15 No's) in association with BTR Construction, Bhavani Sagar. In this connection, Enclosed the syllabus and quotation from.

S. No	Year	Name of the Program	Period	No of Days	No of Students	Rate/Student Rs	Total Fees Rs
1	II Year	AutoCAD	13.02.23 to 18.02.23	6 Days	15	Rs.1200/-	Rs.18000/-
2	IV Year	STAAD Pro V8i	27.02.23 to 04.03.23	6 Days	15	Rs.1500/-	Rs.22500/-
Total							Rs.40500/-

The proposal and course content received from BTR Construction, Bhavani Sagar, also enclosed for your kind perusal and approval.

Enclosure – 1. Quotation

2. Syllabus


HoD/CIVIL


PRINCIPAL



10.03.2023

Department of Civil Engineering

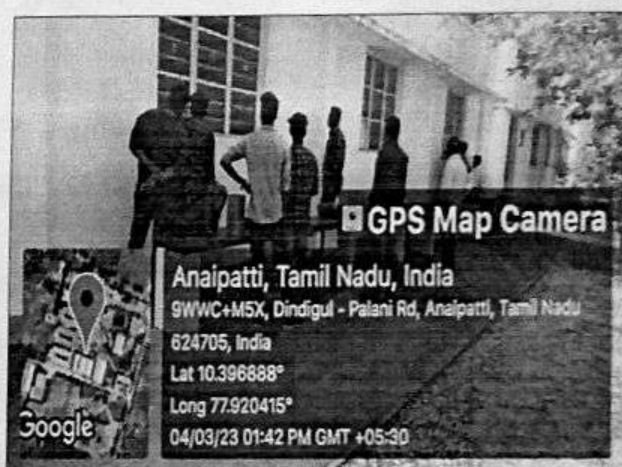
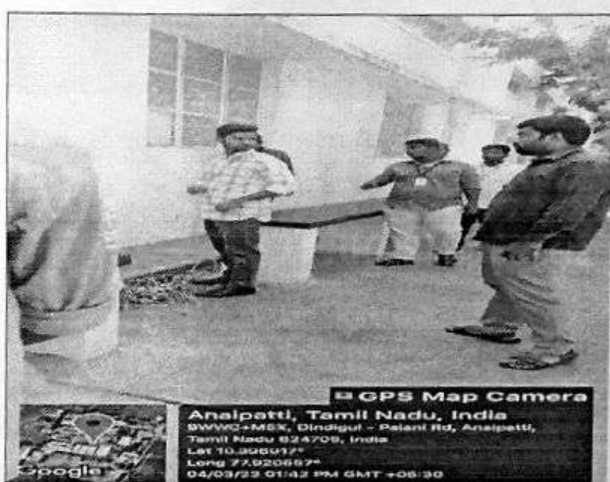
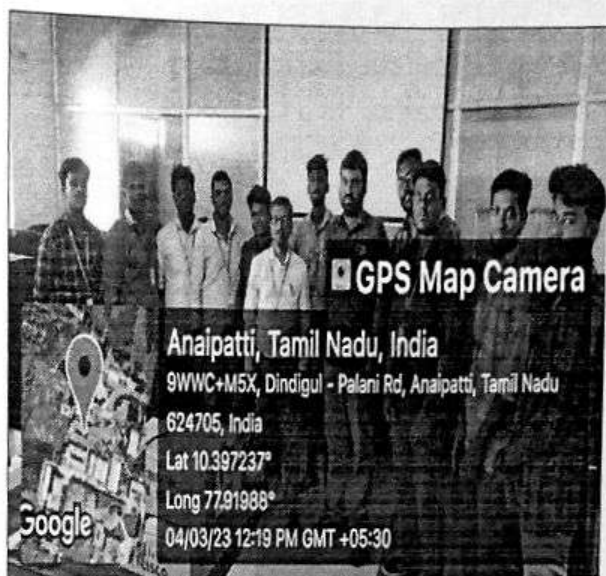
Technology Training Report

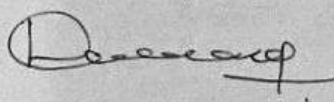
As an initiative for technology training programme was conducted for IV year Civil Engineering students in CADD lab @ department of civil engineering, scheduled from 27.02.2023 to 04.03.2023. This training was conducted by Mr.R.Udhayasankar., B.T.R Construction, Bhavanisagar.

In this technology training – STAAD. Pro V8i programme consists of 48 hours. Students Learn from the STAAD. Pro V8i – Technology training,


- Design and analyze simple/complex structures for a wide range of loading conditions, including ones that are gravity-induced such as dead and live loads.
- To complete building analysis, design, and drafting for the entire structure accurately. Later, use our state-of-the-art finite element analysis. It helps to reduce or eliminate the time spent to get the results.
- To optimize or analyze beams, columns, and walls for gravity and lateral loads. It helps to quickly obtain safe and economical designs. To produce designs in compliance with Indian requirements and many international design specifications & building codes.
- To design slabs and foundations through specialized applications by integrating them within the master analysis model. To create design calculations and reinforce drawings. To add the design information in BIM models through ISM.

Totally 12 students were benefitted for this programme. The programme was co-ordinated by Mr.T.Sivaganesan, Assistant professor, Civil Engineering. SSM institute of Engineering and technology,Dindigul.




 Technology Training In-charge


 HOD/Civil


 Principal

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL
DEPARTMENT OF CIVIL ENGINEERING - VALUE ADDED COURSE (STADD PRO)
IV YEAR 2022-23 EVEN SEMESTER - (28.02.2023 TO 04.03.2023)

ATTENDANCE SHEET

S.No	Register No	Student Name	27.02.23		28.02.23		01.03.23		02.03.23		03.03.23		04.03.23	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	922119103001	S. ABUL BAJAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	922119103002	S. ARAVINTH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	922119103003	A. CHANDRA PRABHU	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	922119103004	M. HEMARAJ	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	922119103007	C. MAHAVISHNUVARMAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	922119103008	P. POORNACHANDRAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	922119103010	S. SANJEEVI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	922119103011	J. SANTHOSH CALVIN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	922119103012	S. R. SATHEESH KUMAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	922119103013	S. SHEIK DAWOOD	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	922119103014	R. SIVA	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	922119103015	P. SURESH KUMAR	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	922119103016	C.R. VIJEY	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	922119103017	A.P.K YOGESH ARASAN	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	922119103701	SAKTHI PRAGADEESWARI	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB