



## 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 II year students by Department of Civil Engineering along with BTR Construction, Erode from 13.02.23 to 18.02.23.

S.No	Year	Name of the Course	Period	No. of Days
1.	II Year	AutoCAD	13.02.23 to 18.02.23	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



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

Email: [ssmiedgl@gmail.com](mailto:ssmiedgl@gmail.com) Website: [www.ssmiet.ac.in](http://www.ssmiet.ac.in)

25/01/2023

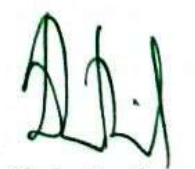
## DEPARTMENT OF CIVIL ENGINEERING

### 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**

**Auto CAD  
2022**

**Date:**

**13.2.23 to 18.2.23**

**SERVICE PROVIDER**

**BTR Construction,  
Bhavani Sagar.**

**EVENT COORDINATOR**

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



### **COURSE CONTENT**

Introduction to Auto CAD | Section and elevation | Detailing | Drafting | Painting with colors, textures and photo-matching | Enhancing and presenting | 3D models | Walk-through video.

## Online Syllabus for AutoCAD Software

### Content:

- ✓ Introduction to AutoCAD & Design Basics
- ✓ Units, Limits, Drafting Settings, Selection Methods
- ✓ Draw - Line, Polyline, Rectangle, Polygon
- ✓ Modify - Erase, Move, Copy, Rotate, Trim & Extend
- ✓ Draw - Arc, Ellipse, Spline, Point, Hatch
- ✓ Modify - Array, Break, Break at point
- ✓ Draw - Region, Revision Cloud, Wipe Out, Construction Line, Ray, Donut
- ✓ Modify - Fillet, Chamfer, Scale, Lengthen, Stretch, Explode, Join, Align
- ✓ Annotation - Text, Dimensions - Property Tool bar
- ✓ Annotation - Leaders, Table, Scaling
- ✓ Layer Tool bar, Draw order
- ✓ Block & Dynamic Block
- ✓ Approval drawing Concept
- ✓ Electrical Drawing Concept
- ✓ Isometric View
- ✓ Introduction of 3D, Views, Viewports, Orbit, Visual styles
- ✓ Solid Creation, 3D Modify & UCS
- ✓ Solid Editing & Material
- ✓ Rendering Materials
- ✓ Interactive Session - 2 days

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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





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09.03.2023

### Department of Civil Engineering

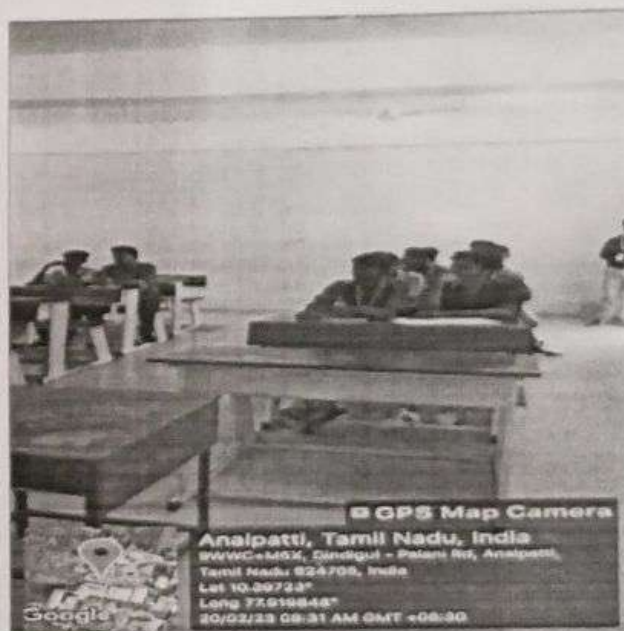
### Technology Training Report

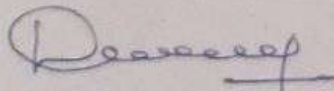
As an initiative for technology training programme was conducted for II year Civil Engineering students in CADD lab @ department of civil engineering, scheduled from 13.02.2023 to 18.02.2023. This technology training was conducted by Mr.R.Udhayasankar., B.T.R Construction, Bhavanisagar.

In this technology training – AutoCAD – 2022 programme consists of 48 hours. Students Learn from the AutoCAD – Technology training,


- To Plan Creation as per vastu.
- To draw the section and Elevation
- Detailing and drafting for RCC Elements.
- Modelling a story house interior and exterior.
- Painting with colours, textures and photo-matching.
- Enhancing and presenting the model.
- Create realistic 3D models of your design using a combination of solid, surface, and mesh modeling tools.
- Apply visual styles to control the display of edges, lighting, and shading of your 3D model.
- Apply lighting and materials to give your 3D models a realistic appearance and to help communicate your designs.
- Walkthrough video.

Totally 15 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 (AUTOCADD)**  
**(13.02.2023 TO 18.02.2023)**

S.No	Register No	Student Name	13.02.2023		14.02.2023		15.02.2023		16.02.2023		17.02.2023		18.02.2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	922121103001	DHARUN M	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	922121103003	KANNAN K	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	922121103005	KAVINNILAVAN S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	922121103006	MUKESH M	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	922121103007	NAGAJOTHI M	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	922121103008	NAGARAJAN G	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	922121103009	NITHEESH KANNAN P	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	922121103010	NIVASHINI P	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	922121103011	PRAVEEN VENGADESH S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	922121103012	SHANMUGAPRIYA K	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	922121103013	SYEAD ABUTHAHIR S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	922121103301	DINESH KUMAR R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	922121103302	NIRMALADEVI R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	922121103303	PRAVEEN R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	922121103304	SUBASHINI G	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16	TRANSFER	RAGHUL SP	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB