



## 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, III and IV year students by Department of Civil Engineering along with Concepteurs Pvt. Ltd.

S.No	Year	Name of the Course	Period	No. of Days
1.	III Year	REVIT ARCHITECTURE	06.02.23 to 11.02.23	6 Days
2.	II & IV Year		20.02.23 to 25.02.23	6 Days

Faculty In-charge

  
HoD/Civil



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Dindigul – Palani Highway, Dindigul – 624 002

## 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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Dindigul - Palani Highway, Dindigul - 624 002.

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

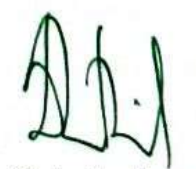
## DEPARTMENT OF CIVIL ENGINEERING

### 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 REVIT ARCHITECTURE**

**Date:**

**6.2.23 to 11.2.23**

## **SERVICE PROVIDER**

**Concepteurs Pvt Ltd,  
Coimbatore.**

## **EVENT COORDINATOR**

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

## **COURSE CONTENT**

Introduction to Revit | Floor  
creations | 3D view | section  
Planview | Elevation | Lumion  
Quantity take off and cost





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25.01.2023

## DEPARTMENT OF CIVIL ENGINEERING

### Submitted to the Principal for kind approval

**Sub:** Requisition of approval to conduct **Revit Architecture** Software Training Program - Reg.,

I wish to bring your kind notice that, in this semester we are going to conduct a value added course REVIT ARCHITECTURE for our II, III & IV year students (**53 No's**) in association with Conceptures Pvt.Ltd., Coimbatore. 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	III Year	REVIT ARCHITECTURE	06.02.23 to 11.02.23	6 Days	23	Rs.850/-	Rs.19950/-
2	II & IV Year		20.02.23 to 25.02.23	6 Days	30	Rs.850/-	Rs.25500/-
Total							Rs.45450/-

The proposal and course content received from Conceptures Pvt.Ltd., Coimbatore, also enclosed for your kind perusal and approval.

Enclosure - 1. Quotation

2. Syllabus

  
HoD/CIVIL

  
PRINCIPAL





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10.03.2023

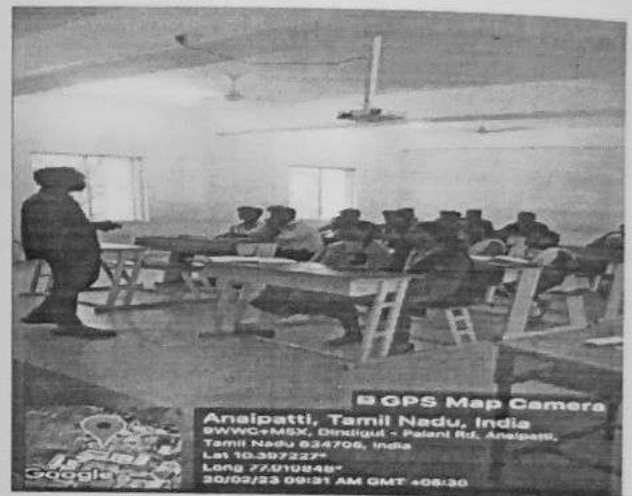
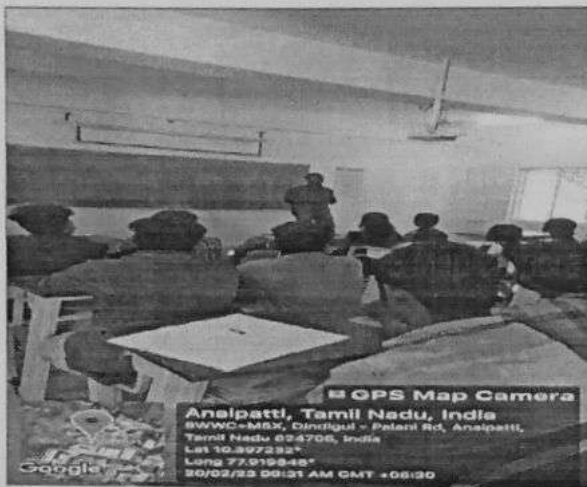
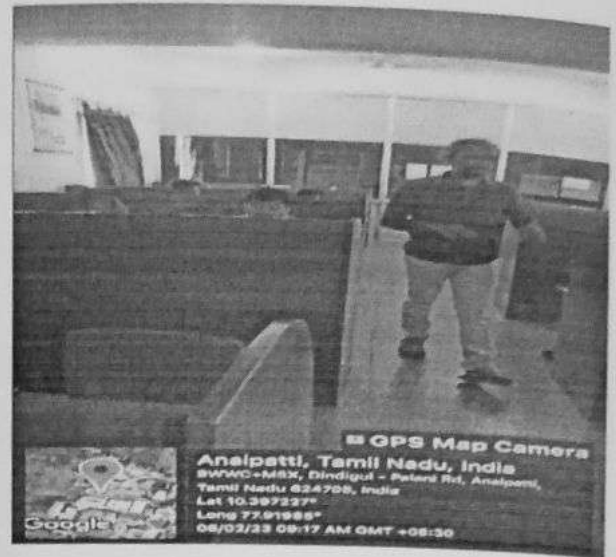
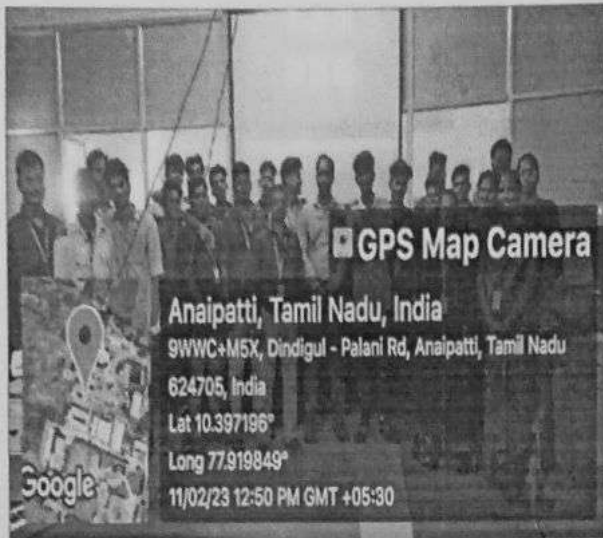
## Department of Civil Engineering Technology Training Report

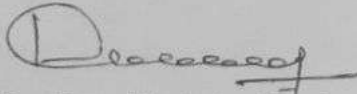
As an initiative for technology training programme was conducted for II year, III year & IV year Civil Engineering students in CADD lab @ department of civil engineering, scheduled from 06.02.2023 to 11.02.2023 & 20.02.2023 to 25.02.2023. This technology training was conducted by Mr.S.Antony Jeyendran, Concepteurs, Coimbatore.

In this technology training – Revit Architecture - 2022 programme consists of 48 hours. Students Learn from the Revit Architecture – Technology training.

- To design and model confidently in Revit. Architecture – 2022.
- To import, scale and work off reference images such as floor plans and elevations.
- To create and control custom materials and patterns.
- To create and control ceilings and Roofs their properties.
- Improve overall skills and knowledge of 3D modelling, architecture and design.
- To create and control Floors walls and their properties.
- To place families and source + load custom families such as doors and windows.
- To create sections, floor plans and elevations from your Revit models.
- To render your model in real time.

Totally 50 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/Civils

  
 Principal

**Quotation for AutoCAD.**

Sl. No	Software	Significance
1.	Revit Architecture	A BIM tool which has created Brand equity like none other. A widely used tool amongst engineers, Architects and Project Managers

**Our quote:****Foundation in Computer Aided Building information Modelling (Revit Architecture)**

Course name	: <u>Foundation in Computer Aided Building Information Modelling (Revit Architecture)</u>
Faculty :	Er.S.ANTONY JEYENDRAN B.E.,M.E.,MIE.,FIV. IBBI-Registered Valuer (IBBI/RV/07/2021/14472) Fellow of Institution of Valuers (F-27998)
Course duration	: 48hrs (6 working days)
Course fee	: Rs.850/- per student (Rupees Eight Hundred and Fifty Only per Student)
Minimum no. of Students	: 50
Course material	: Nil
Deliverables	: Course completion Certificate





**Curriculum**

<b>Day</b>	<b>Session</b>		<b>Topics</b>
<b>Day 1</b>	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• <i>REVIT Interface</i></li> <li>• <i>Units</i></li> <li>• <i>Starting Projects</i></li> <li>• <i>Viewing Commands</i></li> <li>• <i>Setting Up Levels</i></li> <li>• <i>Using General Drawing Tools</i></li> </ul>
		Session 2	<ul style="list-style-type: none"> <li>• <i>Creating Structural Grids</i></li> <li>• <i>Adding Columns</i></li> </ul>
			<i>Practice Session</i>
	Afternoon	Session 3	<ul style="list-style-type: none"> <li>• <i>Editing Elements</i></li> <li>• <i>Basic Modify Tools</i></li> <li>• <i>Linking and Importing CAD Files</i></li> <li>• <i>Modeling Walls</i></li> <li>• <i>Modifying Walls</i></li> </ul>
		Session 4	<i>Practice session</i>
<b>Day 2</b>	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• <i>Inserting Doors and Windows</i></li> <li>• <i>Loading Door and Window Types from the Library</i></li> <li>• <i>Creating Additional Door and Window Sizes</i></li> <li>• <i>Creating Curtain Walls</i></li> </ul>
		Session 2	<ul style="list-style-type: none"> <li>• <i>Setting the View Display</i></li> <li>• <i>Duplicating Views</i></li> <li>• <i>Elevations and Sections</i></li> </ul>
			<i>Practice session</i>



	Afternoon	Session 3	<ul style="list-style-type: none"> <li>• Adding Components</li> <li>• Modifying Components</li> </ul>
		Session 4	Practice session
Day 3	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• Modeling Floors</li> <li>• Creating Shaft Openings</li> <li>• Creating Sloped Floors</li> <li>• Modeling Ceilings</li> <li>• Adding Ceiling Fixtures</li> </ul>
		Session 2	Practice session
	Afternoon	Session 3	<ul style="list-style-type: none"> <li>• Modeling Roofs</li> <li>• 2 Creating Roofs by Footprint</li> <li>• Creating Roofs by Extrusion</li> </ul>
		Session 4	Practice session
Day 4	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• Creating Component Stairs</li> <li>• Modifying Component Stairs</li> <li>• Working with Railings</li> <li>• Working with Railings</li> </ul>
		Session 2	Practice session
	Afternoon	Session 3	<ul style="list-style-type: none"> <li>• Setting Up Sheets</li> <li>• Placing and Modifying Views on Sheets</li> <li>• Printing Sheets</li> <li>• Working with Dimensions</li> </ul>



		Session 4	Practice session
Day 5	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• Working With Text</li> <li>• Adding Detail Lines and Symbols</li> <li>• Adding Tags</li> <li>• Adding Rooms and Tags</li> </ul>
		Session 2	Practice session
	Afternoon	Session 3	<ul style="list-style-type: none"> <li>• Working with Schedules</li> <li>• Setting Up Detail Views</li> <li>• Schedules</li> <li>• Costing</li> </ul>
		Session 4	Practice session
Day 6	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• Doubt Clearing session - Discussions</li> </ul>
		Session 2	Project
	Afternoon	Session 3	Project
		Session 4	Project Feedback session

On acceptance of above quote, we shall proceed with the preparation to commence the course. The course commencement shall be decided on mutual consent.



Yours Sincerely  
For CONCEPTEURS  
*S. Antony Jeyendran*  
S. ANTONY JEYENDRAN B.E. (Struct.)  
Proprietor



## DEPARTMENT OF CIVIL ENGINEERING

### TECHNOLOGY TRAINING ATTENDANCE

#### III - YEAR - REVIT ARCHITECTURE -

#### ACADEMIC YEAR 2022-23 EVEN SEMESTER

Sl. No	Reg.No	Name of the Student	06.02.2023		07.02.2023		08.02.2023		09.02.2023		10.02.2023		11.02.2023	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	922120103001	ALAGENDIRAN A -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2	922120103002	ANU PRABHA M -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3	922120103003	ARUL YOWAN P -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4	922120103004	EZHILARASHAN B -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5	922120103005	HARIPRASATH S -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6	922120103006	MANOJ N -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7	922120103007	MUKESH CHELLAM M -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8	922120103008	MUTHAMIZH SELVAN M -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	922120103009	RAGUNATH BOOPATHI S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10	922120103010	SASIKUMAR P -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11	922120103011	SHAHIN BANUN -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12	922120103012	SOUNDHARA RAJAN G -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13	922120103013	SRI KARAN K -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14	922120103014	SUBIKSHA A	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15	922120103015	SUDHARSAN M -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16	922120103016	VISHWA A -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17	922120103301	ATHAV RAM BALAJI P -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18	922120103302	JOHN PHILIPS F -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19	922120103303	MOHAMED NASIM ASLAM MA -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
20	922120103305	NAVEEN KUMAR S -	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB



**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL**  
**DEPARTMENT OF CIVIL ENGINEERING - VALUE ADDED COURSE (REVIT ARCHITECTURE)**  
**(20.02.2023 TO 25.02.2023)**

S.No	Register No	Student Name	20.02.23		21.02.23		22.02.23		23.02.23		24.02.23		25.02.23	
			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	NIRMALADEVIR	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



**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL**  
**DEPARTMENT OF CIVIL ENGINEERING - VALUE ADDED COURSE (REVIT ARCHITECTURE)**  
**IV YEAR 2022-23 EVEN SEMESTER - (20.02.2023 TO 25.02.2023)**

S.No	Register No	Student Name	20.02.23		21.02.23		22.02.23		23.02.23		24.02.23		25.02.23	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	922119103001	S. ABUL BAJAR	S. Abul	Abul	S. Abul	Abul	S. Abul	Abul	S. Abul	Abul	S. Abul	Abul	S. Abul	Abul
2	922119103002	S. ARAVINTH	S. Arav	Arav	S. Arav	Arav	S. Arav	Arav	S. Arav	Arav	S. Arav	Arav	S. Arav	Arav
3	922119103003	A. CHANDRA PRABHU	A. Chand	Prabhu	A. Chand	Prabhu	A. Chand	Prabhu	A. Chand	Prabhu	A. Chand	Prabhu	A. Chand	Prabhu
4	922119103004	M. HEMARAJ	M. Hemaraj		M. Hemaraj		M. Hemaraj		M. Hemaraj		M. Hemaraj		M. Hemaraj	
5	922119103007	C. MAHAVISHNUVARMAN	C. Mahavishnuvarman		C. Mahavishnuvarman		C. Mahavishnuvarman		C. Mahavishnuvarman		C. Mahavishnuvarman		C. Mahavishnuvarman	
6	922119103008	P. POORNACHANDRAN	P. Poornachandran		P. Poornachandran		P. Poornachandran		P. Poornachandran		P. Poornachandran		P. Poornachandran	
7	922119103010	S. SANJEEVI	S. Sanjeevi		S. Sanjeevi		S. Sanjeevi		S. Sanjeevi		S. Sanjeevi		S. Sanjeevi	
8	922119103011	J. SANTHOSH CALVIN	J. Santhosh Calvin		J. Santhosh Calvin		J. Santhosh Calvin		J. Santhosh Calvin		J. Santhosh Calvin		J. Santhosh Calvin	
9	922119103012	S. R. SATHEESH KUMAR	S. R. Satheesh Kumar		S. R. Satheesh Kumar		S. R. Satheesh Kumar		S. R. Satheesh Kumar		S. R. Satheesh Kumar		S. R. Satheesh Kumar	
10	922119103013	S. SHEIK DAWOOD	S. Sheik Dawood		S. Sheik Dawood		S. Sheik Dawood		S. Sheik Dawood		S. Sheik Dawood		S. Sheik Dawood	
11	922119103014	R. SIVA	R. Siva		R. Siva		R. Siva		R. Siva		R. Siva		R. Siva	
12	922119103015	P. SURESH KUMAR	P. Suresh Kumar		P. Suresh Kumar		P. Suresh Kumar		P. Suresh Kumar		P. Suresh Kumar		P. Suresh Kumar	
13	922119103016	C.R. VIJAY	C.R. Vijay		C.R. Vijay		C.R. Vijay		C.R. Vijay		C.R. Vijay		C.R. Vijay	
14	922119103017	A.P.K YOGESH ARASAN	A.P.K Yogesh Arasan		A.P.K Yogesh Arasan		A.P.K Yogesh Arasan		A.P.K Yogesh Arasan		A.P.K Yogesh Arasan		A.P.K Yogesh Arasan	
15	9.22119E+11	SAKTHI PRIYADHARSHINI	Sakthi Priyadharshini		Sakthi Priyadharshini		Sakthi Priyadharshini		Sakthi Priyadharshini		Sakthi Priyadharshini		Sakthi Priyadharshini	