

(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	06.02.23 to 11.02.23	6 Days
2.	II & IV Year	ARCHITECTURE	20.02.23 to 25.02.23	6 Days

Faculty In-charge

HoD/Civil



(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai Accredited by NAAC ECE, EEE, MECH – NBA Accredited) Dindigul – Palani Highway, Dindigul – 624 002

# DEPARTMENT OF CIVIL ENGINEERING

**ACADEMIC YEAR: 2022 - 2023** 

## VALUE ADDED COURSE

SI. 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





Dindigul - Palani Highway, Dindigul - 624 002.

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

Email: ssmietdgl@gmail.com Website: 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	Ш	3Ds Max	23	06.03.23 to 11.03.23	CADD ACADEMY,		
6	IV	2023	15	13.03.23 to 18.03.23	MADURAI		

HoD/Civil

Principal

Accredited by NAAC and affiliated to Anna University, Chennai

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	06.02.23 to 11.02.23	6 Days	23	Rs.850/-	Rs.19950/-
2	II & IV Year	ARCHITECTURE	20.02.23 to 25.02.23	6 Days	30	Rs.850/-	Rs.25500/-
			1,774			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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Phone: 0451-2448800-99 (100 Lines)Fax: 0451-2448855 Email: ssmietdgl@gmail.com Website: www.ssmiet.ac.in

10.03.2023

# Department of Civil Engineering Technology Training Report

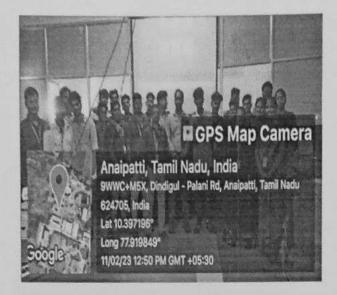
As an initiative for technology training programme was conducted for II year, III year & IV year Civil Engineering students in CADD lab @ department of civil engineering, scheduled from 06.02.2023 to 11.02.2023 & 20.02.2023 to 25.02.2023. This technology training was conducted by Mr.S.Antony Jeyendran,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

Principal

# Quotation for AutoCAD.

Si. 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 : Foundation in Computer Aided

Building Information

Modelling(Revit Architecture)

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

Day		Session	Topics
	Forenoon	Session 1	<ul> <li>REVIT Interface</li> <li>Units</li> <li>Starting Projects</li> <li>Viewing Commands</li> <li>Setting Up Levels</li> <li>Using General Drawing Tools</li> </ul>
Day 1	19	Session 2	<ul> <li>Creating Structural Grids</li> <li>Adding Columns</li> </ul> Practice Session
	Afternoon	Session 3	<ul> <li>Editing Elements</li> <li>Basic Modify Tools</li> <li>Linking and Importing CAD Files</li> <li>Modeling Walls</li> <li>Modifying Walls</li> </ul>
		Session 4	Practice session
Day 2	Forenoon	Session 1	<ul> <li>Inserting Doors and Windows</li> <li>Loading Door and Window Types from the Library</li> <li>Creating Additional Door and Window Sizes</li> <li>Creating Curtain Walls</li> </ul>
		Session 2	<ul> <li>Setting the View Display</li> <li>Duplicating Views</li> <li>Elevations and Sections</li> </ul>
			Practice session

	Afternoon	Session 3	<ul> <li>Adding Components</li> <li>Modifying Components</li> </ul>
		Session 4	Practice session
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	Forenoon	Session 1	<ul> <li>Modeling Floors</li> <li>Creating Shaft Openings</li> <li>Creating Sloped Floors</li> <li>Modeling Ceilings</li> <li>Adding Ceiling Fixtures</li> </ul>
Day 3		Session 2	Practice session
	Afternoon	Session 3	<ul> <li>Modeling Roofs</li> <li>2 Creating Roofs by Footprint</li> <li>Creating Roofs by Extrusion</li> </ul>
		Session 4	Practice session
	Forenoon	Session 1	<ul> <li>Creating Component Stairs</li> <li>Modifying Component Stairs</li> <li>Working with Railings</li> <li>Working with Railings</li> </ul>
Day 4		Session 2	Practice session
	Afternoon	Session 3	<ul> <li>Setting Up Sheets</li> <li>Placing and Modifying Views on Sheets</li> <li>Printing Sheets</li> <li>Working with Dimensions</li> </ul>

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		Session 4	Practice session
	Forenoon	Session 1	Working With Text     Adding Detail Lines and Symbols     Adding Tags     Adding Rooms and Tags
Day 5		Session 2	Practice session
	Afternoon	Session 3	Working with Schedules     Setting Up Detail Views     Schedules     Costing
		Session 4	Practice session
	Forenoon	Session 1	Doubt Clearing session - Discussions
	Asset 19	Session 2	Project
Day 6	Afternoon	Session 3	Project
		Session 4	Project
	Plot		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.

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FOR CONCEPTEURS

SANTONY JEYENDRAN DE MEIST

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# DEPARTMENT OF CIVIL ENGINEERING

# TECHNOLOGY TRAINING ATTENDANCE

III - YEAR - REVIT AR¢HITECTURE -

ACADEMIC YEAR 2022-23 EVEN SEMESTER

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

(20.02.2023 TO 25.02.2023)

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

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