



# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

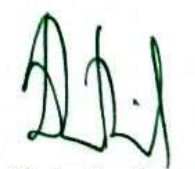
## DEPARTMENT OF CIVIL ENGINEERING

### 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



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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



# 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**





**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

Accredited by NAAC and affiliated to Anna University, Chennai

**2022-23**

**VALUE ADDED COURSE  
ON  
REVIT  
ARCHITECTURE**

**Date:**

**6.2.23 to 11.2.23**

**SERVICE PROVIDER**

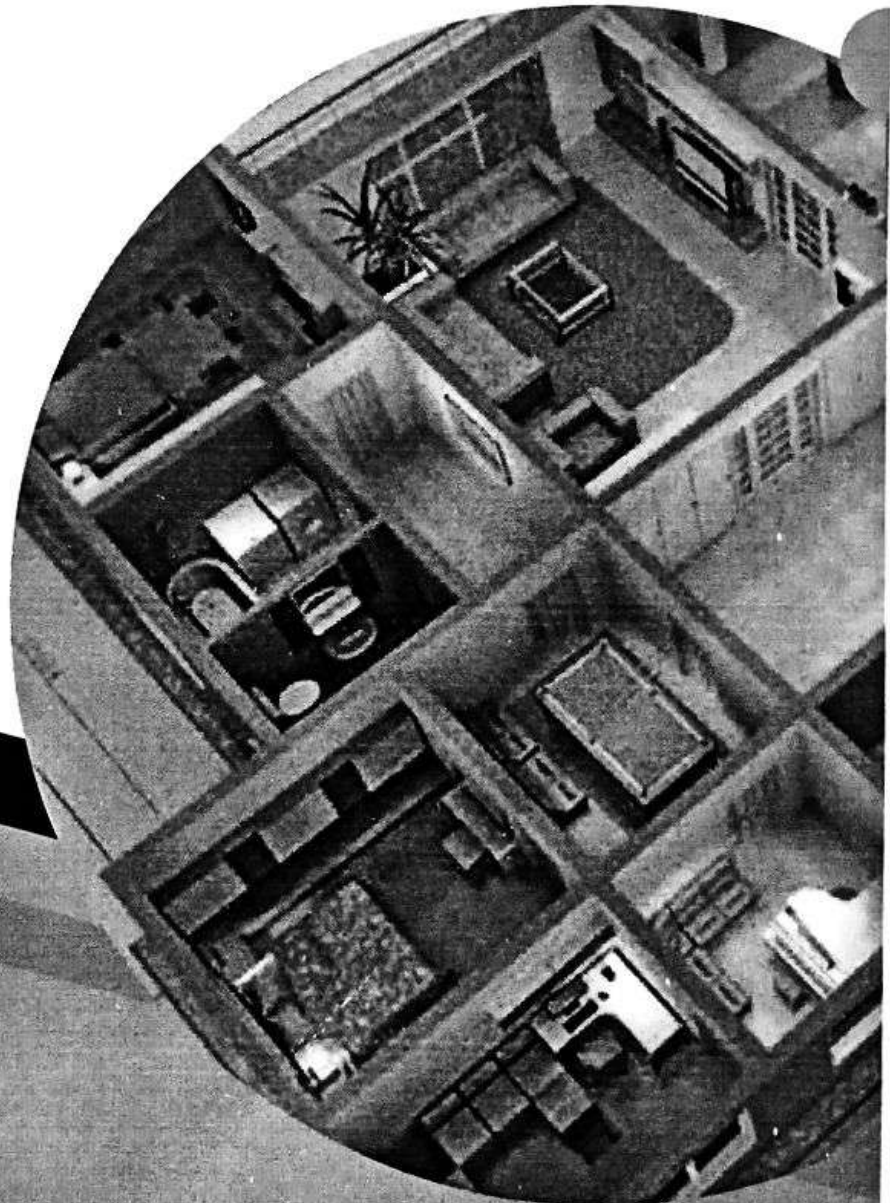
**Concepteurs Pvt Ltd,  
Coimbatore.**

**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



CTC-QT-22-012

January 18<sup>th</sup>, 2023

To

**The Principal**

**SSM Institute of Engineering and Technology**

Dindigul-Palani Highway,

Dindigul,

Tamil Nadu 624002

Sir,

Sub: Proposed Quote for Software Training – On-Site

**CONCEPTEURS** is primarily a Structural Design consultancy. **CONCEPTEURS CAD Training centre** is a dedicated division of **CONCEPTEURS** which offers Civil/Structural Engineering software training for students and professionals

As **CONCEPTEURS** is driven by experienced Professionals, we assure you that we can provide efficient knowledge based skill development training to your students.

We would like to submit our quote for Online training program on Building Information Modelling using Revit Architecture. The training program encapsulates Building information modelling upto BIM - 5D(Fifth Dimension)

CTC-QT-22-012-18/01/2023

+91 9944823542

Page 1 of 5



info@concepteurs.org

**www.concepteurs.org**



Old No. 19/84, New No. 43  
B K Chetty Street, Fort,  
Coimbatore - 641 001

### 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	: <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

Day	Session		Topics
Day 1	Forenoon	Session 1	<ul style="list-style-type: none"> <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>
		Session 2	<ul style="list-style-type: none"> <li>• Creating Structural Grids</li> <li>• Adding Columns</li> </ul>
			Practice Session
	Afternoon	Session 3	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <li>• Setting the View Display</li> <li>• Duplicating Views</li> <li>• Elevations and Sections</li> </ul>
			Practice session



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

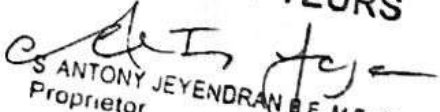




		Session 4	Practice session
Day 5	Forenoon	Session 1	<ul style="list-style-type: none"> <li>• Working With Text</li> <li>• Adding Detail Lines and Symbols</li> <li>• Adding Tags</li> <li>• Adding Rooms and Tags</li> </ul>
		Session 2	Practice session
	Afternoon	Session 3	<ul style="list-style-type: none"> <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 B.E. M.E (Struct.)**  
 Proprietor

[illegible]



**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. A	AB	S. A	AB	S. A	AB	S. A	AB	S. A	AB	S. A	AB
2	922119103002	S. ARAVINTH	S. A	AB	S. A	AB	S. A	AB	S. A	AB	S. A	AB	S. A	AB
3	922119103003	A. CHANDRA PRABHU	A. C	AB	A. C	AB	A. C	AB	A. C	AB	A. C	AB	A. C	AB
4	922119103004	M. HEMARAJ	M. H	AB	M. H	AB	M. H	AB	M. H	AB	M. H	AB	M. H	AB
5	922119103007	C. MAHAVISHNUVARMAN	C. M	AB	C. M	AB	C. M	AB	C. M	AB	C. M	AB	C. M	AB
6	922119103008	P. POORNACHANDRAN	P. P	AB	P. P	AB	P. P	AB	P. P	AB	P. P	AB	P. P	AB
7	922119103010	S. SANJEEVI	S. S	AB	S. S	AB	S. S	AB	S. S	AB	S. S	AB	S. S	AB
8	922119103011	J. SANTHOSH CALVIN	J. S	AB	J. S	AB	J. S	AB	J. S	AB	J. S	AB	J. S	AB
9	922119103012	S. R. SATHEESH KUMAR	S. R	AB	S. R	AB	S. R	AB	S. R	AB	S. R	AB	S. R	AB
10	922119103013	S. SHEIK DAWOOD	S. S	AB	S. S	AB	S. S	AB	S. S	AB	S. S	AB	S. S	AB
11	922119103014	R. SIVA	R. S	AB	R. S	AB	R. S	AB	R. S	AB	R. S	AB	R. S	AB
12	922119103015	P. SURESH KUMAR	P. S	AB	P. S	AB	P. S	AB	P. S	AB	P. S	AB	P. S	AB
13	922119103016	C.R. VIJAY	C. R	AB	C. R	AB	C. R	AB	C. R	AB	C. R	AB	C. R	AB
14	922119103017	A.P.K YOGESH ARASAN	A. P	AB	A. P	AB	A. P	AB	A. P	AB	A. P	AB	A. P	AB
15	9.22119E+11	SAKTHI PRAKASH WARI	S. P	AB	S. P	AB	S. P	AB	S. P	AB	S. P	AB	S. P	AB

HOD/CIVIL

**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	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN	MDHARUN
2	922121103003	KANNAN K	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN	KANNAN
3	922121103005	KAVINNILAVAN S	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN	KAVINNILAVAN
4	922121103006	MUKESH M	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH	MUKESH
5	922121103007	NAGAJOTHI M	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI	NAGAJOTHI
6	922121103008	NAGARAJAN G	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN	NAGARAJAN
7	922121103009	NITHEESH KANNAN P	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH	NITHEESH
8	922121103010	NIVASHINI P	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI	NIVASHINI
9	922121103011	PRAVEEN VENGADESH S	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN
10	922121103012	SHANMUGAPRIYA K	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA	SHANMUGAPRIYA
11	922121103013	SYEAD ABUTHAHIR S	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD	SYEAD
12	922121103301	DINESH KUMAR R	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH	DINESH
13	922121103302	NIRMALADEVI R	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI	NIRMALADEVI
14	922121103303	PRAVEEN R	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN	PRAVEEN
15	922121103304	SUBASHINI G	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI	SUBASHINI
16	TRANSFER	RAGHUL SP	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL	RAGHUL

  
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10.03.2023

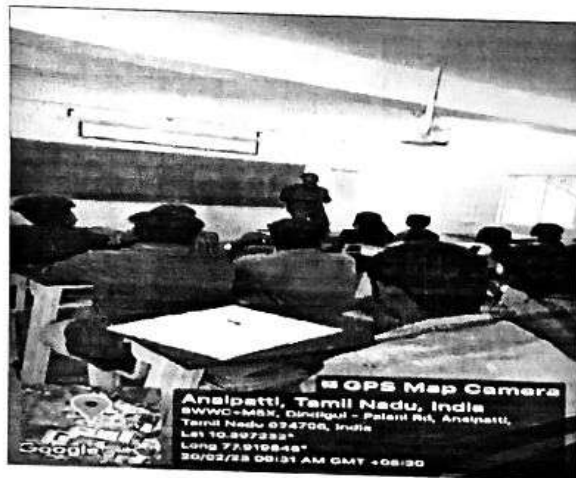
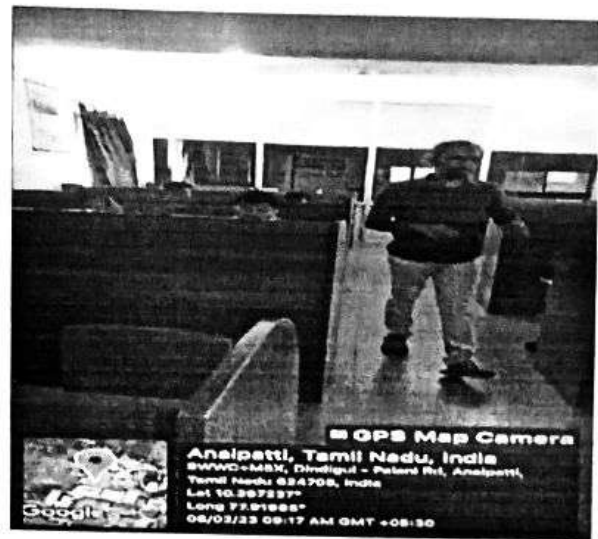
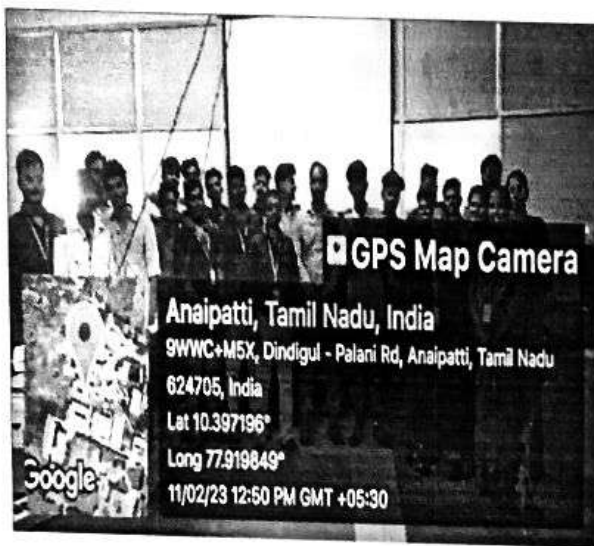
### Department of Civil Engineering Technology Training Report


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/Civib

  
 Principal



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

Dindigul – Palani Highway, Dindigul – 624 002

## REVIT ARCHITECTURE ASSESSMENT

TOTAL MARKS: 50

1. The Word "Revit" stands for \_\_\_\_\_  
a) Revise Elements      b) Revise Instantly      c) Revise views
2. Revit was developed in the year \_\_\_\_\_  
a) 1982      b) 1999      c) 2002
3. The File extension for Revit is \_\_\_\_\_  
a) .rte      b) .rvt      c) .rsp
4. Revit is a product of \_\_\_\_\_  
a) Autodesk      b) Revit Technology      c) Graphisoft.
5. Revit is mainly based on \_\_\_\_\_  
a) Drafting      b) Designing      c) Modelling.
6. The inbuilt options in Revit are stored as \_\_\_\_\_  
a) Libraries      b) Families      c) Elements.
7. The first company who developed Revit was \_\_\_\_\_  
a) Charles River Software      b) Autodesk      c) Bentley.
8. The dimension displayed while creating elements are known as \_\_\_\_\_  
a) Temporary Dimension      b) Listening Dimension      c) Spot Dimension.
9. The main feature in Revit is \_\_\_\_\_  
a) Views of Section & Elevation      b) Parametric Change      c) Annotations & Text.
10. The model graphics styles are of \_\_\_\_\_  
a) Wireframe      b) Shading      c) All the above
11. In Revit which helps to switch over from one to another view \_\_\_\_\_  
a) Design bar      b) Project Browser      c) Options bar
12. The template file in Revit has an file extension of \_\_\_\_\_  
a) .rvt      b) .rte      c) .rfa
13. The customisation of virtual models can be made using \_\_\_\_\_  
a) Families      b) Massing      c) Edit Profile.
14. The height of the wall can be given in \_\_\_\_\_  
a) Options bar      b) Instance Properties      c) Both a&b
15. The instance properties changes is applied for \_\_\_\_\_  
a) Only selected Wall      b) All the wall      c) Default changes.
16. The thickness of an element can be given in \_\_\_\_\_  
a) Instance Properties      b) Type Properties      c) Both a&b

17. The option used to move an object without stretching is \_\_\_\_\_.  
a) Constrain      b) Disjoin      c) Drag
18. The Elevation views are to be displayed for creating \_\_\_\_\_.  
a) Floor plan      b) Levels      c) Ceiling plan
19. The Assign Layer option in Revit is applied to an Wall element in \_\_\_\_\_.  
a) Instance properties      b) Duplicate      c) Type property
20. The creation of Roof is applied in \_\_\_\_\_ View.  
a) Sketch view      b) Plan Region      c) Floor plan
21. The Materials applied to an element can be viewed directly in 3d?  
a) True      b) False.
22. In Revit the Rendering is done using \_\_\_\_\_.  
a) Archi Ray      b) Light Works      c) Mental Ray
23. To create different types of Openings in Wall we can use \_\_\_\_\_.  
a) Wall Opening      b) Edit Profile      c) Wall Sweep
24. How many types of Curtain Walls are available in Wall Selection option \_\_\_\_\_.  
a) One      b) Two      c) Three
25. Creation of Grids and Mullions is done using \_\_\_\_\_ methods.  
a) Two      b) Four      c) Three
26. Legend view in Revit is created using \_\_\_\_\_.  
a) Legend Components      b) Legend Elements      c) Legend Areas
27. Different views can be taken to the sheet using \_\_\_\_\_.  
a) Sheet View      b) Place View      c) Floor plan View
28. After creating the schedules any changes done in Schedule view will be updated in all views.  
a) True      b) False.
29. The Autocad file can be brought to Revit file using \_\_\_\_\_.  
a) Merge      b) Link      c) Import
30. The keyframes in the Walkthrough can be set by the users .  
a) True      b) False.
31. The Walkthrough file can be saved using \_\_\_\_\_.  
a) Save option in 3d      b) Save option in 2d      c) Export
32. The shortcut key used to open Project Units dialog box is \_\_\_\_\_.  
a) U      b) PU      c) UN
33. The Autocad 3d objects can be brought directly to Revit file \_\_\_\_\_.  
a) True      b) False.
34. The colour of the Texture Material cannot be changed directly in Revit \_\_\_\_\_.  
a) True      b) False.
35. What is the purpose of View Cube \_\_\_\_\_.

- a) Displays the view selected in project browser.      b) Works as an orientation control for 3d views.  
c) All the above

36. Host Elements in Revit are of \_\_\_\_\_  
a) Walls      b) Doors      c) Furniture

37. Levels are finite \_\_\_\_\_ elements.  
a) Horizontal      b) Vertical      c) Vertical Extents of wall

38. The Element properties are of two types. They are \_\_\_\_\_ and \_\_\_\_\_.  
a) Instance and Type      b) Type and Elements      c) Type Selector and Instance

39. In Edit Wall join the angle at which Butt & Square off joins will not work \_\_\_\_\_.  
a) 25 degree      b) Less than 25 degree      c) Less than 20 degree.

40. By default Rotate base point starts from \_\_\_\_\_.  
a) Base End point      b) Center point      c) Any point

41. After creating an Array the no of objects can be edited \_\_\_\_\_.  
a) True      b) False.

42. Pinned objects are used to \_\_\_\_\_.  
a) Group the Elements      b) Lock the Elements      c) Resize the Elements

43. The Symbols which displays while fixing the Doors & Windows are known as \_\_\_\_\_.  
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48. The Detail view is used for displaying \_\_\_\_\_.  
a) Construction Details      b) Level Details      c) Section Details

49. Legend view contains \_\_\_\_\_.  
a) Tabular Representation      b) Graphical Representation      c) Design Representation

50. While working with drawing sheets the paper size can be mentioned \_\_\_\_\_.  
a) True      b) False.



A. Alagendiran.  
III year.

# SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dindigul – Palani Highway, Dindigul – 624 002

## REVIT ARCHITECTURE ASSESSMENT

TOTAL MARKS: 50

32  
50

1. The Word "Revit" stands for \_\_\_\_\_  
a) Revise Elements    b) ~~Revise Instantly~~    c) Revise views
2. Revit was developed in the year \_\_\_\_\_  
a) 1982    b) ~~1999~~    c) 2002
3. The File extension for Revit is \_\_\_\_\_  
a) .rte    b) ~~.rvt~~    c) ~~.rsp~~
4. Revit is a product of \_\_\_\_\_  
+ a) Autodesk    b) Revit Technology    c) ~~Graphisoft.~~
5. Revit is mainly based on \_\_\_\_\_  
+ a) Drafting    b) Designing    c) ~~Modelling.~~
6. The inbuilt options in Revit are stored as \_\_\_\_\_  
+ a) Libraries    b) Families    c) ~~Elements.~~
7. The first company who developed Revit was \_\_\_\_\_  
+ a) ~~Charles River Software~~    b) Autodesk    c) Benteley.
8. The dimension displayed while creating elements are known as \_\_\_\_\_  
+ a) ~~Temporary Dimension~~    b) Listening Dimension    c) Spot Dimension.
9. The main feature in Revit is \_\_\_\_\_  
+ a) ~~Views of Section & Elevation~~    b) ~~Parametric Change~~    c) Annotations & Text.
10. The model graphics styles are of \_\_\_\_\_  
+ a) ~~Wireframe~~    b) ~~Shading~~    c) All the above
11. In Revit which helps to switch over from one to another view \_\_\_\_\_  
+ a) ~~Design bar~~    b) ~~Project Browser~~    c) Options bar
12. The template file in Revit has an file extension of \_\_\_\_\_  
+ a) ~~.rvt~~    b) ~~.rte~~    c) .rfa
13. The customisation of virtual models can be made using \_\_\_\_\_  
+ a) ~~Families~~    b) Massing    c) ~~Edit Profile.~~
14. The height of the wall can be given in \_\_\_\_\_  
+ a) Options bar    b) Instance Properties    c) ~~Both a&b~~
15. The instance properties changes is applied for \_\_\_\_\_  
+ a) ~~Only selected Wall~~    b) ~~All the wall~~    c) Default changes.
16. The thickness of an element can be given in \_\_\_\_\_  
+ a) Instance Properties    b) ~~Type Properties~~    c) Both a&b

17. The option used to move an object without stretching is \_\_\_\_\_  
a) Constrain      b) ~~Disjoin~~      c) Drag

18. The Elevation views are to be displayed for creating \_\_\_\_\_  
a) ~~Floor plan~~      b) ~~Levels~~      c) Ceiling plan

19. The Assign Layer option in Revit is applied to an Wall element in \_\_\_\_\_  
a) ~~Instance properties~~      b) Duplicate      c) ~~Type property~~

20. The creation of Roof is applied in \_\_\_\_\_ View.  
+ a) Sketch view      b) ~~Plan Region~~      c) Floor plan

21. The Materials applied to an element can be viewed directly in 3d?  
~~a) True~~      b) False

22. In Revit the Rendering is done using \_\_\_\_\_  
+ a) Archi Ray      b) Light Works      c) ~~Mental Ray~~

23. To create different types of Openings in Wall we can use \_\_\_\_\_  
+ a) ~~Wall Opening~~      b) ~~Edit Profile~~      c) Wall Sweep

24. How many types of Curtain Walls are available in Wall Selection option \_\_\_\_\_  
+ a) ~~One~~      b) Two      c) ~~Three~~

25. Creation of Grids and Mullions is done using \_\_\_\_\_ methods.  
~~a) Two~~      b) ~~Four~~      c) Three

26. Legend view in Revit is created using \_\_\_\_\_  
+ a) ~~Legend Components~~      b) Legend Elements      c) Legend Areas

27. Different views can be taken to the sheet using \_\_\_\_\_  
+ a) ~~Sheet View~~      b) Place View      c) Floor plan View

28. After creating the schedules any changes done in Schedule view will be updated in all views.  
+ a) ~~True~~      b) ~~False~~

29. The Autocad file can be brought to Revit file using \_\_\_\_\_  
+ a) Merge      b) ~~Link~~      c) Import

30. The keyframes in the Walkthrough can be set by the users.  
+ a) ~~True~~      b) ~~False~~

31. The Walkthrough file can be saved using \_\_\_\_\_  
+ a) ~~Save option in 3d~~      b) Save option in 2d      c) ~~Export~~

32. The shortcut key used to open Project Units dialog box is \_\_\_\_\_  
+ a) ~~U~~      b) PU      c) ~~UN~~

33. The Autocad 3d objects can be brought directly to Revit file \_\_\_\_\_.  
+ a) ~~True~~      b) False.

34. The colour of the Texture Material cannot be changed directly in Revit \_\_\_\_\_.  
+ a) ~~True~~      b) False.

35. What is the purpose of View Cube \_\_\_\_\_

- ☒ a) Displays the view selected in project browser.  
☒ c) All the above

☒ b) Works as an orientation control for 3d views.

36. Host Elements in Revit are of \_\_\_\_\_

- ☒ a) Walls ☒ b) Doors ☒ c) Furniture

37. Levels are finite \_\_\_\_\_ elements.

- ☒ a) Horizontal ☒ b) Vertical ☒ c) Vertical Extents of wall

38. The Element properties are of two types. They are \_\_\_\_\_ and \_\_\_\_\_.

- ☒ a) Instance and Type ☒ b) Type and Elements ☒ c) Type Selector and Instance

39. In Edit Wall join the angle at which Butt & Square off joins will not work \_\_\_\_\_

- ☒ a) 25 degree ☒ b) Less than 25 degree ☒ c) Less than 20 degree.

40. By default Rotate base point starts from \_\_\_\_\_

- ☒ a) Base End point ☒ b) Center point ☒ c) Any point

41. After creating an Array the no of objects can be edited \_\_\_\_\_.

- ☒ a) True ☒ b) False

42. Pinned objects are used to \_\_\_\_\_.

- ☒ a) Group the Elements ☒ b) Lock the Elements ☒ c) Resize the Elements

43. The Symbols which displays while fixing the Doors & Windows are known as \_\_\_\_\_.

- ☒ a) Keynote ☒ b) Tag ☒ c) Markers

44. In dimension the length of the arc can be specified by using \_\_\_\_\_

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45. We can edit the title block families that are created with earlier version is updated with a newer version \_\_\_\_\_.

- ☒ a) True ☒ b) False.

46. While activating a viewport placed on a drawing sheet, the drawing sheet will be \_\_\_\_\_

- ☒ a) Active ☒ b) Inactive ☒ c) Invisible

47. What type of Roof is created by default \_\_\_\_\_?

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48. The Detail view is used for displaying \_\_\_\_\_

- ☒ a) Construction Details ☒ b) Level Details ☒ c) Section Details

49. Legend view contains \_\_\_\_\_

- ☒ a) Tabular Representation ☒ b) Graphical Representation ☒ c) Design Representation

50. While working with drawing sheets the paper size can be mentioned \_\_\_\_\_

- ☒ a) True ☒ b) False.

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Dindigul – Palani Highway, Dindigul – 624 002

**REVIT ARCHITECTURE ASSESSMENT****TOTAL MARKS: 50**

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27  
50

17. The option used to move an object without stretching is \_\_\_\_\_  
 a) Constrain      b) Disjoin      c) ~~Drag~~ ☒
18. The Elevation views are to be displayed for creating \_\_\_\_\_  
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 a) Save option in 3d      b) Save option in 2d      c) ~~Export~~ ☒
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 a) 25 degree b) Less than 25 degree c) Less than 20 degree ✗
40. By default Rotate base point starts from \_\_\_\_\_  
 a) Base End point b) Center point c) ~~Any point~~ ✗
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 a) ~~True~~ b) False

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Civil Engineering

STUDENT FEEDBACK FORM

Name of the Student: *A. Nagendran*

Year/Sem: *III yr*

Date *25.02.23*

Dear Student,

You are required to give your feedback on the following aspects.

S No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content		<i>✓</i>			
2	Skill development		<i>✓</i>			
3	Motivation			<i>✓</i>		
4	Regularity and Punctuality of trainer	<i>✓</i>				
5	Coverage of syllabus		<i>✓</i>			
6	Interaction		<i>✓</i>			
7	Individual attention		<i>✓</i>			
8	Outcome		<i>✓</i>			

*Deeniy.*

Faculty In-charge

*PS*  
HOD/Civil

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, DINDIGUL - 624 002

Department of Civil Engineering

STUDENT FEEDBACK FORM

Name of the Student: ANU PRABHA. M


Year/Sem: III yr

Date: 25.02.23

Dear Student,

You are required to give your feedback on the following aspects.

S No	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
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2	Skill development			✓		
3	Motivation			✓		
4	Regularity and Punctuality of trainer		✓			
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome			✓		



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on successful completion of

FOUNDATION IN BUILDING INFORMATION MODELLING using

Revit Architecture 2018- VALUE ADDED COURSE CE\_22\_23\_VAC02 at

SSM Institute of Engineering and Technology, Dindigul - 02,

During February 20<sup>th</sup>, 2023 - February 25<sup>th</sup>, 2023

*Er S Antony Jeyendran*

**Head - Training**

Er S ANTONY JEYENDRAN M.E (Struct) R.V (BB) M.TE FIV

*Er S Sakthivel*

**Course Advisor**

Er S SAKTHIVEL B.E M.TE R.V (BB) FIV  
Structural Consultant Registered Valuer for Wealth Tax (13-2013-2014)

**Date of Issue - March 1<sup>st</sup>, 2023**



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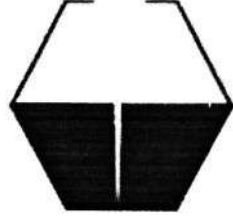
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