



# **SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(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: 2020 – 2021**

### **VALUE ADDED COURSE**

<b>Sl. No</b>	<b>Name of the Course</b>	<b>No. of Students enrolled</b>	<b>No. of Hours</b>	<b>Page Number</b>
<b>1.</b>	<b>Foundation in Computer Aided Structural Analysis and Design (STAAD Pro)</b>	<b>87</b>	<b>45</b>	<b>61</b>
<b>2.</b>	<b>Revit Architecture</b>	<b>30</b>	<b>30</b>	<b>75</b>
<b>3.</b>	<b>Auto CAD</b>	<b>16</b>	<b>30</b>	<b>81</b>

  
**HoD/Civil**



**SSM Institute of Engineering and Technology,  
Dindigul-624002.**

# **DEPARTMENT OF CIVIL ENGINEERING**



**Cadd Technologies School of design Private limited,  
Coimbatore-641 009.**

## **Technology Training**

**AUTO CAD**

**2020-21**

**SECOND YEAR 2020-21**

**SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY****DEPARTMENT OF CIVIL ENGINEERING**

Date: 18-12-2020

**Submitted to the Principal for kind approval:****Sub: Value added course –reg.**

I wish to bring to your kind notice that, In this semester we are going to conduct a value-added course (AutoCAD, Revit Architecture) for our students in association with CADD Technologies Coimbatore. In this connection, I have collected the syllabus and quotations from CAAD Technologies. Hence an approval may kindly be given to initiating the value-added course

**No Students:**

Revit Architecture (III Year) = 30 No's

AutoCAD (II Year) = 16 No's

Thanking You

**Enclosure:**

1. Quotation
2. Syllabus

  
18/12/2020  
HOD

Shall be  
finalised  
before 24/12/20

  
PRINCIPAL





hod civilssmiet <hodcivilssmiet@gmail.com>

## Online Syllabus Content for SSM College Dindugal

1 message

Venkat Raman <ctgvenkat@gmail.com>

Fri, Dec 18, 2020 at 10:54 AM

To: hod civilssmiet <hodcivilssmiet@gmail.com>

Cc: MeenashiSundharam K <projectmeenashi@gmail.com>, kumaresh <ctgkumaresh@gmail.com>

Dear Sir,

At the outset, we thank you so much for your continuous support and opportunity given to conduct value added training for the students of Civil Engineering department.

As discussed with Arul sir we will be sending a syllabus for Autocad and Revit Architecture for 30 hours each.

This includes on line training for an hour every day and two full day sessions for providing hands on training at your college as well.

Training cost would be

Autodesk AutoCAD 30 hrs Rs.1500/- per student.

Autodesk Revit Architecture 30 hrs Rs.1750/- per student.

Deliverables from our side

1. Autodesk license to the students for Utilization.
2. Ekit of drawings for practicing.
3. Course Completion certificate from Autodesk.

Hope this will meet your requirements and looking forward for the schedule at the earliest.

Thanking you once again and assuring you our best services at all times.

### 2 attachments

Revit Architecture - Online.docx  
20K

Autocad - Online.docx  
17K

forwarded to PRINCIPAL.

18/12/2020.

Cadd Technologies School of design Private Limited

Coimbatore

Online Syllabus for AutoCAD Software

Total Hours: 50 Hrs.

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

*[Handwritten signature]*  
18/12/2020



