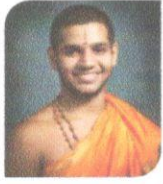


# Shri Madhwa Vadiraja Institute of Technology and Management

Vishwothama Nagar, Bantakal, Udupi-574 115  
A Unit of Shri Sode Vadiraja Mutt Education Trust®



*With the Divine Blessings of*  
**Shri Shri Vishwavallabha Theertha Swamiji**  
( Shri Sode Vadiraja Mutt, Udupi)



**SMVITM-ISTE Student Chapter**

*(In association with)*

**EduCADD - Udupi**



Certification course on

**“3ds MAX & Revit Architecture”**

*from*

13 April 2019, at 09.00 A.M.

Resource person : **Mr. Abhinav**  
*Trainer, EduCADD, Udupi*

**Venue: CAED Lab (Civil Block)**

**HOD, Staff & Students**  
**Department of Civil Engineering, SMVITM**

Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT

Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574 115

Activity Report

Academic Year	2019 - 2020
Name of the Program	<b>Training on Catia software</b>
Date	13/04/2019 – 1/11/2019
Target Audience	30
Resource Person	<b>Mr. Faiz Mohammed, EduCADD Center, Udupi</b>
Number of Participants	30

Detailed report on the activity:

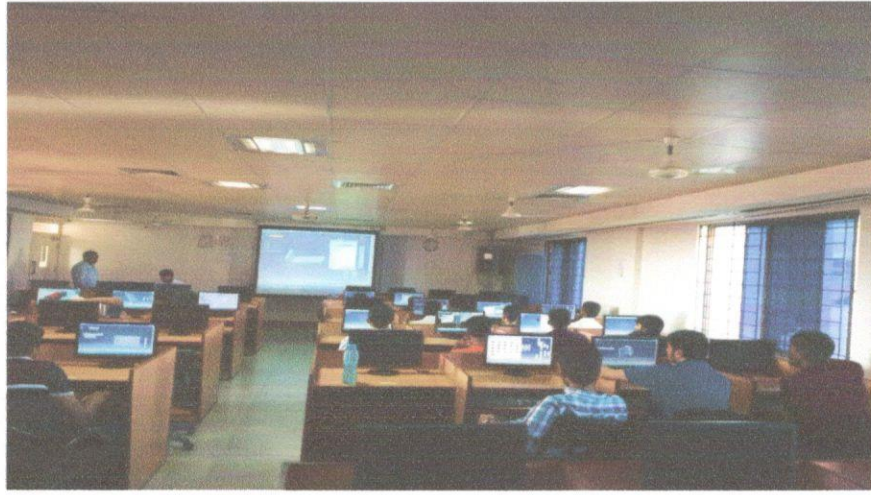
The **Department of Mechanical Engineering** of SMVITM Bantakal was conducted A certificate course on "**Catia software**" from 13/04/2019 to 1/11/2019 on three hours per week basis, for 5<sup>th</sup> Semester Mechanical Department Students by Mr. Faiz Mohammed, Edu CADD Center Udupi. All Catia classes were conducted in CAD Lab, Admin Block of SMVITM.

During the first few weeks students were learnt about the basic features of catia software like file commands, view tool bar, sketch tools, profile tool bar, constraints etc. Later on they learnt about part designs like shafts, combine solids, multi section solids, dress up features, transformation features etc.

In the month of August students were able to learn how to do assembly design, drafting, and generative sheet metal design. Cutting, stamping, transformations, and in the month of September students were able to create wireframe geometry and surface design, and at the last few weeks students were learnt about creating surfaces and performed operations on surfaces.

Soon after the completion of catia course final project was given to the students on 1/11/2019 to check the performance of the students by the Edu CADD center udupi, based on the students' performance the marks and certificates were issued

The catia course classes were conducted smoothly with the support of Professor and Head Department of Mechanical Engineering Dr. Sudarshan Rao, and Mr Lingaraj Ritti, Asst Professor, Mr. Rajashankara and Mr. Nithin Kumar Jain Department of Mechanical Engineering.



Latitude : 13.254242  
Longitude : 74.785666

*Amrscorp*  
Principal  
SHRI RADHIVA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vichwothama Nager, Udupi Dist.  
BANTAKAL - 574 115



# EduCADD

*Leaders Through Quality Education*

## CATIA CURRICULUM

After completing the catia training course students will be able to design a part with advanced techniques using feature-based solids, surface-based features, feature management & methods of building assemblies that anticipate and minimize revisions by create drawings and views, add dimensions annotations with Geometry creation, modification and dress-ups, students 'll be ready to create their own drawings using CATIA.

### MODULE-1 (15 HRS)

- Introduction to CATIA V5
- Navigating the CATIA V5 Environment
- Sketcher Workbench
- Part Design Workbench
- Generative Shape Design Workbench
- Parametric Design
- Sketch Based Features
- Advanced Sketch Based Features
- Transformations
- Evaluating the Model
- Boolean Operations
- Managing Features
- Complex Parts & Multiple Sketch Parts
- Rendering Workbench

### Module-2

- Surface Based Features
- Surface and Wireframe Transformations
- Surface and Wireframe Operations
- Surface Based Features & Multi Section Surfaces
- Surfacing Best Practices

### Module-3

- Tree Management
- Assembly Design Workbench
- Assembly Unit Introduction
- Assembly Overview
- Assembly Structure
- Assembly Terminology
- Assembly Workbench and Toolbars

- Product Specification Tree
- Save Management
- Adding and Removing Components
- Component Reposition Methods
- Component Manipulation
- Snap and Smart Move
- Creating a Bottom-Up Assembly
- Creating a Top-Down Assembly
- Design in Context
- Face and Shape Fillets

#### Module-4

- Setting sheet metal parameters
- Basic sheet metal commands
- Basic sheet metal construction

#### Module-5

- Drafting Workbench
- Setting drafting sheet
- Making projections with model
- Sectioning
- Dimensioning
- BOM, Balloons
- Plotting



Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
BANTAKAL - 574 115

CERTIFICATION PROGRAM ON REVIT ARCHITECTURE SOFTWARE

*Revit - 2019*

SL. NO.	USN	NAME	13/04/19		20/04/19		27/04/19		4/05/19		11/05/19		21/05/19	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	4NW17CV001	PRAJWAL R SUVARNA	✓	✓	✓	AB	✓	✓	✓	AB	AB	AB	✓	✓
2	4NW17CV002	ABHUTH SERIGARA	✓	✓	✓	✓	✓	✓	AB	AN	✓	✓	✓	✓
3	4NW17CV006	ANANYA E V	✓	✓	✓	✓	AN	✓	✓	✓	✓	AN	✓	✓
4	4NW17CV007	GURUPRASAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	AN	✓	AB
5	4NW17CV008	HARSHAVARDHAN N	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	AB
6	4NW17CV011	LAXMISHA SHENDY H	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓
7	4NW17CV012	MOHAMED FAHAD	✓	✓	✓	✓	✓	✓	✓	AB	AB	✓	✓	AN
8	4NW17CV013	MOHAMMED MUJAMMIL MUSHTAQ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	4NW17CV014	NAVEEN HEGDE	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓
10	4NW17CV015	NIKITH	✓	✓	✓	✓	AN	✓	AN	✓	✓	✓	✓	✓
11	4NW17CV016	P GURURAJA RAO	✓	✓	✓	AB	✓	✓	✓	✓	✓	AB	✓	AB
12	4NW17CV017	PAVITHRA	✓	✓	AB	✓	AN	✓	✓	✓	AB	✓	AB	✓
13	4NW17CV019	PRAFULLA SHANTARAM NAYAK	AB	✓	✓	AB	AB	✓	AB	✓	✓	AB	✓	AB
14	4NW17CV021	PREETHAM SHETTY	AB	✓	AB	✓	✓	AN	✓	AB	✓	AN	✓	✓



CERTIFICATION PROGRAM ON REVIT ARCHITECTURE SOFTWARE

SL. NO	USN	NAME	13/04/24		20/04/24		27/04/24		4/05/24		11/05/24		24/05/24	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
15	4MW17CV022	RAKSHA R SHETTY	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
16	4MW17CV024	RITHESH R	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	✓	✓
17	4MW17CV025	SACHIN	✓	✓	✓	✓	✓	✓	✓	✓	AB	✓	AB	✓
18	4MW17CV026	SAFA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AB
19	4MW17CV032	SHYLASHRI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	4MW17CV033	SINDHU	✓	✓	✓	✓	✓	AB	✓	✓	✓	✓	✓	✓
21	4MW17CV034	SOWRAV K	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	4MW17CV035	SRIVATHSA SHETTY	✓	✓	✓	✓	✓	✓	✓	AB	✓	AB	✓	✓
23	4MW18CV400	ARPITHA K G	AB	AB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	4MW18CV404	PRATHYAKSH KUMAR	✓	✓	✓	✓	✓	AB	AB	AB	✓	AB	✓	AB
25	4MW18CV406	SHRINIDHI BHAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

  
 Principal  
 SHRI MADHWA VADIRAJA  
 INSTITUTE OF TECHNOLOGY & MANAGEMENT  
 Vishwothama Nagar, Udupi Dist.  
 BANTAKAL - 574 115



CERTIFICATION PROGRAM CN REVIT ARCHITECTURE SOFTWARE

30S MAX

15/2/2020

SL. NO.	USN	NAME	2/11/19		16/11/2019		19/11/2019		23/11/2019		29/11/2019		FN	AN
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
1	4MWT17CV007	PRAJWAL R SUVARNA ✓	<del>Prj</del>	<del>Prj</del>	-	AB	-	<del>Prj</del>	<del>Prj</del>	<del>Prj</del>	<del>Prj</del>	<del>Prj</del>		
2	4MWT17CV002	ABHUTH SERIGARA ✓	<del>Abh</del>	<del>Abh</del>	-	AB	-	<del>Abh</del>	<del>Abh</del>	<del>Abh</del>	<del>Abh</del>	<del>Abh</del>		
3	4MWT17CV006	ANANYA E V ✓	<del>Ana</del>	<del>Ana</del>	-	AB	-	<del>Ana</del>	<del>Ana</del>	<del>Ana</del>	<del>Ana</del>	AB		
4	4MWT17CV007	GURUPRASAD ✓	<del>Gur</del>	<del>Gur</del>	-	<del>Gur</del>	-	<del>Gur</del>	<del>Gur</del>	<del>Gur</del>	<del>Gur</del>	<del>Gur</del>		
5	4MWT17CV006	HARSHAVARDHAN N ✓	<del>Har</del>	<del>Har</del>	-	<del>Har</del>	-	<del>Har</del>	<del>Har</del>	<del>Har</del>	<del>Har</del>	AB		
6	4MWT17CV011	LAXMISHA SHENOY R ✓	<del>Lax</del>	<del>Lax</del>	-	<del>Lax</del>	-	<del>Lax</del>	<del>Lax</del>	<del>Lax</del>	<del>Lax</del>	<del>Lax</del>		
7	4MWT17CV012	MOHAMED FAHAD ✓	AB	AB	-	<del>Fah</del>	-	<del>Fah</del>	AB	AB	<del>Fah</del>	<del>Fah</del>		
8	4MWT17CV013	MOHAMMED MUZAMMIL MUSHTAQ ✓	AB	AB	-	AB	-	AB	AB	AB	AB	AB		
9	4MWT17CV014	NAVEEN HEGDE ✓	<del>Nave</del>	<del>Nave</del>	-	AB	-	<del>Nave</del>	AB	AB	<del>Nave</del>	<del>Nave</del>		
10	4MWT17CV025	NIKITH ✓	Nikith	Nikith	-	Nikith	-	Nikith	Nikith	Nikith	Nikith	AB		
11	4MWT17CV016	P SURURAJA RAO ✓	<del>P Sur</del>	<del>P Sur</del>	-	AB	-	<del>P Sur</del>	<del>P Sur</del>	<del>P Sur</del>	<del>P Sur</del>	<del>P Sur</del>		
12	4MWT17CV017	PAVITHRA ✓	<del>Pav</del>	<del>Pav</del>	-	<del>Pav</del>	-	<del>Pav</del>	<del>Pav</del>	<del>Pav</del>	<del>Pav</del>	<del>Pav</del>		
13	4MWT17CV019	PRAFULLA SHANTARAM NAYAK ✓	<del>Pray</del>	<del>Pray</del>	-	AB	-	<del>Pray</del>	<del>Pray</del>	<del>Pray</del>	AB	<del>Pray</del>		
14	4MWT17CV021	PREETHAM SHETTY ✓	<del>Pre</del>	<del>Pre</del>	-	<del>Pre</del>	-	<del>Pre</del>	<del>Pre</del>	<del>Pre</del>	<del>Pre</del>	<del>Pre</del>		

~~Abh~~  
~~Prj~~  
~~Gur~~  
~~Har~~  
~~Lax~~

Prasoon  
Prasoon

4MWT17CV018 POORNITHA S ✓

~~Prj~~ ~~Prj~~ - ~~Prj~~ - ~~Prj~~ ~~Prj~~ ~~Prj~~ ~~Prj~~ ~~Prj~~



CERTIFICATION PROGRAM ON REVIT ARCHITECTURE SOFTWARE

3DS Max

15/2/2020 AN

SL. NO.	USN	NAME	2/11/19		16/11/2019		19/11/19		28/11/2019		29/11/2019		FN	AN
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
15	4MW17CV022	RAKSHA R SHETTY ✓	<del>Dr</del>	<del>Dr</del>	-	AB	-	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>		
16	4MW17CV024	RITHESH R ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	AB	<del>Dr</del>	<del>Dr</del>		
17	4MW17CV025	SACHIN ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>		
18	4MW17CV026	SAFA ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>		
19	4MW17CV032	SHYLAHRI ✓	AB	AB	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>		
20	4MW17CV033	SINDHU ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	AB	<del>Dr</del>	<del>Dr</del>		
21	4MW17CV034	SOWRAV K ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	AB	<del>Dr</del>	<del>Dr</del>		
22	4MW17CV035	SRIVATHSA SHETTY ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	AB	<del>Dr</del>	<del>Dr</del>		
23	4MW18CV400	ARPITHA K G ✓	<del>Dr</del>	<del>Dr</del>	-	AB	-	<del>Dr</del>	AB	AB	<del>Dr</del>	AB		
24	4MW18CV404	PRATHYAKSH KUMAR ✓	<del>Dr</del>	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>		
25	4MW18CV406	SHRINIDHI BHAT ✓	AB	<del>Dr</del>	-	<del>Dr</del>	-	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>	<del>Dr</del>		

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

Sathisha

*[Handwritten signature]* AB

*[Handwritten signature]*