

**SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT**

(A Unit of Shri Sode Vadiraja Mutt Education Trust<sup>®</sup>, Udupi)

Accredited by NBA | Accredited by NAAC with 'A' Grade | Affiliated to VTU, Belagavi

Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal-574 115, Udupi District, Karnataka, INDIA



**SMVITM**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Dr. Gajanan Anne  
Associate Professor & HOD

02 November 2021

Mr. Prashanth  
Trainer, EduCADD  
Udupi

Dear sir,


Subject: Requisition to be a resource person for value added program on  
"CATIA"

With reference to above, Department of Mechanical Engineering is planning organize a value added program on "CATIA" in the month of November-December 2021. I am here requesting you to be a resource person for the program.

Thank you.

  
Associate Prof & Head  
(Dr. Gajanan Anne)  
Dept. of Mechanical Engg.  
SMVITM, BANTAKAL 574115



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

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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



**SMVITM**

## Activity Request form

Academic Year	2021-22		
Department/Section/ Committee/Cell	Mechanical Engineering/ Yantrika/ ISTE		
Name of the Activity	CATIA – Value Added Course		
Target Audience	3 <sup>rd</sup> Year and 4 <sup>th</sup> year Mechanical Engineering Students		
Activity Date(s)	12/11/2021 to 15/11/2021 & 27/11/2021 to 30/11/2021	Time	Full day
Venue	CAE Lab		
Resource Person	EduCADD		



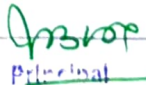
Expected expenditure		
S. No.	Description	Amount
Total		

(Add rows if required)

Source of fund (Sponsorship/Registration fee)		
S. No.	Description	Amount
Total		

(Add rows if required)

Financial support required from the Institute	No
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Sudhan Name of the Coordinator	 Signature with date 11/11/21
 Signature of the HoD (If applicable)	 Principal

SHRI MADHWA VADIRAJA  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
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Remarks by IQAC

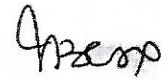
May be conducted


  
Signature

11/11/21

Remarks by Principal

Proceed



Signature

Instructions

Coordinators are requested to get the approval from the Principal at least one week before the activity.

**Name of the activity:**

- Invited Talk, Seminar, Workshop, Competitions
- Placement training programs to Students
- Placement drives
- FDP, EDP, Conference, staff development program
- First year Orientation day, Annual Day, Varnotsava, Graduation day, Sports day, games competitions, Avishkar, IIOT, Project Exhibition, Farewell Program
- Inauguration/Valedictory of Cell/Clubs
- Alumni meet, PTA meet
- College promotional activity, career guidance program

**Target Audience (with expected number of participants):**

Staff- Teaching or Non-teaching/ department

Students - Only registered students/compulsory

- Student details with class and departments

**Resource Person:** Name, Designation, Address and contact Number.

**Expected expenditure:** Includes Honorarium to resource person, TA/DA, Certificates, Food, Banner, Prize money etc.

For the department activity, coordinators are requested to get the approval from the concerned department Heads, and then submit it to IQAC.

IQAC in turn verify the committee perspective plan, activities of the other committees to avoid overlapping of the activities, gives the remarks accordingly and forward the form to the Principal for the approval.

After approval from the Principal, activity shall be conducted.

Activity report with good quality photographs should be sent to the concerned within 2 days of the activity.



Principal

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**SMVITM**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Dr. Gajanan Anne  
Associate Professor & HOD

05 November 2021

**CIRCULAR**

Dear students,

Department of Mechanical Engineering is organizing a value added program on "CATIA" in the month of November-December 2021. Mr. Prashanth, Trainer from EduCADD, Udupi will be the resource person of the program. You are hereby informed to register for the same.

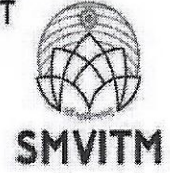
Associate Prof & Head  
Dept. of Mechanical Engg.  
SMVITM, BANTAKAL 574115



For class room circulation:  
(to be read in the class room)

R.P. Yadav 05/11/2021

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



Activity Report

Academic Year	2021-22
Name of the Program	CATIA - value added course
Date	12/11/2021 to 15/11/2021 & 05/12/2021 to 08/11/2021
Target Audience	3rd and 4th year Mechanical Engineering Students
Resource Person	EduCADD
Number of Participants	34

The department of Mechanical Engineering under ISTE Student Chapter had organized a training program on "CATIA software" from 12 November 2021 to 8 December 2021, total 8 days for mechanical engineering students of pre-final and final year at CAD Lab of the institution. The training program was conducted in two halves, 12-15 November and 5-8 December for the whole day. Mr. Prashanth from EduCADD, Udupi conducted hands on sessions on Basics of drafting and modeling in CATIA software. Drafting and creating models was demonstrated to the students and they performed the same in CATIA software. 34 registered students benefited from this training program.

All registered students are provided with certification from Dassault Systems after conducting examination.

  
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## **CATIA Value Added Course - CURRICULUM**

### **MODULE-1**

- 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

  
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- 5
- 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

  
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Vishwathara Nagar, Udipi Dist.  
BANTAKAL - 574 115

### Students Registered for 8 CATIA Training Program

Semester	USN	Name	Email ID	Contact No.
5	4MW18ME004	CHANDAN NELLI M K	chandan.d05@sode-edu.in	9449272949
5	4MW19ME006	LIKHITH	likhith.19me006@sode-edu.in	9686385307
5	4MW19ME008	M V VIGNESH	vignesh.19me008@sode-edu.in	9980021061
5	4MW19ME009	MOHAMMED RIDAN	mohammed.19me009@sode-edu.in	9480340204
5	4MW19ME010	N GAUTHAM BHAT	gautham.19me010@sode-edu.in	7411146644
5	4MW19ME011	NIKHIL KUMAR MOOLYA	nikhil.19me011@sode-edu.in	9686429327
5	4MW19ME013	PRASHANTH	prashanth.19me013@sode-edu.in	8105653503
5	4MW19ME015	RATHAN PATKAR	rathan.19me015@sode-edu.in	9449259575
5	4MW19ME017	SATHWIK S	sathwik.19me017@sode-edu.in	9108641235
5	4MW19ME018	SAYED MOHAMMED HUSSAIN	sayed.19me018@sode-edu.in	8050296686
5	4MW19ME019	SHABARISH R POOJARY	shabarish.19me019@sode-edu.in	9483913169
5	4MW19ME020	SHARON EDEN MENEZES	sharon.19me020@sode-edu.in	9481193487
5	4MW19ME022	SUDEEP DHONDYA	sudeep.19me022@sode-edu.in	8970769267
5	4MW19ME023	SUMANTH GANAPATHI HEGDE	sumanth.19me023@sode-edu.in	9449725114
5	4MW19ME026	PUNITH R	punith.19me026@sode-edu.in	9902706593
5	4MW20ME401	PRATHVIRAJ	prathviraj.20dip01@sode-edu.in	6360774138
5	4MW20ME402	SHARATH KUMAR S	sharath.20lat01@sode-edu.in	8197860900
5	4MW20ME403	SHESHAGIRI VAIKUNTH PAI	sheshagiripai.20dip04@sode-edu.in	9482037793
7	4MW16ME048	MOHAMMED ZAID RAFIQ	zaid.16me048@sode-edu.in	7349137126
7	4MW17ME009	ANIRUDH V AMIN	anirudh.17me009@sode-edu.in	8123843720
7	4MW17ME026	MANISH M J	manish.17me026@sode-edu.in	8050657666
7	4MW17ME033	MOOLYA JATHIN JAYA	jathin.17me033@sode-edu.in	9969435697
7	4MW17ME051	S SUBRAMANYA PRABHU	subramanya.17me051@sode-edu.in	9380097828
7	4MW18ME001	AMISH SHEREGAR	amish.18me001@sode-edu.in	8104279663
7	4MW18ME007	DHRUVA SHETTY	dhruva.18me007@sode-edu.in	9480968434
7	4MW18ME008	GAURAV S ACHARYA	gaurav.18me008@sode-edu.in	8722913494
7	4MW18ME010	AKSHAY K RAO (K Akshay Rao)	akshay.18me010@sode-edu.in	9731747351
7	4MW18ME011	K DAMODHAR BHAT	damodhar.18me011@sode-edu.in	7090264355
7	4MW18ME012	KISHAN M	kishan.18me012@sode-edu.in	7406215787
7	4MW18ME016	NANDANA S S	nandana.18me016@sode-edu.in	7259436261
7	4MW18ME017	NIKHIL SHETTY	nikhil.18me017@sode-edu.in	8150865331
7	4MW18ME019	PAI SUJAY MOHAN	sujay.18me019@sode-edu.in	8884886486
7	4MW18ME024	SHOBITH HEGDE	shobith.18me024@sode-edu.in	9449429183
7	4MW18ME026	SRIJAN N SUVARNA	srijan.18me026@sode-edu.in	9480492422

  
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 DEPARTMENT OF MECHANICAL ENGINEERING



Attendance of Value Added Course on "CATIA"

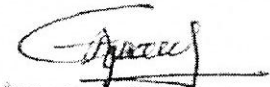
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1	4MW16ME048	MOHAMMED ZAID RAFIQ	P	P	P	P	P	P	P
2	4MW17ME009	ANIRUDH V AMIN	P	P	P	P	P	P	P
3	4MW17ME026	MANISH M J	P	P	P	P	P	P	P
4	4MW17ME033	MOOLYA JATHIN JAYA	P	P	P	P	P	P	P
5	4MW17ME051	S SUBRAMANYA PRABHU	P	P	P	P	P	P	P
6	4MW18ME001	AMISH SHEREGAR	P	P	P	P	P	P	P
7	4MW18ME004	CHANDAN NELLI M K	P	P	P	P	P	P	P
8	4MW18ME007	DHRUVA SHETTY	P	P	P	P	P	P	P
9	4MW18ME008	GAURAV S ACHARYA	P	P	P	P	P	P	P
10	4MW18ME010	AKSHAY K RAO (K Akshay Rao)	P	P	P	P	P	P	P
11	4MW18ME011	K DAMODHAR BHAT	P	P	P	P	P	P	P
12	4MW18ME012	KISHAN M	P	P	P	P	P	P	P
13	4MW18ME016	NANDANA S S	P	P	P	P	P	P	P
14	4MW18ME017	NIKHIL SHETTY	P	P	P	P	P	P	P
15	4MW18ME019	PAI SUJAY MOHAN	P	P	P	P	P	P	P
16	4MW18ME024	SHOBITH HEGDE	P	P	P	P	P	P	P
17	4MW18ME026	SRIJAN N SUVARNA	P	P	P	P	P	P	P
18	4MW19ME006	LIKHITH	P	P	P	P	P	P	P
19	4MW19ME008	M V VIGHNESH	P	P	P	P	P	P	P
20	4MW19ME009	MOHAMMED RIDAN	P	P	P	P	P	P	P
21	4MW19ME010	N GAUTHAM BHAT	P	P	P	P	P	P	P
22	4MW19ME011	NIKHIL KUMAR MOOLYA	P	P	P	P	P	P	P

*[Signature]*  
Principal

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 Vishwothama Nagar, Udupi Dist.  
 BANTAKAL - 574 115

23	4MW19ME013	PRASHANTH	P	P	P	P	P	P	P
24	4MW19ME015	RATHAN PATKAR	P	P	P	P	P	P	P
25	4MW19ME017	SATHWIK S	P	P	P	P	P	P	P
26	4MW19ME018	SAYED MOHAMMED HUSSAIN	P	P	P	P	P	P	P
27	4MW19ME019	SHABARISH R POOJARY	P	P	P	P	P	P	P
28	4MW19ME020	SHARON EDEN MENEZES	P	P	P	P	P	P	P
29	4MW19ME022	SUDEEP DHONDYA	P	P	P	P	P	P	P
30	4MW19ME023	SUMANTH GANAPATHI HEGDE	P	P	P	P	P	P	P
31	4MW19ME026	PUNITH R	P	P	P	P	P	P	P
32	4MW20ME401	PRATHVIRAJ	P	P	P	P	P	P	P
33	4MW20ME402	SHARATH KUMAR S	P	P	P	P	P	P	P
34	4MW20ME403	SHESHAGIRI VAIKUNTH PAI	P	P	P	P	P	P	P

  
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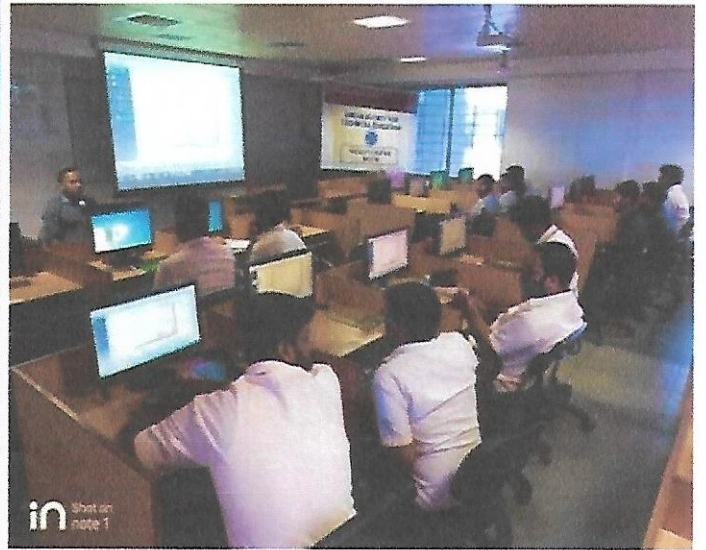
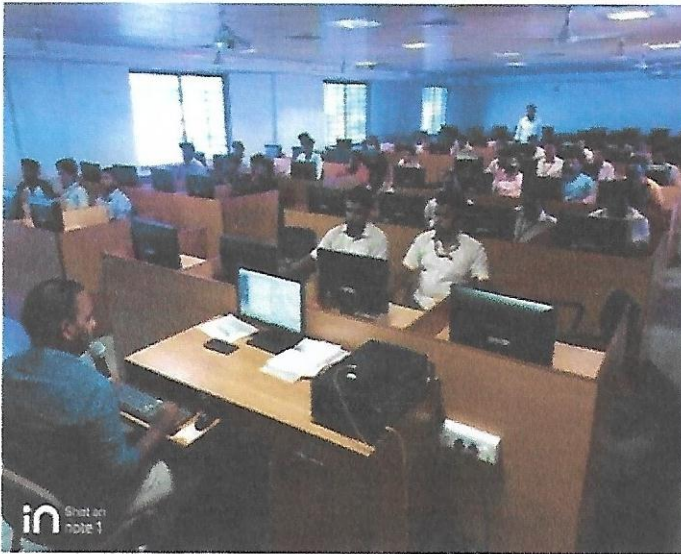
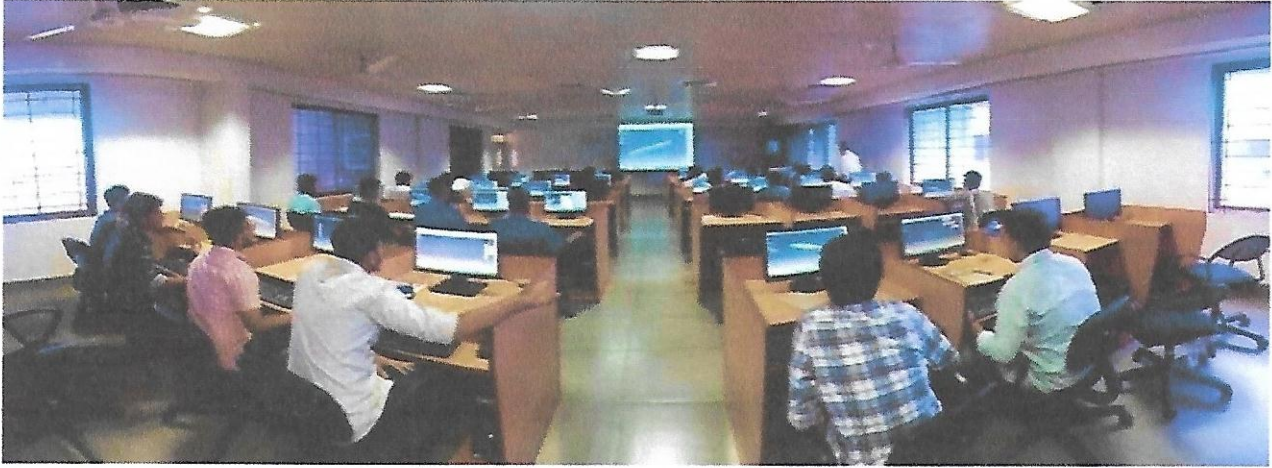
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## Photos



Latitude: 13.254405  
Longitude: 74.785144

Tel: +91 820 258 9182 / 9183 | Fax: +91 820 2589184 | Mobile: 7483031199 | E-Mail: info@sode-edu.in | Website: www.sode-edu.in

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



# CERTIFICATE OF ATTENDANCE



**EduCADD Learning Solutions** on behalf of  
Dassault Systèmes certifies that

**Sharon Eden Menezes**

has successfully completed the training course  
**CATIA V5 Fundamentals**



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*Certified Instructor: Bharath*  
*Held in INDIA, 01 December-30 December 2021*

RT-TE3WKRING

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

# CERTIFICATE OF ATTENDANCE



**EduCADD Learning Solutions** on behalf of  
Dassault Systèmes certifies that

**Sheshagiri Vaikunth Pai**

has successfully completed the training course  
**CATIA V5 Fundamentals**



*Certified Instructor: Bharath  
Held in INDIA, 01 December-30 December 2021*

AT-UVRQIARRE

*Inscop*

Principal  
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**DEPARTMENT OF MECHANICAL ENGINEERING**



**SMVITM**

Dr. Gajanan Anne  
Associate Professor & HOD

08 December 2021

**Letter of Appreciation**

This is to place on record our sincere appreciation to Mr. Prashanth, Trainer, EduCADD, Udupi for being a resource person for the value added program on "CATIA" organized by Department of Mechanical Engineering from 12-15, 27-30 November 2021 and 05-08 December 2021.

Thank you.

Associate Prof & Head  
(Dr. Gajanan Anne)  
SMVITM, BANTAKAL 574115



Principal

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