

# SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

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

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

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



SMVITM

## DEPARTMENT OF CIVIL ENGINEERING

### Registered Student list - Value added course on REVIT

SNo.	USN	Student Name	Signature
1.	4MW20CV001	ABHISHEK KUMAR	Abhishek Kumar
2.	4MW20CV002	HUNBATT THUBRU	Hunbatt Thubru
3.	4MW20CV003	SAINBOR LYNGKHOI	Sainbor Lyngkhoi
4.	4MW20CV004	SHRAVAN V POOJARY	Shraavan V Poojary
5.	4MW20CV005	TANMAY V SHETTY	Tanmay V Shetty
6.	4MW21CV400	G AKSHATHA	G Akshatha
7.	4MW21CV401	MADHURA UMESH NAIK	Madhura Umesh Naik
8.	4MW21CV402	MOHAMMED RAZIN	Mohammed Razin
9.	4MW21CV403	NETRAVATI V MOGER	Netravati V Moger
10.	4MW21CV404	P HRUSHIKESH	P Hrushikesh
11.	4MW21CV405	SOUJANYA GANAPATI PAI	Soujanya Ganapati Pai
12.	4MW19CV001	AAYUSH KUMAR	Aayush Kumar
13.	4MW19CV002	ADARSH	Adarsh
14.	4MW19CV003	ADITHYA KRISHNA BHAT	Adithya Krishna Bhat
15.	4MW19CV004	AKASH B ACHARYA	Akash B Acharya
16.	4MW19CV005	AKHILESH	Akhilesh
17.	4MW19CV006	ANWITHA	Anwitha
18.	4MW19CV007	CHAITRA RAMANNAVAR	Chaitra Ramannavar
19.	4MW19CV010	PRAJWAL	Prajwal
20.	4MW19CV011	PRIYANKA DSOUZA	Priyanka Dsouza
21.	4MW19CV012	SHRAVAN KUMAR	Shraavan Kumar
22.	4MW19CV014	SINCHANA	Sinchana
23.	4MW19CV015	SONU KUMAR YADAV	Sonu Kumar Yadav
24.	4MW19CV017	VARUN	Varun
25.	4MW19CV018	VINUTH CS	Vinuth CS
26.	4MW19CV019	VYBHAV S KOTIAN	Vybhav S Kotian
27.	4MW20CV402	RENUKA MALLIKARJUNA	Renuka Mallikarjuna
28.	4MW20CV403	SANDHARSH R ACHARYA	Sandharsh R Acharya

*[Signature]*  
Principal

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

27<sup>th</sup> August 2022

To,

**The Management**

**Shri Madhwa Vadiraja Institute of Technology and Management,  
Bantakal**

Dear Sir,

**Sub: - Proposal for conducting Revit Architecture, Staad Pro &  
Primavera training program for students.**

Greetings from EduCADD Udupi.

We Thank you for giving the opportunity to conduct the Skill Development Training to your students from last 5 years. We are happy that during this period we successfully conducted the classes in your esteemed Campus.

In continuation with the discussion, we had with HOD - Civil Engineering, Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal and Mr. Abhinav Hegde, Centre Manager EduCADD, Udupi, we are happy to give our best proposal for Revit Architecture, Staad Pro & Primavera Courses.

We would like to introduce ourselves on pioneer in imparting Design training education in the field of Civil, Mechanical and Project Management. EduCADD Udupi has its more than 100 training institutes across India and abroad.

EduCADD is specialized in conducting training in various CAD Software solutions including Revit Architecture, 3DS MAX, Staad Pro & Primavera having its branch of business at 2<sup>nd</sup> Floor, Hayath Towers, Above Jockey Showroom, Near City Bus Stand, Manipal Road, Udupi.

  
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#### Objectives of Revit Architecture: -

- Revit Architecture course empower you with the powerful features of Revit.
- Course aims to make participants more productive by giving them the ability to produce drawings and redefine images of buildings and help navigate user interface, architectural objects such as floor, walls, roofs, windows, and stairs.
- This course will assist in the creation of schematic design through construction documentation.
- Completing this course students and professionals can work with BIM technology and look for designations such as Revit technicians (Architecture) or Revit BIM modelers and Interior BIM professionals.

#### Objectives of Staad Pro: -

- Certification program in Staad Pro will help students and professionals to learn and master Staad Pro software.
- The candidates will also learn the basics of Analysis and Design along with Structural Detailing.
- The powerful course will increase the productivity and performance of the individual.
- The primary objective of this course is to teach students the essentials of working in the software using an array of features and tools.

#### Objectives of Primavera: -

- Certification program in Primavera will help students and professionals to learn and master the Project Planning & Management Software.
- The candidates will learn Planning, Scheduling & Updating the project by using the Software.
- The course will also help individuals to estimate the Cost of the Project.
- The objective of this course is to Plan & Execute the Project.

  
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**STAAD PRO CURRICULUM**

- Introduction to Staad Pro
- Classifications of Structures
- Structure Geometry and Co-ordinate Systems
- How to generate Joints and Members
- How to assign Structural boundary conditions
- How to generate Loads and Load combinations
- Linear Static Analysis
- How to generate Elements and Element Mesh
- How to generate Elements Loads
- RCC Design as per IS456 (Beams, Columns and Slabs)
- Steel Design as per IS800

**PRIMAVERA CURRICULUM**

- Introduction to Project Management
- Understanding Project Context and Parameters
- Creating Enterprise Project Structure (EPS)
- Organizing Breakdown Structures (OBS)
- Creating Projects, Activities, Calendar
- Network Analysis: CPM
- Scheduling the Project
- Work Breakdown System (WBS)
- Codes- Activity, Project Resources
- Resources Definition and assigning Resources to Activities
- Levelling Resources
- Creating baseline and assigning to Project
- Updating the Project
- Generation of Reports

Keeping in view the value additions during the academic progress of the students and towards creating better awareness and protégé of CAD Software to enhance their employability skills. We kindly request you to accept this proposal and commence the courses on mutually agreeable dates.

Hope you will kindly do the needful and oblige

Thanking you

Yours sincerely

(Abhinav Hegde)

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## COURSE DURATION

Course	Duration
Revit Architecture	40 Hours
Staad Pro	40 Hours
Primavera	40 Hours

## REVIT ARCHITECTURE CURRICULUM

- Introduction to Interface and Sketching
- Walls, Floors and Ceilings
- Editing Types
- Doors and Windows
- Views visibility and Sheets
- Levels
- Components –Categories and Subcategories
- Roofs
- Wall schedule
- Site Designs
- Walk –through and Rendering
- Project

  
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SHRI MADHWA VADIRAJA  
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Vijayalakshmi Nagar, Udipi Dist.  
Kannur - 574 115

# EduCADD

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*The EduCADD Training  
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## Certificate of Completion

This **Certificate** accredits that

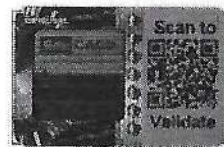
**AAYUSH KUMAR**

has **successfully** completed the **course** in :

**MASTERS IN CIVIL CAD**

at **EduCADD Learning Solutions, UDUPI**

**June-2023**



Executive Vice President Training, EduCADD

EduCADD Certified Trainer, **ABHINAV HEGDE**

Date of issue : **21-Sep-2023**

Certificate No : **KA/ECNM/036-33109**

Principal

**SRIJADHVA VADRAJA**  
INSTITUTE OF TECHNOLOGY & MANAGEMENT  
Vishwothama Nagar, Udupi Dist.  
PANTAKAL - 574 115

## Revit Architecture

Introduction to Revit Architecture  
Building Information Modeling  
Starting a Project  
Project Settings  
Modeling Basics  
Wall, Door, Components, Windows, Roof  
Floor and Slab  
Railing, Ramp, Stair  
Linking Revit and CAD File  
Import CAD / Decal  
Room Areas and Openings  
Annotation Details  
Dimensions /Detail  
View and Sheet Composition  
Walkthrough and Render  
Massing & Site  
The Basics of Family  
Extrusion, Blend, Revolve  
Sweep and Blend Sweep

**Duration-80 Hrs**

## STAAD Pro

Introduction: Staad pro  
Staad pro editor  
Co-ordinate systems  
Global & local co-ordinate systems  
Creating a new project using Staad pro  
For multiple member Add beam  
Creating models using structure wiz  
Member offset  
Material specification  
Group specification  
Uniform fence & moment  
Creating load combination  
Creating load Envelop  
Concentrated load  
Generating surface meshing  
Steel Design as per IS.800  
Auto member generation  
Over head water tank Design  
Slab Design: One way slab  
Two way slab  
Stair case design

**Duration-80 Hrs**

## Primavera

Introduction to Primavera  
Creating EPS and OBS  
Work Breakdown Structure  
Budgeting  
Adding Activities  
Relationship  
Resource and Roles  
Assigning Resource and Leveling  
Baseline  
Scheduling  
Thresholds, Issues, Risk  
Report Setup  
Creating Project Website  
Export and Import

**Duration-60 Hrs**

*Arjun*

Principal

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