

KRISHNASAMY

College of

ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University

Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.

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DEPARTMENT OF CIVIL ENGINEERING

Date : 24.07.2024

CIRCULAR


Ref.: KCET/CIVIL/VAC/CIRCULAR/2023-24/03.

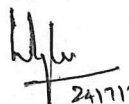
The following Value-Added Course will be conducted during the academic year 2023-2024 Even Semester. The course will be conducted from 05.08.2024 to 10.08.2024..

Students are instructed to register their names for the course allotted to them.

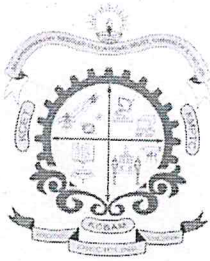
Note: Students are instructed to attend the program without fail.

S. No.	Course Code	Name of the Course	Year / Sem	No. of Period	Course Coordinator
1	CE-VAC2303	BASIC REVIT SOFTWARE APPLICATION IN CIVIL ENGINEERING	III / VI	30	Er.C.Sureshkumar AP/Civil


HoD/CIVIL


24/7/24
Vice-Principal


25/7/24
Principal



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SYLLABUS

COURSE CODE CE-VAC2203
COURSE NAME BASIC REVIT SOFTWARE APPLICATION IN CIVIL
ENGINEERING

COURSE OBJECTIVES

- To know about basic terminology in Revit software.
- Get knowledge for Planning of simple building.
- To understand the tools in Revit software
- To know the elements design in drawing.
- To understand the levels of drawing standards.

Module I : Introduction

Introduction to Autodesk Revit Architecture -User Interface Tour - Browsers, Bars, Palettes and Windows - Revit Architecture Help.

6

Module II Operation

Starting an Architectural Project - Starting a New Architectural Project - Navigation Tools - Configuring Global Settings

6

Module III : Creation

Creating Walls -Creating Architectural Walls - Creating Architectural Walls II - Basic Building Components-Adding Doors -Adding Windows and Wall Openings - Editing Tools -Working with Selection Sets - Editing Tools

6

Module IV : Structural Elements

Elements -Retrieving Information About Elements

6

Module V : Project creation

Datum Planes and Creating Standard Views - Levels - Grids - Reference Planes and Work Planes -Controlling the Display of Elements -Working with Project.


6

Total No. of Periods 30

COURSE OUTCOMES

on completion of this course the student will be able to:

- Draw the plan and section easily.
- Know about tools using in this software.
- Identify the structural element information.
- Creations of building components.
- Knowledge about project creation in the planes.


HOD / CIVIL