



**PRAKASAM**  
ENGINEERING COLLEGE

Department of CIVIL

Summary Sheet of Value added Courses Conducted

ACADEMIC YEAR 2022-23

S. No	Name of the Event	Type of the Event	Course Code	Number of Hours	Number of Students Enrolled
1	Project management in primavera	Value added course	2022-23/PEC/CIVIL/VAC06	30 Hrs	75
2	Project in Google SketchUp	Value added course	2022-23/PEC/CIVIL/VAC07	32 Hrd	68



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PRAKASAM  
ENGINEERING COLLEGE

**Value added course**

<b>Document ID:</b>	2022-23/PEC/CIVIL/VAC06	<b>Document Name:</b>	Report
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*Course Summary Report*

Virtual value added-courses in "VAC06 – Project management in primavera" were organized by the Department of Civil engineering at prakasam engineering college from October 15 to October 21, 2022. The total period of course is 30 hours. Totally, 75 students have enrolled of this course and participated during the course. The institutes Principal, Dr. Ch. Ravi kumar appreciated the Departments efforts and congratulated the student for participating. Thanks to entire faculty and co-coordinator, the event was success

Students in the course obtained the following outcomes:

- To finish a project starting right from project planning, Scheduling, Allocating resources and monitoring and control.
- Ability to use the various Accessories instruments and known its application and limitation

Coordinator

HOD

Principal

PRINCIPAL  
PRAKASAM ENGINEERING COLLEGE  
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CHIEF PATRON  
Dr.K.Ramaiah  
Secretary & Correspondent  
Prakasam Engineering college Kandukur

PATRON  
Dr.CH.Ravi Kumar<sup>M.Tech.,Ph.D.</sup>  
Principal  
Prakasam Engineering college Kandukur

CONVENER  
Dr.R.V.S RAGHAVA SARMA<sup>M.Tech.,Ph.D.</sup>  
Head of Department  
Department of CIVIL Engineering  
Prakasam Engineering college Kandukur

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ENGINEERING COLLEGE

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Value Added Course

on

VAC06—Project Management in Primavera

15-10-2022 to 21-10-2022

Organized by  
CIVIL Engineering.



venue:B3/F2/19/SKILL LAB-2

For any details, please contact  
Course in-charge  
Mr.V.SRINU<sup>M.Tech.</sup>  
Assistant Professor  
8555890732

## COURSE OBJECTIVES

To provide knowledge of Total Station & advanced surveying instruments. Develop skills in using Total Station & advanced surveying instruments and analyse data. Develop skills to set out Curves in the field using both Total Station and Theodolite. Develop skills to

## COURSE OUT COME (COS)

At the end of the course, Students can able to

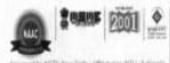
1. Use total station in the field of civil engineering land survey
2. Summarize the basic principles of GPS and GIS in civil engineering.
3. Manage the suggested or identified constructional problems, solve in teams, in order to improve future problem solving ability and able to present it

## CONTENT

The Project Management Life-cycle, Introduction to Primavera Skills required for Planning Executing Process Group Monitoring and Controlling Process Group The Enterprise Project Structure, Understanding the purpose of the Enterprise Structure Understanding the project status options, Modifying project settings, Creating and using project codes The Work Breakdown Structure (WBS) Preparation of a best-practice WBS, Creating a WBS Activities and their attributes, Activity types and importance in building Creating new activities, Creating and assigning activity codes, Relationships and Constraints, Relationship types in Primavera, Creating relationships Understanding the forward and backward pass and CPM Modifying the grouping of project data, Sorting data in a table Using filters to control the data displayed Modifying the appearance of the Gantt chart

## EMINENT SPEAKER

Dr.Ch.Lalith Kumar  
Asst. Professor  
S S N Engineering College



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**Value added course**

**Document ID:** 2022-23/PEC/CIVIL/VAC07

**Document Name:**

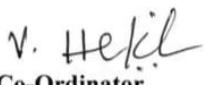
Report

**Course Summary Report**

Virtual value added-courses in “CVL07- Project in Google SketchUp” were organized organized by the Department of Civil engineering at prakasam engineering college from March 13 to March 18, 2023. The total period of course is 32 hours. Totally, 68 students have enrolled of this course and participated during the course. The institutes Principal, Dr. Ch. Ravi kumar appreciated the Departments efforts and congratulated the student for participating. Thanks to entire faculty and co-coordinator, the event was success

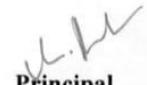
Students in the course obtained the following outcomes:

- To finish a project starting right from project planning, Scheduling, Allocating resources and monitoring and control.
- Ability to use the various Accessories instruments and known its application and limitation

  
V. Hejl

Co-Ordinator

  
HOD

  
Principal  
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Head of Department  
Department of CIVIL Engineering  
Prakasam Engineering college Kandukur

Co-Ordinator

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Value Added Course

on

VAC07-Goole sketch up

13-03-2023 to 18-03-2023

Organized by  
CIVIL Engineering.



venue:PEC/3/4/SKILL LAB-VI

For any details, please contact

Course in-charge  
Mr.V. HARI KISHORE  
Assistant Professor  
9703144229

COURSE OBJECTIVES

Introduction to Google SketchUp: Participants will be introduced to the Google SketchUp interface, tools, and workflow. They will gain an understanding of the software's features, including creating basic shapes, manipulating geometry, and applying materials.

Creating 3D Models: This module covers the fundamentals of creating 3D

COURSE OUT COME (COS)

At the end of the course, Students can do the following:

- Confidence in navigating and identifying the various tools and menus interface of SketchUp the web based version.
- Gaining hands on experience in creating various simple objects using SketchUp tools.
- Ability to start applying the skills learned on your own to create a more

CONTENT

Create surfaces from lines, Create surfaces from circles  
Generate surfaces from polygons, Generate surfaces from arcs

Demonstrating stickiness of geometry using Sketchup  
View a model in 3D, Create surfaces from lines in 3D  
Demonstrate stickiness of geometry in 3D  
Create geometry with the Push/Pull tool  
Move entities to manipulate geometry  
Lock inferences, Generate form quickly,  
Restore/Heal a surface  
Mirroring a model, Creating an array, Applying materials  
Creating 3D Text, Using the text tools, Adding text Placing text  
Alter a model using Sketchup Styles  
Position and export models

EMENANT SPEAKER

Dr.M C C Varthi  
Assistant Professor  
Samuel Geroge Engineering College

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