



**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

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 in this course and participated during the course. The institute's Principal, Dr. Ch. Ravi kumar appreciated the Department's efforts and congratulated the student for participating. Thanks to the entire faculty and co-coordinator, the event was successful.

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 know its application and limitation

Co-ordinator

HOD

Principal

**PRINCIPAL**  
PRAKASAM ENGINEERING COLLEGE  
KANIGIRI ROAD  
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S.P.S.R. Nellore Dt, (A.P.)



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**CHIEF PATRON**  
**Dr.K.Ramaiah**  
Secretary & Correspondant  
Prakasam Engineering college Kandukur

**PATRON**  
**Dr.CH.Ravi Kumar** M.Tech., Ph.D.  
Principal  
Prakasam Engineering college Kandukur

**CONVENER**  
**Dr.R.V.S RAGHA SARMMA** M.Tech., Ph.D.  
Head of Department  
Department of CIVIL Engineering  
Prakasam Engineering college Kandukur

**Co-Ordinator**  
**Mr.V.SRINU** M.Tech.  
Assistant Professor

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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**  
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

## EMENANT SPEAKER

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



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## 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





**PRAKASAM**  
ENGINEERING COLLEGE



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 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. Hekil*  
Co-Ordinator

*[Signature]*  
HOD

*[Signature]*  
Principal  
PRINCIPAL  
PRAKASAM ENGINEERING COLLEGE  
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### CHIEF PATRON

**Dr.K.Ramaiah**

Secretary & Correspondant  
Prakasam Engineering college Kandukur

### PATRON

**Dr.CH.RaviKumar** M.Tech., Ph.D.  
Principal

Prakasam Engineering college Kandukur

### CONVENER

**Dr.R.V.S RAGHAVA SARMA** M.Tech., Ph.D.  
Head of Department

Department of CIVIL Engineering  
Prakasam Engineering college Kandukur

### Co-Ordinator

**CHADALA RAVI KISHORE** M.Tech.  
Assistant Professor  
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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 able to

- 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

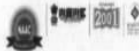
Create surfaces from lines, Create surfaces from circles  
Generate surfaces from polygons, Generate surfaces from arcs

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 George Engineering College

**CHADALA RAVI KISHORE** M.Tech.  
Assistant Professor  
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