SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech. IV Year I Semester Regular & Supplementary Examinations October/November-2025
PROJECT PLANNING AND CONTROL
(Open Elective – IV)

Time: 3 Hours   **Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

1	Describe various phases involved in project management and also Explain it in brief.	CO1	L3	12M

OR

2	Explain why planning is necessary. Describe various steps for planning a project.	CO1	L3	12M

UNIT-II

3	What are the steps involved in development of a network. Explain briefly with example.	CO2	L1	12M

OR

4	What are common partial situation in network and how it represents?	CO2	L2	12M

UNIT-III

5	a	Explain briefly about determination of time computations.	CO3	L3	6M
	b	Discuss briefly about computation of Expected time, Critical Path and Slack.	CO3	L3	6M

OR

6	a	Define PERT? What are the uses of PERT.	CO3	L3	6M
	b	What are the different types of time estimates involved in PERT? Explain in detail.	CO3	L3	6M

UNIT-IV

7	What is CPM Network analysis? Explain in detail.	CO4	L2	12M

OR

8	Define float and its types? Explain computation of different types of floats.	CO4	L2	12M

UNIT-V

9	Differentiate between project cost and optimum duration in detail with neat sketch.	CO5	L2	12M

OR

10	Explain about Resources usage profiles histograms.	CO5	L3	12M

*** END ***