

Code: 20CS4702B

**IV B.Tech - I Semester – Regular Examinations - DECEMBER 2023**

**SOFTWARE PROJECT MANAGEMENT  
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

Note: 1. This paper contains questions from 5 units of Syllabus. Each unit carries 14 marks and have an internal choice of Questions.

2. All parts of Question must be answered in one place.

BL – Blooms Level

CO – Course Outcome

			BL	CO	Max. Marks
<b>UNIT-I</b>					
1	a)	Explain the characteristics of a Project.	L2	CO1	7 M
	b)	What is the criteria for the success of a project?	L2	CO1	7 M
<b>OR</b>					
2		Explain the key ways in which managing an outsourcing project differs from a product development project.	L2	CO1	14 M
<b>UNIT-II</b>					
3		Apply portfolio management for a project and discuss about the difficulties.	L3	CO2	14 M

<b>OR</b>					
4	a)	Discuss about the various types of Benefits Management?	L2	CO1	7 M
	b)	Explain i) Cost-benefit analysis ii) Aids to Programme Management.	L2	CO1	7 M
<b>UNIT-III</b>					
5	a)	Analyze the Pros and Cons of Build or Buy Project.	L4	CO4	7 M
	b)	Describe the importance of using the Software Prototyping.	L2	CO1	7 M
<b>OR</b>					
6	a)	Discuss about the Spiral model.	L2	CO1	7 M
	b)	Explain Software Processes and Process Models.	L2	CO1	7 M
<b>UNIT-IV</b>					
7	a)	Analyze the need of Basis for Software Estimating.	L4	CO4	7 M
	b)	Explain the Problems with Over-and Under-Estimates.	L2	CO1	7 M

<b>OR</b>							
8	Discuss in detail about the COSMIC Full Function Points.			L2	CO1	14 M	
<b>UNIT-V</b>							
9	a)	Mention the various Categories of Risk.			L2	CO1	7 M
	b)	Explain i) Risk Planning ii) Risk Management.			L2	CO1	7 M
<b>OR</b>							
10	Discuss in detail about the Risk Assessment.			L2	CO1	14 M	