

SWARNANDHRA
COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
SEETHARAMPURAM, NARSAPUR-534280, WG- DT, AP
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

TEACHING PLAN

Course Code	Course Title	Year / Sem.	Branch	Contact Hr/ week	Academic Year	Date of Commencement of Semester
20MC2L02	UML	II/IV	MCA	3	2022-23	27.03.2023

Course Outcomes (COs): At the end of the course, student will be able to .

Course Outcomes		Knowledge Level (K)#
CO1	Develop the Problem Statement for the a System	K2
CO2	Develop SRS for Systems.	K3
CO3	Develop ER for Systems	K3
CO4	Identify Project Metrics	K3
CO5	Develop UML Models for Systems	K4

Document the Software Project Management and Software Engineering activities for the following Projects

1. Library Management System
2. Automatic Teller Machine
3. Railway Reservation System

S. No	EXERCISE/PROGRAM	Proposed Number Labs
Week-1		
1	Problem Statement	1
Week-2		
2	Feasibility Study	1
Week-3,4		

3	Software Requirements Specification Document	2
Week-5		
4	Estimation of Project Metrics	1
Week-6		
5	Entity Relationship Diagram	1
Week-7,8		
6	Use Case Diagrams	2
Week-9		
7	Class Diagram	1
Week-10		
8	Sequence Diagrams	1
Week-11		
9	Activity Diagrams	1
Week-12		
10	State Chart Diagrams	1
Week-13		
11	Test coverage	1
Week-14		
12	Lab Internal Examination	1

G. Jeyanthi Kumari
Faculty

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Head of the Department

[Signature]
Principal