

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Outcome Based Learning Course Outcomes (Revision)

Subject:	Software Engineering Lab	Max Marks External	60
Subject Code:	ETCS 353	Max Marks Internal	40
Total Credit:		Evaluation Scheme	
Contact Hours:		Theory/ Lab	Lab

Course Objectives:

The Software Engineering Lab has been developed to impart state-of-the-art knowledge on Software Engineering practical aspects and UML in an interactive manner. This course also provide scope to students where they can solve small, real life problems and present case studies that can further demonstrate practical applications of different concepts.

S.NO	Course Outcomes	BL	PO	PI Code
ETCS353.1	Able to elicit, analyze and specify software requirements through a productive working relationship with various stakeholders of the project.	1,2,4	PO1,PO2,PO3,PO7,PO8,PO9,PO10,PO11,PO12	1.7.1,2.5. (1,2), 2.6(2,3),2.7.1,3.5. (1,2,3,5,6),7.3.1,8.3. 1,9.4.(1,2),9.6.1,10. 4.(1,2),11.4.(1,2), 11.5.1,12.4.1, 12.6.2
ETCS353.2	Analyze and design function-oriented, user's view, structural view diagram using SRS.	4,6	PO2,PO3,PO4,PO5,PO9,PO10	2.7.2,3.6.(1,2,3), 3.7.23.8(1,2,3),4.5.1 , 4.6.(1,3,4),5.4.2,9.4. 2,10.4.3,10.6.1 - -
ETCS353.3	Build behavioral, implementation and environmental view of system.	6	PO1,PO2,PO3,PO4,PO5,PO7,PO9,PO10	1.7.1,2.7.2,3.6.(1,2, 3),3.7.2,3.8(1,2,3),4 .5.1, 4.6.(1,3,4),5.4.2,7.3. 1,7.4.1,9.4.2,9.5(2,3),10.4.3, 10.6.1
ETCS353.4	Create the test cases in accordance with the testing plan to inspect and justify the implementation of the software specifications.	3,6	PO1,PO4,PO5,PO9,PO11	1.7.1,4.6.(1,2),5.4.2, 5.6.1,9.4.2, 9.5(2,3),11.6.2

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	3	3	-	-	-	1	1	2	1	2	2
CO2	-	1	3	2	1	-	-	-	1	2	-	-
CO3	1	1	3	2	1	-	2	-	2	2	-	-
CO4	1	-	-	1	2	-	-	-	2	-	1	-
Average	0.75	1.25	2.25	1.25	1	-	0.75	0.25	1.75	1.25	0.75	0.5

	PSO1	PSO2	PSO3
CO1	2	2	-
CO2	1	3	-
CO3	1	2	-
CO4	1	3	-
Average	1.25	2.5	-

Name of the Coordinator: Ms. Karuna Middha

Name and Signature of the Subject teachers

Signature

1. Mr. Moolchand Sharma

Date of Revision of Course Outcomes

2.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	1.7.1	2.5.(1,2), 2.6(2,3), 2.7.1	3.5.(1,2,3,5,6)	-	-	-	7.3.1	8.3.1	9.4.(1,2), 9.6.1	10.4.(1,2)	11.4.(1,2), 11.5.1	12.4.1, 12.6.2
C02	-	2.7.2	3.6.(1,2,3), 3.7.2,3.8(1,2,3)	4.5.1, 4.6.(1,3,4)	5.4.2	-	-	-	9.4.2	10.4.3,10.6.1	-	-
C03	1.7.1	2.7.2	3.6.(1,2,3), 3.7.2,3.8(1,2,3)	4.5.1, 4.6.(1,3,4)	5.4.2	-	7.3.1,7.4.1	-	9.4.2, 9.5(2,3)	10.4.3, 10.6.1	-	-
C04	1.7.1	-	-	4.6.(1,2)	5.4.2, 5.6.1	-	-	-	9.4.2, 9.5(2,3)	-	11.6.2	-

	PSO1	PSO2	PSO3
CO1	13.1(2,3),13.2(2,3)	14.1.(2,3)	-
CO2	13.2.2	14.1.3, 14.2.3	-
CO3	13.2.2	14.1.3	-
CO4	13.3.(1,2)	14.1.3, 14.2.(1,2,3)	-