MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Outcome Based Learning
Course Outcomes (Revision)

Subject:	**Operating Systems (Linux Programming and Administration) Lab**	Max Marks External	**60**
Subject Code:	**ETCS 352**	Max Marks Internal	**40**
Total Credit:	**1**	Evaluation Scheme	
Contact Hours:		Theory/ Lab	**LAB**

Course Objectives:

The goal of this course is to provide an introduction to the internal operation of modern operating systems. The course will cover processes and threads, mutual exclusion, CPU scheduling, deadlock, memory management and operational commands of Linux Operating System.

S.NO	Course Outcomes	Experiments	BL	PO	PI Code
ETCS352.1	To Demonstrate CPU Scheduling Algorithms Of Process Management.	**1,2,3,4**	**3**		
ETCS352.2	To Apply Memory Management Algorithms For Solving Page Replacement Policy	**5,6**	**3**		
ETCS352.3	To Demonstrate Solutions For The Deadlock Problems	**7,8**	**3**		
ETCS352.4	To Use The Linux Shell Scripting To Perform Various Operations.	**Additional**	**3**		

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	2	2	1	-	3	-	-	1	-	-
CO2	2	2	2	2	1	-	3	-	-	1	-	-
CO3	2	2	2	2	1	-	3	-	-	1	-	-
CO4	2	2	2	2	1	-	3	-	-	1	-	-

Name of the Coordinator   Ms. Shallu Juneja   Name and Signature of the Subject Teachers

Signature   1. Dr. Sandeep Tayal

Date of Revision of Course Outcomes 25/02/2021   2. Ms. Savita Sharma

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1.2(1) 1.7(1)	2.1(1,2,3) 2.7(1)	3.5(1) 3.7(1,2)	4.4(1,3) 4.5(1)	5.4(1,2)	-	7.3(1) 7.4(1,2)	-	-	10.4(1,2)	-	-
CO2	1.2(1) 1.7(1)	2.1(1,2,3) 2.6(4,5) 2.7(1)	3.5(1) 3.7(1,2)	4.4(1,3) 4.5(1)	5.4(1,2)	-	7.3(1) 7.4(1,2)	-	-	10.4(1,2)	-	-
CO3	1.2(1) 1.7(1)	2.1(1,2,3) 2.7(1)	3.5(1) 3.7(1,2)	4.4(1,3) 4.5(1)	5.4(1,2)	-	7.3(1) 7.4(1,2)	-	-	10.4(1,2)	-	-
CO4	1.2(1) 1.7(1)	2.1(1,2,3) 2.7(1)	3.5(1) 3.7(1,2)	4.4(1,3) 4.5(1)	5.4(1,2)	-	7.3(1) 7.4(1,2)	-	-	10.4(1,2)	-	-