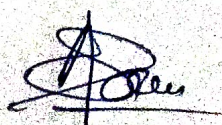




SYNERGY SCHOOL OF ENGINEERING
DEPARTMENT OF ELECTRICAL ENGINEERING

Discipline: Electrical Engineering	Semester: - 3 rd sem EE	Name of the teaching faculty: -PRAJNAPARAMITA KABI & ASMITA PRANAYANI		
Subject: - Programming for Problem Solving LAB	No. of Days/week class Allotted: 4	No. of weeks: -15 SESSION-2026-27 WINTER Starting date- 01/07/2026 Ending date 05/11/2026		
No. of week	No. of lab class	Topic to be Taught	DATE OF DEIVERY	
			G1	G2
1 ST	1 st	To display our College name twenty times on screen		
	2 nd	To display our College name twenty times on screen		
2 ND	1 st	To display our College name twenty times on screen		
	2 nd	To display and add all even numbers from 1-100.		
3 RD	1 st	To display and add all even numbers from 1-100.		
	2 nd	To display and add all even numbers from 1-100.		
4 TH	1 st	To find smallest / largest number from array elements.		
	2 nd	To find smallest / largest number from array elements.		
5 TH	1 st	To find smallest / largest number from array elements.		
	2 nd	To sort array elements in ascending / descending order.		
6 TH	1 st	To sort array elements in ascending / descending order.		
	2 nd	To sort array elements in ascending / descending order.		
7 TH	1 st	To enter elements for 3X3 matrix and display them		
	2 nd	To enter elements for 3X3 matrix and display them		
8 TH	1 st	To enter elements for 3X3 matrix and display them		
	2 nd	To calculate addition / subtraction of 2 dimensional matrix.		
9 TH	1 st	To calculate addition / subtraction of 2 dimensional matrix.		
	2 nd	To calculate addition / subtraction of 2 dimensional matrix.		
10 TH	1 st	Basics of MATLAB Programming, elementary features in a vector array, matrices,		
	2 nd	Basics of MATLAB Programming, elementary features in a vector array, matrices,		
11 TH	1 st	Basics of MATLAB Programming, elementary features in a vector array, matrices,		
	2 nd	vectors, matrix operations, matrix operators, creating matrix arrangement, indexing array value,		
12 TH	1 st	vectors, matrix operations, matrix operators, creating matrix arrangement, indexing array value,		
	2 nd	vectors, matrix operations, matrix operators, creating matrix arrangement, indexing array value,		
13 TH	1 st	mathematical operations on array, array types, loops and execution o		
	2 nd	mathematical operations on array, array types, loops and execution o		
14 TH	1 st	mathematical operations on array, array types, loops and execution o		
	2 nd	working with M-files, Scripts and functions, plotting and programming o		
15 TH	1 st	working with M-files, Scripts and functions, plotting and programming o		
	2 nd	working with M-files, Scripts and functions, plotting and programming o		

Prepared by
A. Pranayani
02/06/26



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