

LESSON PLAN FOR SESSION: 2025-26

DISCIPLINE	SEMESTER	NAME OF THE TEACHING FACULTY	
ELECTRICAL ENGG. ETC ENGG.	2ND	Mrs MANORAMA PADHY, LECT(E&TC)	
SUBJECT: FUNDAMENTALS OF ELECTRONICS LAB (PR-4A)	NO. OF DAYS PER WEEK CLASS ALLOTED : 02		SEMESTER FROM 09/01/2026 TO 08/05/2026
			NO. OF WEEKS : 15 NOS.
WEEKS	CLASS DAYS	THEORY TOPICS	
1ST WEEK	1ST	Identify various passive and active electronics components	
2ND WEEK	1ST	Identify various passive and active electronics components	
3RD WEEK	1ST	Connect resistors in series and parallel combination and measure its value using digital multimeter	
4TH WEEK	1ST	Explain the Series and Parallel connection of resistors	
5TH WEEK	1ST	Do the experiment by using theoretical method and also do it by using digital multimeter	
6TH WEEK	1ST	Connect capacitors in series and parallel combination and measure its value using multimeter	
7TH WEEK	1ST	Explain the Series and Parallel connection of capacitors	
8TH WEEK	1ST	Do the experiment by using theoretical method and also do it by using digital multimeter	
9TH WEEK	1ST	Use multimeter to measure the value of given resistor and determine the value to confirm with colour code	
10TH WEEK	1ST	Test the PN-junction diode using digital multimeter	
11TH WEEK	1ST	Test the LED using digital multimeter	
12TH WEEK	1ST	Test the performance of PN-junction diode	
13TH WEEK	1ST	Test the performance of Zener diode	
14TH WEEK	1ST	Identify three terminals of a transistor using digital multimeter	
15TH WEEK	1ST	Test the performance of NPN transistor	

M Padhy
 09/01/2026
 Guest Faculty
 E2TC