

LESSON PLAN

Discipline: E&T.C Engg.	Semester: Third(3 rd)	Name of the Lab I/C: Er S S Dash
Subject: Circuit Theory Lab	No. of days/week class allotted: Three (3)	Semester from Date: 15.09.22 to Date: 22.12.22 No. of Weeks: 15
WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1 st	1 st	Measurement of equivalent resistance in Series & parallel ckt
	2 nd	
	3 rd	
2 nd	1 st	
	2 nd	
	3 rd	Review Class
3 rd	1 st	Verification of KCL & KVL
	2 nd	Review Class
	3 rd	
4 th	1 st	Verification of superposition theorem
	2 nd	Review Class
	3 rd	
5 th	1 st	Verification of Thevenin's theorem
	2 nd	
	3 rd	
6 th	1 st	
	2 nd	
	3 rd	Review Class
7 th	1 st	Verification of Norton's theorem
	2 nd	Review Class
	3 rd	

8 th	1 st	Verification of maximum power transfer Theorem
	2 nd	
	3 rd	
9 th	1 st	Review Class
	2 nd	
	3 rd	
10 th	1 st	Determine resonant frequency of
	2 nd	Series R-L-C ckt
	3 rd	Review Class
11 th	1 st	Study of low pass filter & determination of Cut-off frequency
	2 nd	
	3 rd	Review Class
12 th	1 st	Study of high pass filter & determination of Cut-off frequency
	2 nd	
	3 rd	Review Class
13 th	1 st	Construct the superposition ckt using MATLAB software and compare the Measurement and waveforms
	2 nd	
	3 rd	Review Class
14 th	1 st	Revision
	2 nd	
	3 rd	
15 th	1 st	Revision
	2 nd	
	3 rd	