

LESSON PLAN

Discipline: ETC. Engg.	Semester: Third (3 rd)	Name of the Lab I/C: Er Abadul Sajid Khan
Subject: EM&I 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 resistance using Wheatstone bridge.
	2 nd	
	3 rd	Review Class
2 nd	1 st	Measure the inductance by Hay's Bridge
	2 nd	Review Class
	3 rd	
3 rd	1 st	Measure the capacitance by Schering Bridge
	2 nd	Review Class
	3 rd	
4 th	1 st	Observe the waveforms of different frequency by using function generator & draw its diagram
	2 nd	Calculate average & R.M.S. value, frequency, time period using CRO.
	3 rd	Review Class
5 th	1 st	Measurement the unknown frequency and phase angle using CRO by Lissajous figure.
	2 nd	
	3 rd	Review Class
6 th	1 st	Study of Resolution of Digital instrument

	2 nd	Study of Sensitivity of Digital instrument
	3 rd	Review Class
7 th	1 st	Study of static and dynamic characteristic of PMMC instruments.
	2 nd	Study of static and dynamic characteristic of moving iron instruments.
	3 rd	Review Class
8 th	1 st	Study of moving coil instruments
	2 nd	Study of moving iron instruments
	3 rd	Review Class
9 th	1 st	Revision
	2 nd	
	3 rd	
10 th	1 st	Revision
	2 nd	
	3 rd	
11 th	1 st	Revision
	2 nd	
	3 rd	
12 th	1 st	Revision
	2 nd	
	3 rd	
13 th	1 st	Revision
	2 nd	
	3 rd	

th 14	st 1	Revision
	nd 2	
	rd 3	
th 15	st 1	Revision
	nd 2	
	rd 3	