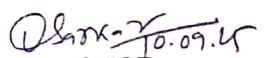


DISCIPLINE: Electrical & Electronics Engg.	SEMESTER: 3 rd Semester	NAME OF THE TEACHING FACULTY: Bibhuti Gampai/Sriya panda
SUBJECT: EMI Lab(PR4)	NO OF DAYS/PER WEEK CLASSES ALLOTTED:3	SEMESTER FROM DATE: 14.07.2025 TO DATE: 15.11.2025 NO OF WEEKS:15

Week	Class Day	PRACTICAL Topics
1st	1st	Study of construction and calibration of moving coil and moving iron instruments.
	2nd	-----DO-----
2nd	1st	-----DO-----
	2nd	Study of static and dynamic characteristic of PMMC & moving iron instruments
3rd	1st	-----DO-----
	2nd	-----DO-----
4 th	1 ST	Study of Resolution and sensitivity of Digital Instrument
	2 ND	-----DO-----
5 th	1 ST	-----DO-----
	2 ND	Measurement of Current and Voltages by Low range ammeter and voltmeter respectively with shunt and multiplier
6th	1 ST	-----DO-----
	2 ND	-----DO-----
7th	1 ST	Observation of wave forms of different frequency by using Function generator and draw its diagram measure the amplitude and frequency & calculates average & R.M.S. Values, frequency, Time Periods using CRO
	2 ND	-----DO-----
8 th	1 ST	-----DO-----
	2 ND	Measurement of the unknown frequency and phase angle using CRO by Lissajous Figure.
9 th	1 ST	-----DO-----
	2 ND	-----DO-----
10 th	1 ST	Measurement of resistance using Wheatstone's Bridge
	2 ND	-----DO-----
11 th	1 ST	-----DO-----
	2 ND	Measurement of the inductance by Maxwell's Bridge & Hay's Bridge
12th	1 ST	-----DO-----
	2 ND	-----DO-----
13 th	1st	Repeat Class
	2 nd	Repeat Class
14th	1 ST	Repeat Class
	2 ND	Repeat Class
15th	1st	Repeat Class
	2nd	Repeat Class

G. Bibhuti
Signature of Faculty


Signature of HOD