

DISCIPLINE: Electrical & Electronics Engg.	SEMESTER: 5TH Semester	NAME OF THE TEACHING FACULTY: Bibhuti Gampai PTGF IN EEE
SUBJECT: ADCLab(PR3)	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 AM transmitter & Detector and observe the waveform at different test point &. Determine percentage of Modulation Index of AM.
2nd	2nd	Study of FM transmitter & Detector & observe the waveform at different section.
3rd	3rd	Verify Sampling theorem & observe the waveform at different section.
4 th	4th	Study of PCM transmitter & receiver & observe the waveform at Different section
5 th	5th	Study of ASK modulator & demodulator & observe the waveform at different section..
6 th	6th	Study of FSK modulator & demodulator & observe the waveform at different section.
7 th	7th	Study of PSK modulator & demodulator & observe the waveform at different section.
8 th	8th	Study of Delta modulator & demodulator& observe the waveform at different section.
9 th	9th	Study of Super heterodyne radio receiver &observe the waveform at different section& do the alignment (self Study).
10 th	10th	Study the principle of Stereophonic System (self Study).
11 th	11th	Study of MODEM and observe the waveform at different section.
12 th	12th	Mini project: The students will collect the detail specification and Catalogue of all equipment used and submit at end of session. Perform a transmitter & receiver using array modulation system.
13 th	13th	Repeat class
14 th	14th	Repeat class
15 th	15th	Repeat class

G. Bibhuti
Signature of Lecturer

Bibhuti G. Gampai
Signature of HOD