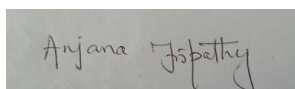


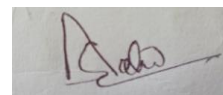
# PNS SCHOOL OF ENGINEERING AND TECHNOLOGY

MARSHAGHAI, KENDRAPARA

BRANCH: ELECTRONICS AND TELECOMMUNICATION SUBJECT: WPBC LAB. PRACTICAL: 03	SEMESTER-5th NO. OF CLASSES PER WEEK-02	NAME OF THE TEACHING FACULTY: MRS. ANJANA TRIPATHY SEMESTER STARTING FROM date: 15/09/2022 to 22/09/2022 NO. OF WEEKS: 14 <b>LESSON PLAN</b>	
SEPTEMBER	3RD	16/09/2022	1. Study the Antenna Trainer for different type of Antenna & find its gain.
	4TH	23/09/2022	2. Draw the radiation pattern & find the characteristics of antenna (Yagi, Horn, Rombus, Dipole)
	5TH	30/09/2022	3. Draw the waveform of different lobe of different Antennas using antenna trainer
OCTOBER	2ND	14/10/2022	4. Find the Standing Wave ratio (Open & Short Circuit) & different losses in Transmission line
	3RD	21/10/2022	5. To study different types of Microwave components.
	4TH	28/10/2022	6. Measure VSWR of different types of load (Matched, Open, Shorted) using Microwave test bench.
NOVEMBER	1ST	4/11/2022	7. Measurement of microwave power using power meter
	2ND	11/11/2022	8. Set up & installation of Dish TV . 9. Study the SMPS section and find out load & line regulation.
	3RD	18/11/2022	11. Connect the cable TV, HD TV & CCTV using Digital camera & Colour TV monitor & observe the output.
	4TH	26/11/2022	10. Study the basic common faults in LED TV.
DECEMBER	1ST	2/12/2022	11. Connect the cable TV, HD TV & CCTV using Digital camera & Colour TV monitor & observe the output.
	2ND	9/12/2022	12. Study basic principle of Flat screen picture tubes, LCD /LED.
	3RD	16/12/2022	14. Study & visit the Microwave Station/ TV Transmitter/ Radio Transmitter & prepare a Project Report.



SIGNATURE OF DEMONSTRATOR



SIGNATURE OF H.O.D.