

LESSON PLAN 2023(Winter)

Dicipline: ELECTRICAL	Semester :1th Sem	Name of the Teaching faculty: Sudhansu Sekhar Munda Lect in E &TC
Subject: BASIC ELECTRONICS .	No.of days/per week classalloted:2p(55Minutes) /week	Semester From date: 25 Oct 2022 to Date: 31 Jan 2023 No . Of Weeks: -
Week	Class Day	Theory Topics
25 Oct to 31 Oct	1st	1. ELECTRONIC DEVICES 1.1 Basic Concept of Electronics and its application.
	2nd	1.2 Basic Concept of Electron Emission & its types.
1 Nov to 7 Nov	1st	1.3 Classification of material according to electrical conductivity (Conductor, Semiconductor & Insulator) with respect to energy band diagram only
	2nd	1.4 Difference between Intrinsic & Extrinsic Semiconductor.
8 Nov to 14 Nov	1st	1.5 Difference between vacuum tube & semiconductor.
	2nd	1.6 Principle of working and use of PN junction diode, Zener diode and Light Emitting Diode (LED)
15-Nov	CLASS TEST-1	
16 Nov to 21 Nov	1st	1.7 Integrated circuits.
	2nd	I.C. & its advantages
22 Nov to 28 Nov	1st	2. ELECTRONIC CIRCUITS 2.1 Rectifier & its uses.
	2nd	2.2 Principles of working of different types of Rectifiers with their merits and demerits
29 Nov to 5 Dec	1st	2.3 Functions of filters and classification of simple Filter circuit (Capacitor, choke input and π)
	2nd	2.4 Working of D.C power supply system (unregulated) with help of block diagrams only

