KIIT POLYTECHNIC, BHUBANESWAR

LESSON PLAN

Session (2022 -2023)

Discipline: Computer science and Engineering	**Semester: 5th**, Winter /2022	**Name of the faculty:** Amalendu Pradhan **Email Id:** amalendufcs@kp.kiit.ac.in
Subject: Computer Hardware Maintenance Lab (Pr-2)	**No. of Days/week:** 02 (2 periods / Day)	**Start Date:** 14/09/2022 **End Date:** 21/01/2023

Week	Class Day	Practical Topics
1st	1st	Familiarization with various hardware components of computer
	2nd	Study of layout of Mother Board and different components
2nd	1st	Repeat Class/Defaulter
	2nd	Study of Expansion slots, Bus structure and ports with color codes
3rd	1st	Repeat Class/Defaulter
	2nd	Study of functioning of SMPS with O/P voltage and connectors
4th	1st	Repeat Class/Defaulter
	2nd	Study of HDD Interfaces,
5th	1st	Repeat Class/Defaulter
	2nd	Connecting Hardware Components for assembly of computer
6th	1st	Repeat Class/Defaulter
	2nd	Repeat Class/Defaulter
7th	1st	Setting up of CMOS
	2nd	Repeat Class/Defaulter
8th	1st	Installing OS
	2nd	Repeat Class/Defaulter
9th	1st	Installing different software
	2nd	Repeat Class/Defaulter
10th	1st	Study different BIOS setup and different faults
	2nd	Repeat Class
11th	1st	Perform trouble shooting in Desktop and Laptop
	2nd	Repeat Class
12th	1st	Repeat Class for experiment 1,2
	2nd	Repeat Class for experiment 3,4
13th	1st	Repeat Class for experiment 5,6
	2nd	Repeat Class for experiment 7,8
14th	1st	Repeat Class for experiment 9,10
	2nd	ASSESSMENT
15th	1st	ASSESSMENT
	2nd	ASSESSMENT