

Lesson Plan

Discipline: Civil Engg. & Mech. Engg.	Semester: First (1 st)	Name of the Lab I/C: Er. P.K SAHU/ Er D.K NAYAK/ Er J.M JENA
Subject: Comp App. Lab	No. of days/week class allotted: Three (3)	Semester from Date: 16.08.2023 to Date: 11.12.2023 No. of Weeks: 15
WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1 st	1 st	Identification of different components of Computer Switch on and Booting Process Shut down, Restart of computer.
	2 nd	
	3 rd	Review Class
2 nd	1 st	a. Study of device and power supply form factor of Personal Computer System. b. Identification of various Mother Board components. Identification of different ports, type of connectors, and their purpose, Cooling System of Processor and Case c. Identification and Study of ROM, RAM, Adapter Cards, Expansion Slots, SATA connectors. Study of Adapters and Converters.
	2 nd	
	3 rd	Review Class
3 rd	1 st	Study of various types of LAB Safety measures (General Safety, Electrical Safety, Fire safety), Analysis of various Power Fluctuation Types (Blackout, Brownout, Noise, Spike, Power surge), Power Protection Devices (Surge suppressor, UPS, Standby power supply) Procedures for proper disposal or recycling of hazardous computer components (Batteries, Monitors, Toner Kits, Cartridges, Chemical Solvents and Aerosol Cans), Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic tools), Disk Management Tools
	2 nd	
	3 rd	Review Class
4 th	1 st	a. Basic DOS commands (CLS, DIR, DATE, TIME, VERSION, MD, CD, RD, DEL, COPY, REN, USE OF WILD CARDS, PATH), Basic Windows OS operations, b. MOUSE OPERATIONS, Utilities and Accessories, Installation and configuration of OS
	2 nd	
	3 rd	Review Class
5 th	1 st	a. Basic operations of Word Processing Package. (MS-

	2 nd	Word), b. Basic operations of Electronic Spread Sheet Package. (MS-Excel), c. Basic operations of Presentation Package (MS- Power point) (Create, Edit, Format, Save, Print/View in the above three packages)
	3 rd	Review Class
6 th	1 st	a. Getting acquainted with Internet connection, Browser, website, URL, webpage, http, WWW, net browsing. b. Creating E-Mail Id, sending and receiving E-mail Chatting.
	2 nd	
	3 rd	Review Class
7 th	1 st	a. WAP in C to find the greatest number among three numbers. b. WAP in C to find the average of n numbers by using for loop.
	2 nd	
	3 rd	Review Class
8 th	1 st	a. WAP in C to determine whether a number is prime or not? b. WAP in C to check whether a given number is palindrome or not?
	2 nd	
	3 rd	Review Class
9 th	1 st	a. WAP in C to compute the sine series. b. WAP in C to accept row wise and column wise element in a two dimensional array and print them.
	2 nd	
	3 rd	Review Class
10 th	1 st	a. WAP in C to find the vowels in a given string. b. WAP in C to find the factorial of a number, by using recursion.
	2 nd	
	3 rd	Review Class
11 th	1 st	a. WAP in C to find the sum of Fibonacci series, by using function. b. WAP in C to accept a number from keyboard and print it in reverse order of entry, by using function.
	2 nd	
	3 rd	Review Class

12 th	1 st	Review Class
	2 nd	
	3 rd	
13 th	1 st	Review Class
	2 nd	
	3 rd	
14 th	1 st	Review Class
	2 nd	
	3 rd	
15 th	1 st	Review Class
	2 nd	
	3 rd	