Lesson Plan

Discipline: Elect Engg + Comp Sc & Engg + E&TC Engg	Semester: Second (2nd)	Name of the Lab I/C: Er D K Nayak, Er P K Sahu, Er A Parida
Subject: Computer Application Lab	No. of days/week class allotted: Three (3)	Semester from Date: *29.01.2024* to Date: *14.05.2024* No. of Weeks: *15*

WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1st	1st	Identification of different components of Computer Switch on and Booting Process Shut down, Restart of computer.
	2nd	
	3rd	Review Class
2nd	1st	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.
	2nd	
	3rd	Review Class
3rd	1st	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
	2nd	
	3rd	Review Class
4th	1st	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
	2nd	
	3rd	Review Class

5th	1st	a. Basic operations of Word Processing Package. (MS-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)
	2nd	
	3rd	Review Class
6th	1st	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.
	2nd	
	3rd	Review Class
7th	1st	a. WAP in C to find the greatest number among three numbers.
	2nd	b. WAP in C to find the average of n numbers by using for loop.
	3rd	Review Class
8th	1st	a. WAP in C to determine whether a number is prime or not?
	2nd	b. WAP in C to check whether a given number is palindrome or not?
	3rd	Review Class
9th	1st	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.
	2nd	
	3rd	Review Class
10th	1st	a. WAP in C to find the vowels in a given string.
	2nd	b. WAP in C to find the factorial of a number, by using recursion.
	3rd	Review Class
11th	1st	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.
	2nd	
	3rd	Review Class
12th	1st	Review Class
	2nd	
	3rd	

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