LESSON PLAN

Discipline: MECHANICAL ENGINEERING	Semester: 1st		Name of the Teaching Faculty: PARTHA SARATHI MALLICK	
Subject: COMPUTER APPLICATION LAB (Pr-1b)	No. of days/ per week class allotted: 4		Semester From Date : 25/10/2022 to Date: 20/02/2023 No. of Weeks: 15	
Week	Class Day		Theory/ Practical Topics	
1st	1st		**BASICCOMPUTER OPERATION:** Identification of different components of Computer ,Switch on and Booting Process,Shut down, Restart of computer	
	2nd		Identification of different components of Computer,Switch on and Booting Process,Shut down, Restart of computer	
	3rd		**OPERATINGSYSTEM:** Basic DOS commands (CLS, DIR, DATE, TIME, VERSION, MD, CD. RD. DEL. COPY,REN, USE OF WILD CARDS, PATH)	
	4th		Basic DOS commands (CLS, DIR, DATE. TIME. VERSION, MD. CD. RD. DEL. COPY, REN, USE OF WILD CARDS, PATH)	
2nd	1st		Basic DOS commands (CLS, DIR, DATE, TIME, VERSION, MD, CD, RD, DEL, COPY, REN, USE OF WILD CARDS, PATH)	
	2nd		Basic DOS commands (CLS, DIR, DATE, TIME, VERSION, MD, CD, RD, DEL, COPY, REN, USE OF WILD CARDS, PATH)	
	3rd		Basic DOS commands (CLS, DIR, DATE, TIME, VERSION, MD, CD, RD, DEL, COPY, REN, USE OF WILD CARDS, PATH)	
	4th		Basic Windows OS operations (DESKTOP, ICONS,, START BUTTON, TASK BAR)	
3rd	1st		Basic Windows OS operations (DESKTOP, ICONS,, START BUTTON, TASK BAR)	
	2nd		MOUSE OPERATIONS- SINGLE CLICK, DOUBLE CLICK, DRAG	
	3rd		MOUSE OPERATIONS- SINGLE CLICK, DOUBLE CLICK, DRAG	
	4th		MAXIMIZE, MINIMIZE, RESTORE Windows Explorer, My Computer Files and Folders, Copy, Cut, Paste	
4th	1st		MAXIMIZE, MINIMIZE, RESTORE Windows Explorer, My Computer Files and Folders, Copy, Cut, Paste	
	2nd		Utilities: Word, notepad, paint, calculator etc	
	3rd		Utilities: Word, notepad, paint, calculator etc	
	4th		**WORKING WITH MS-OFFICE:** Basic operations of Word Processing Package. (MS-Word)	

5th	1st	Basic operations of Word Processing Package. (MS-Word)
	2nd	Basic operations of Word Processing Package. (MS-Word)
	3rd	Basic operations of Word Processing Package. (MS-Word)
	4th	Basic operations of Word Processing Package. (MS-Word)
6th	1st	Basic operations of Word Processing Package. (MS-Word)
	2nd	Basic operations of Word Processing Package. (MS-Word)
	3rd	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	4th	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
7th	1st	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	2nd	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	3rd	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	4th	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
8th	1st	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	2nd	Basic operations of Presentation Package (MS- Power point)
	3rd	Basic operations of Presentation Package (MS- Power point)
	4th	Basic operations of Presentation Package (MS- Power point)
9th	1st	Basic operations of Presentation Package (MS- Power point)
	2nd	Basic operations of Presentation Package (MS- Power point)
	3rd	Basic operations of Presentation Package (MS- Power point)
	4th	**WORKING WITH INTERNET:** Getting acquainted with Internet connection, Browser, website
10th	1st	Getting acquainted with Internet connection, Browser, website
	2nd	Getting acquainted with Internet connection, Browser, website
	3rd	URL, webpage, http, WWW, net browsing
	4th	URL, webpage, http, WWW, net browsing
11th	1st	URL, webpage, http, WWW, net browsing
	2nd	Creating E-Mail Id, sending and receiving E-mail Chatting
	3rd	Creating E-Mail Id, sending and receiving E-mail Chatting
	4th	Creating E-Mail Id, sending and receiving E-mail Chatting
12th	1st	Creating E-Mail Id, sending and receiving E-mail Chatting
	2nd	**C PROGRAMMING:** 1. Write a Program in C to find the greatest number among three integers.
	3rd	2. Write a Program in C to find the average of n numbers by using for loop.
	4th	3. Write a Program in C to compute $(a + b)3$
13th	1st	4. Write a Program in C to convert time in seconds to time in hours, minutes and seconds.
	2nd	5. Write a program in C to find the sum of the following series. $1+1/x+1/x2+.....+1/xn$
	3rd	6. Write a program in C to determine whether a number is prime or not?
	4th	7. Write a program in C to compute simple interest and compound interest of a given principal, rate of interest and time period

14th	1st	8. Write a program in C to check whether a given number is palindrome or not?
	2nd	9. Write a program in C to compute the sine series.
	3rd	10. Write a program in C to accept row wise and column wise element in a two dimensional array and print them.
	4th	11. Write a program in C to find the number of times an element occurs in an array.
15th	1st	12. Write a program in C to find the vowels in a given string.
	2nd	13. Write a program in C to find the factorial of a number, by using recursion
	3rd	14. Write a program in C to find the sum of Fibonacci series, by using function
	4th	15. Write a program in C to accept a number from keyboard and print it in reverse order of entry, by using function.

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