

## LESSON PLAN 2022 (WINTER)

Discipline: Civil, Mechanical	Semester: 1st	Name of the Teaching faculty: Manalisa Giri
Subject: Computer Application	No. of Days/per week class allotted: 04	Semester from date: with effect from 26/10/2022  No. of weeks: 15
Week	Class Day	Topics: COMPUTER APPLICATION LAB
1 <sup>st</sup>	1 <sup>st</sup>	Identification of different components of Computer
	2 <sup>nd</sup>	Switch on and Booting Process Shut down, Restart of computer
	3 <sup>rd</sup>	Study of device
	4 <sup>th</sup>	Power supply form factor of Personal Computer
2 <sup>nd</sup>	1 <sup>st</sup>	Discussion Related to practical doubts
	2 <sup>nd</sup>	System Identification of various Mother Board components
	3 <sup>rd</sup>	Identification of different ports
	4 <sup>th</sup>	Type of connectors, and their purpose
3 <sup>rd</sup>	1 <sup>st</sup>	Cooling System of Processor
	2 <sup>nd</sup>	Case Identification and Study of ROM
	3 <sup>rd</sup>	Study of RAM
	4 <sup>th</sup>	Adapter Cards
4 <sup>th</sup>	1 <sup>st</sup>	Adapter Cards
	2 <sup>nd</sup>	Expansion Slots,SATA connectors
	3 <sup>rd</sup>	Study of Adapters and Converters
	4 <sup>th</sup>	Study of various types of LAB Safety measures (General Safety, Electrical Safety, Fire safety)
5 <sup>th</sup>	1 <sup>st</sup>	Analysis of various Power Fluctuation Types (Blackout, Brownout, Noise, Spike, Power surge)
	2 <sup>nd</sup>	Power Protection Devices (Surge suppressor, UPS, Standby power supply)
	3 <sup>rd</sup>	Procedures for proper disposal or recycling of hazardous computer components (Batteries, Monitors, Toner Kits, Cartridges, Chemical Solvents and Aerosol Cans)
	4 <sup>th</sup>	Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic tools)
6 <sup>th</sup>	1 <sup>st</sup>	Disk Management Tools, Basic DOS commands (CLS, DIR, DATE, TIME)

	2 <sup>nd</sup>	Basic DOS commands (VERSION, MD, CD, RD, DEL, COPY, REN, USE OF WILD CARDS, PATH)
	3 <sup>rd</sup>	Basic Windows OS operations
	4 <sup>th</sup>	MOUSE OPERATIONS, Utilities and Accessories
7 <sup>th</sup>	1 <sup>st</sup>	Installation and configuration of OS
	2 <sup>nd</sup>	Basic operations of Word Processing Package
	3 <sup>rd</sup>	(MS-Word) Basic operations of Word Processing Package
	4 <sup>th</sup>	(MS-Word) Basic operations of Word Processing Package
8 <sup>th</sup>	1 <sup>st</sup>	(MS-Word) Basic operations of Word Processing Package
	2 <sup>nd</sup>	(MS-Word) Basic operations of Word Processing Package
	3 <sup>rd</sup>	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	4 <sup>th</sup>	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
9 <sup>th</sup>	1 <sup>st</sup>	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	2 <sup>nd</sup>	Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	3 <sup>rd</sup>	(MS- Power point) Basic operations of Presentation Package (Create, Edit, Format, Save, Print/View packages).
	4 <sup>th</sup>	(MS- Power point) Basic operations of Presentation Package (Create, Edit, Format, Save, Print/View packages)
10 <sup>th</sup>	1 <sup>st</sup>	(MS- Power point) Basic operations of Presentation Package (Create, Edit, Format, Save, Print/View packages)
	2 <sup>nd</sup>	(MS- Power point) Basic operations of Presentation Package (Create, Edit, Format, Save, Print/View packages)
	3 <sup>rd</sup>	Getting acquainted with Internet connection
	4 <sup>th</sup>	Browser, website
11 <sup>th</sup>	1 <sup>st</sup>	URL, webpage, http, WWW
	2 <sup>nd</sup>	Net browsing, Creating E-Mail Id,
	3 <sup>rd</sup>	Sending and receiving E-mail Chatting
	4 <sup>th</sup>	Doubt Discussion
12 <sup>th</sup>	1 <sup>st</sup>	C Programming
	2 <sup>nd</sup>	C Programming
	3 <sup>rd</sup>	Examples Of C programming
	4 <sup>th</sup>	Write a Program in C to find the greatest number among three numbers

13 <sup>th</sup>	1 <sup>st</sup>	Write a Program in C to find the average of n numbers by using for loop
	2 <sup>nd</sup>	Write a program in C to determine whether a number is prime or not?
	3 <sup>rd</sup>	Write a program in C to check whether a given number is palindrome or not?
	4 <sup>th</sup>	Write a program in C to compute the sine series.
14 <sup>th</sup>	1 <sup>st</sup>	Write a program in C to accept row wise and column wise element in a two dimensional array and print them.
	2 <sup>nd</sup>	Write a program in C to find the vowels in a given string
	3 <sup>rd</sup>	Write a program in C to find the factorial of a number, by using recursion
	4 <sup>th</sup>	Write a program in C to find the sum of Fibonacci series, by using function
15 <sup>th</sup>	1 <sup>st</sup>	Write a program in C to find the sum of Fibonacci series, by using function
	2 <sup>nd</sup>	Write a program in C to accept a number from keyboard and print it in reverse order of entry, by using function.
	3 <sup>rd</sup>	Write a program in C to accept a number from keyboard and print it in reverse order of entry, by using function.
	4 <sup>th</sup>	Doubt Clearing Class

*Manulisa Goni*

Signature of Faculty