

## LESSON PLAN 2023 (SUMMER)

Discipline: IT,BC,ELECTRICAL ,ETC,AA	Semester : 2nd	Name of the Teaching faculty: Manalisa Giri
Subject :  Computer Application Lab	No.of Days/per week class allotted : 02	Semester from date : with effect from 20/03/2023 to 27/06/2023  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, Switch on and Booting Process Shut down, Restart of computer
	2 <sup>nd</sup>	Study of device, Power supply form factor of Personal Computer
2 <sup>nd</sup>	1 <sup>st</sup>	Discussion Related to practical doubts, System Identification of various Mother Board components
	2 <sup>nd</sup>	Identification of different ports, Type of connectors, and their purpose
3 <sup>rd</sup>	1 <sup>st</sup>	Cooling System of Processor , Case Identification and Study of ROM
	2 <sup>nd</sup>	Study of RAM, Adapter Cards
4 <sup>th</sup>	1 <sup>st</sup>	Adapter Cards, Expansion Slots, SATA connectors
	2 <sup>nd</sup>	Study of Adapters and Converters, 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), Power Protection Devices (Surge suppressor, UPS, Standby power supply)
	2 <sup>nd</sup>	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)
6 <sup>th</sup>	1 <sup>st</sup>	Disk Management Tools, Basic DOS commands (CLS, DIR, DATE, TIME), Basic DOS commands (VERSION, MD, CD, RD, DEL, COPY, REN, USE OF WILD CARDS, PATH)
	2 <sup>nd</sup>	Basic Windows OS operations, MOUSE OPERATIONS, Utilities and Accessories
7 <sup>th</sup>	1 <sup>st</sup>	Installation and configuration of OS, Basic operations of Word Processing Package
	2 <sup>nd</sup>	(MS-Word) Basic operations of Word Processing Package,(MS-Word) Basic operations of Word Processing Package)
8 <sup>th</sup>	1 <sup>st</sup>	(MS-Word) Basic operations of Word Processing Package,(MS-Word) Basic operations of Word Processing Package

	2 <sup>nd</sup>	Basic operations of Electronic Spread Sheet Package. (MS-Excel), 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), Basic operations of Electronic Spread Sheet Package. (MS-Excel)
	2 <sup>nd</sup>	(MS-Power point) Basic operations of Presentation Package (Create, Edit ,Format ,Save, Print/View packages),(MS-Power point)Basic operation of Presentation Package )(Create, Edit ,Format ,Save, Print/View packages)
10 <sup>th</sup>	1 <sup>st</sup>	(MS- Powerpoint)Basic operations of Presentation Package (Create, Edit, Format, Save, Print/View packages),(MS- Power point)Basic operations of Presentation Package (Create, Edit, Format, Save, Print/View packages)
	2 <sup>nd</sup>	Getting acquainted with Internet connection, Browser, website
11 <sup>th</sup>	1 <sup>st</sup>	URL, webpage ,http, WWW, Net browsing, Creating E-Mail Id,
	2 <sup>nd</sup>	Sending and receiving E-mail Chatting, Doubt Discussion
12 <sup>th</sup>	1 <sup>st</sup>	C Programming, Examples Of C programming
	2 <sup>nd</sup>	Write a Programming C to find the greatest number among three numbers
13 <sup>th</sup>	1 <sup>st</sup>	Write a Programming C to find the average of numbers by using for loop, Write a programming C to determine whether a number is prime or not?
	2 <sup>nd</sup>	Write a program in C to check whether a given number is palindrome or not?, 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 at one dimensional array and print them, Write a program in C to find the vowels in a given string.
	2 <sup>nd</sup>	Write a program in C to find the factorial of a number, by using recursion, 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 programming C to find the sum of Fibonacci series, by using function, Write a program in C to accept a number from keyboard and print it in reverse order of entry, by using functions.
	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, Doubt Clearing Class

*Mansoor Ali*  
Signature of the faculty