LESSON PLAN

SUBJECT: COMPUTER LAB   **Periods:** 4 per week   **SEMESTER:** 2ND

NAME OF FACULTY: SUBASH CHANDRA KARAN   **ACADEMIC YEAR**.2020-21

No. of weeks: 15

Week	Class Day	Theory / Practical Topics
1st	1st	BASIC COMPUTER OPERATION
	2nd	BASIC COMPUTER OPERATION and different components of Computer
	3rd	Identification of different components of Computer
	4th	Switch on and Booting Process Shut down
2nd	1st	Restart of computer
	2nd	PERSONAL COMPUTER SYSTEM
	3rd	Study of device and power supply form factor of Personal Computer System
	4th	Study of device and power supply form factor of Personal Computer System
3rd	1st	Identification of various Mother Board components
	2nd	
	3rd	Identification of different ports, type of connectors, and their purpose,
	4th	Identification of different ports, type of connectors, and their purpose,
4th	1st	Cooling System of Processor and Case
	2nd	Cooling System of Processor and Case
	3rd	Identification and Study of ROM, RAM, Adapter Cards, Expansion Slots
	4th	SATA connectors Study of Adapters and Converter
5th	1st	SATA connectors Study of Adapters and Converter
	2nd	COMPUTER LAB SAFETY AND STUDY OF LAB TOOLS Study of various types of LAB Safety measures
	3rd	(General Safety, Electrical Safety, Fire safety),
	4th	Analysis of various Power Fluctuation Types (Blackout, Brownout, Noise, Spike, Power surge),
6th	1st	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)
	2nd	Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic tools), DiskManagement Tools
	3rd	Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic tools), Disk Management Tools
	4th	OPERATINGSYSTEM
7th	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,
	4th	PATH),
8th	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 Windows OS operations, MOUSE OPERATIONS,

	4th	Utilities and Accessories
9th	1st	Installation and configuration of OS
	2nd	WORKING WITH MS-OFFICE
	3rd	Basic operations of Word Processing Package. (MS-Word),
	4th	Basic operations of Word Processing Package. (MS-Word),
10th	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)
11th	1st	Basic operations of Presentation Package (MS- Power point)
	2nd	Basic operations of Presentation Package (MS- Powerpoint)
	3rd	Basic operations of Presentation Package (MS- Power point)
	4th	(Create, Edit, Format, Save, Print/Viewin the abovethree packages)
12th	1st	(Create, Edit, Format, Save, Print/Viewin the above three packages)
	2nd	WORKING WITH INTERNET Getting acquainted with Internet connection,
	3rd	Getting acquainted with Internet connection,
	4th	Browser, website URL, webpage, http, WWW, netbrowsing
13th	1st	Creating E-Mail Id, sending and receiving E-mail Chatting
	2nd	Write a Program in C to find the greatest number among three numbers
	3rd	Write a Program in C to find the average of n numbers by using for loop.
	4th	Write a program in C to determine whether a number is prime or not?
14th	1st	Write a program in C to check whether a given number is palindrome or not?
	2nd	Write a program in C to compute the sine series
	3rd	Write a program in C to accept row wise and column
	4th	wise element in a two dimensional array and print them.
15th	1st	Write a program in C to find the vowels in a given string.
	2nd	Write a program in C to find the factorial of a number, by using recursion.
	3rd	Write a program in C to find the factorial of a number, by using recursion.
	4th	Write a program in C to find the sum of Fibonacciseries, by using function.
		Write a program in 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 function.
		Write a program in C to accept a number from keyboard and print it in reverse order of entry, byusing function.