GOVERNMENT POLYTECHNIC JAJPUR
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DEPARTMENT OF MATH & SCIENCE
LESSON PLAN

Discipline: MATH & SCIENCE	Semester: 1ST & 2ND	Name of the Teaching faculty: SRI P R DASH SUBHASMITA PRIYADARSINI BISWAL	
Subject:COMP APP LAB(Pr-1)	No of Days/Week class alloted: 4	Semester from Date: 25/10/2022 No of weeks:	TO-: 31.03.2023

Week	Class Day	Topics	
1st	GROUP-1	Identification of different components of Computer	
		Identification of different components of Computer	
		Switch on and Booting Process	
		Shut down, Restart of computer	
	GROUP-2	Identification of different components of Computer	
		Identification of different components of Computer	
		Switch on and Booting Process	
		Shut down, Restart of computer	
2nd	GROUP-1	Study of device and power supply form factor of Personal Computer System	
		Identification of various Mother Board components and Identification of different Ports	
		Types of connectors, and their purpose	
		Cooling System of Processor and Case Identification	
	GROUP-2	Study of device and power supply form factor of Personal Computer System	
		Identification of various Mother Board components and Identification of different Ports	
		Types of connectors, and their purpose	
		Cooling System of Processor and Case Identification	
3RD	GROUP-1	Study of ROM, RAM, Adapter Cards, Expansion Slots, SATA connectors	
		Study of Adapters and Converters	
		Study of various types of LAB Safety measures (General Safety, Electrical Safety, Fire safety)	
		Analysis of various Power Fluctuation Types (Blackout, Brownout, Noise, Spike,	
	GROUP-2	Study of ROM, RAM, Adapter Cards, Expansion Slots, SATA connectors	
		Study of Adapters and Converters	
		Study of various types of LAB Safety measures (General Safety, Electrical Safety, Fire safety)	
		Analysis of various Power Fluctuation Types (Blackout, Brownout, Noise, Spike,	
4TH	GROUP-1	Power surge), Power Protection Devices (Surge suppressor, UPS, Standby power supply)	
		Procedures for proper disposal or recycling of hazardous computer components	
		Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic	
		Disk Management Tools	
	GROUP-2	Power surge), Power Protection Devices (Surge suppressor, UPS, Standby power supply)	
		Procedures for proper disposal or recycling of hazardous computer components	
		Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic	
		Disk Management Tools	
5TH	GROUP-1	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH)	
		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH)	
		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH)	
		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH)	
	GROUP-2	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH)	
		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH)	

6TH	GROUP-1	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH) Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD CARDS, PATH) Basic Windows OS operations, MOUSE OPERATIONS, Utilities Basic Windows OS operations, MOUSE OPERATIONS, Utilities Accessories, Installation and configuration of OS Accessories, Installation and configuration of OS
	GROUP-2	Basic Windows OS operations, MOUSE OPERATIONS, Utilities Basic Windows OS operations, MOUSE OPERATIONS, Utilities Accessories, Installation and configuration of OS Accessories, Installation and configuration of OS
7TH	GROUP-1	Basic operations of Word Processing Package. (MS-Word)
	GROUP-2	Basic operations of Word Processing Package. (MS-Word)
8TH	GROUP-1	Basic operations of Electronic Spread Sheet Package. (MS-Excel).
	GROUP-2	Basic operations of Electronic Spread Sheet Package. (MS-Excel).
9TH	GROUP-1	Basic operations of Presentation Package (MS- Power point)
	GROUP-2	Basic operations of Presentation Package (MS- Power point)
10TH	GROUP-1	Getting acquainted with Internet connection, Browser, Website URL, Webpage, http, WWW, Net browsing Creating E-Mail Id, sending and receiving E-mail Chatting CISCO CISCO
	GROUP-2	Getting acquainted with Internet connection, Browser, Website URL, Webpage, http, WWW, Net browsing Creating E-Mail Id, sending and receiving E-mail Chatting CISCO CISCO
11TH	GROUP-1	Write a Program in C to find the greatest number among three numbers. Write a Program in C to find the average of n numbers by using for loop. Write a program in C to determine whether a number is prime or not? Write a program in C to check whether a given number is palindrome or not?
	GROUP-2	Write a Program in C to find the greatest number among three numbers. Write a Program in C to find the average of n numbers by using for loop. Write a program in C to determine whether a number is prime or not? Write a program in C to check whether a given number is palindrome or not?
12TH	GROUP-1	Write a program in C to compute the sine series. Write a program in C to accept row wise and column wise element in a two dimensional array & print them. Write a program in C to find the vowels in a given string. Write a program in C to find the factorial of a number, by using recursion.
	GROUP-2	Write a program in C to compute the sine series. Write a program in C to accept row wise and column wise element in a two dimensional array & print them. Write a program in C to find the vowels in a given string. 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. Write a program in C to accept a number from keyboard and print it in reverse order

13TH	GROUP-1	of entry, by using function	
	GROUP-2	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	
14TH	GROUP-1		
	GROUP-2		
15TH	GROUP-1		
	GROUP-2		
16TH	GROUP-1		
	GROUP-2		

SIGNATURE