GOVERNMENT POLYTECHNIC JAJPUR A/ P: Ragadi, Block: Korel, Dist.: Jajpur, Odisha- 755019 Website: https://www.gpjajpur.org E-mail: principalgpjajpur@yahoo.co.in Contact: 9437155107

Name of the Teaching faculty: BIRENDAR KUMAR PRADHAN				
Semester from Date: 16.08.2023	To Date:	11.12.2023	No of weeks: 16	
	Topics			
Introduction to Computer				
Importance of this subjects, Cos				
Syllabus description of each module				
Discussion about lesson plan, examination and assignments				
Introduction to Computer Evolution of Computers Generation of Comp	uters Classification			
Basic Organisation of Computer (Functional Block diagram) Input Devic		25.	- K.	
Computer Memory and Classification of Memory	or o			
Software concept, System software, Application software				
Overview of Operating System Objectives and Functions of O.S				
Types of Operating System: Batch Processing, Multiprogramming, Time	Sharing OS			
Features of DOS, Windows and UNIX				
Programming Languages Compiler, interpreter				
Computer Virus, Different Types of computer virus, Detection and preve	ntion of Virus			
Application of computers in different Domain				
CLASS TEST-1				
Networking concept, Protocol, Connecting Media,		9 1		
Date Transmission mode				
Network Topologies				
Types of Network				
Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway	& NIC			
nternet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencin				
lectronic Newspaper & Online Shopping				
Different types of Internet connectivity and ISP	101-101			
Concept of File and Folder				
ile Access and Storage methods. Sequential, Direct, ISAM				
Data Capture, Data storage				
Pata Processing and Retrieval				
LASS TEST-2				
Igorithm, Pseudo code and Flowchart Generation of Programming Lang	uages			
tructured Programming Language				
xamples of Problem solving through Flowchart				
xample discussion				
onstants, Variables and Data types in C Managing Input and Output ope	rations			
xample of C programming				
perators				
xample of operator using C				
xpressions				
xample of expression using c				
/pe conversion & Typecasting				
cample of Type conversion & Typecasting using C				
ecision Control and Looping Statements				
cample of IF statement				
cample of IF-ELSE condition				
rample of IF-ELSE-IF condition				
cample of switch condition				

Example of while, do while condition	
Example of FOR, BREAK, CONTINUE & GOTO STATEMENT	
Functions	
Example of function using C	
Passing Parameters to the Function	
Call by value	
Call by reference	
Scope of variable & storage classes	
Example discussion of call by value, call by reference, scope of variable & storage classes	
Recursion Function and Types of Recursion	
Example of recursion using C.	
One Dimensional Array and Multidimensional Array	
Example of one dimensional array & multidimensional array in C.	
String Operations and Pointers	
Example of pointer used in C	
Pointer Expression and Pointer Arithmetic Programming Assignments	
Structure and Union (Only concepts, No Programming)	
CLASS TEST-3	
Previous year question discussion	
Grand test	
If any doubt it will be solved in this period	

Recommended in C by Reema Thareja, Oxford University imputer Fundamentals and Programming in C by Reema Thareja, Oxford University

ogramming in ANSI C by A.N Kamthane, Pearson Education imputer Application by Kalyani Publisher t us C by Y. Kanetkar, BPB imputer Fundamentals, by E. Balaguruswamy, TMH

Binerdra Kr. Prodha Sign. Of Faculty

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DEPARTMENT OF MATHEM SCIENCE

LESSON PLAN

essential effects of the real engineering of the second		LESSON PLAN		
Discipline: MATH & SCIENCE	4 & Semester: 151 & Name of the Teaching faculty:Mr. Birendra Ku, Pradhan & SUBUASIANA PRIYADARSHI BISWAL			
bject:COMP APP	No of	Semester from Date: 16/08/2023	TO DATE-11.12.2023	
B(Pr-1)	Days/Week	No of weeks 16	and the state of t	
Week	Class Day	Topis		
GNO	GROUP-1	Identification of different components of Computer	and the state of t	
		Identification of different components of Computer		
		Switch on and Booting Process	er og versente statistische het kanktiere in dien bis betreite konte	
let	and the state of t	Shut down, Restart of computer	enceder search more commenced to the control of the	
	GNOUP-2	Identification of different components of Computer	equipment of the control of the cont	
		Identification of different components of Computer		
		Switch on and Booting Process		
	and the second contract of the second	Shut down, Restart of computer	CALANDANA TROPIA STOPPINA COLLANDO POR POSTA PARA	
		Study of device and power supply form factor of Personal Computer System	ARTHUR SECTION OF THE PROPERTY	
	GROUP-1	Identification of various Mother Board components and Identification of different Ports	CONTRACTOR OF STREET	
		Types of connectors, and their purpose	CONTROL OF THE BANK BOARDER SHE SHE SHE SHE SHE SHE SHE SHE SHE	
2nd	A SHARE THE SHARE STREET, SHARE SHARE SHARE SHARE	Cooling System of Processor and Case Identification		
		Study of device and power supply form factor of Personal Computer System		
	GROUP-2	Identification of various Mother Board components and Identification of different Ports	Charles the Mattheward and the Control of the Control of Mattheward Control of the Control of th	
		Types of connectors, and their purpose		
	and a second of the second of the second	Cooling System of Processor and Case Identification	STEEN CONTRACTOR STEEN S	
		Study of ROM, RAM, Adapter Cards, Expansion Slots, SATA connectors		
	GROUP-1	Study of Adapters and Converters		
		Study of various types of LAB Safety measures (General Safety, Electrical Safety, Fire safety)		
ann	support the Newson and Consequent	Analysis of various Power Fluctuation Types (Blackout, Brownout, Noise, Spike,		
		Study of ROM, RAM, Adapter Cards, Expansion Slots, SATA connectors		
	GROUP-2	Study of Adapters and Converters		
		Study of various types of LAB Safety measures (General Safety, Electrical Safety, Fire safety)		
a designation and a second and a second and a second	and the grant of the last of t	Analysis of various Power Fluctuation Types (Blackout, Brownout, Hoise, Spike,	or and the second se	
		Power surge), Power Protection Devices (Surge suppressor, UPS, Standby power supply)	er proceede Controllo II no fil a controllo a controll	
	GROUP-1	Procedures for proper disposal or recycling of hazardous computer components		
атн -	011001 2	Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic	Notes that the second transfer that the second transfer the second transfer that the second tran	
	CONTRACTOR STATE	DISK Management Tools		
		Power surge), Power Protection Devices (Surge suppressor, UPS, Standby power supply)	auditerra apresiona parti pagosti nervistienjo amilijasem innetomajorista	
	GROUP-2	Procedures for proper disposal or recycling of hazardous computer components	ARTONOMICS CONTINUES AND ARTONOMICS CONTINUES	
		Study of General Lab Tools (ESD tools, Hand tools, cable tools, Cleaning tools, Diagnostic	A CANTERNAL LANGUAGE AS MOTHERS MODE PROTORS CON LINE CONTROL OF C	
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		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD	THE REAL BY MATERIAL SHOWING CONTROL TO A CONTROL WITH A CONTROL WAS A CONTROL WITH A CONTROL WAS A	
\$104	GROUP-1	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD	TENDEN TERRETORIO DE CONTRO DE ESTADO DE	
		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD	CONTRACTOR OF THE SECOND STATE OF THE SECOND S	
	Opening of State of S	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD	CONTROL TO A STANDARD CONTROL OF CONTROL OF STANDARD AND AND AND AND STANDARD CONTROL OF STANDARD CONTROL	
	GROUP-2	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD	The state of the s	
		Basic DOS commands (CLS,DIICDATE,TIME,VERSIGN,MD,CD,RD,DEL,COPY,REN, USE OF WILD	Control to the control of the contro	
		Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD		
energicum to observate superior	A security interest and deliverity before the appropriate	Basic DOS commands (CLS,DIR,DATE,TIME,VERSION,MD,CD,RD,DEL,COPY,REN, USE OF WILD	many out to the terminal and the second of t	
	TOWN TOWN THE PARTY OF THE PART	Basic Windows OS operations, MOUSE OPERATIONS, Utilities	THE WARREN THE PROPERTY OF THE	
GROUP	6000001	Basic Windows O5 operations, MOUSE OPERATIONS, Utilities		
		Accessories, Installation and configuration of OS	Carteria and an analysis of the control of the cont	

6ТН		Accessories, Installation and configuration of OS Basic Windows OS operations, MOUSE OPERATIONS, Utilities
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GROU	GROUP-2	Basic Windows OS operations, MOOSE OF CHAPTERS, MINUSE
	011007-2	Accessories, Installation and configuration of OS
	-	Accessories, Installation and configuration of OS Accessories, Installation and configuration of OS
7TH	GROUP-1	Basic operations of Word Processing Package. (MS-Word) Basic operations of Word Processing Package. (MS-Word) Basic operations of Word Processing Package. (MS-Word)
	GROUP-2	Basic operations of Word Processing Feelings. Basic operations of Electronic Spread Sheet Package. (MS-Excel).
8ТН	GROUP-1	Basic operations of Electronic Spread Sheet Package. (MS-Excel). Basic operations of Electronic Spread Sheet Package. (MS-Excel).
	GROUP-2	Basic operations of Electronic Spireau Steet Houses (MS. Power point)
9TH	GROUP-1	Basic operations of Presentation Package (MS- Power point) Basic operations of Presentation Package (MS- Power point)
	GROUP-2	Basic operations of Presentation Package (MS- Power point) Basic operations of Presentation Package (MS- Power point) Getting acquainted with Internet connection, Browser, Website URL, Webpage, http, WWW, Net browsing
	·	Getting acquainted with Internet connection, around the second of the se
	GROUP-1	Creating E-Mail Id, sending and receiving E-mail Chatting
	0,,00, 1	CISCO
10TH		CISCO Getting acquainted with Internet connection, Browser, Website URL, Webpage, http, WWW, Net browsing
20111		Getting acquainted with Internet connection, provider, respectively, res
	GROUP-2	Creating E-Mail Id, sending and receiving E-mail Chatting
	GROUP-2	CISCO
	Series Control	CISCO
A - 4	Age William St.	Write a Program in C to find the greatest number among three numbers.
	GROUP-1	Write a Program in C to find the average of n numbers by using for loop.
	GKOOP-1	Write a program in C to determine whether a number is prime or not?
	700	Write a program in C to check whether a given number is palindrome or not?
11TH	7.1.1	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.
	GROUP-2	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?
	ger green	Characterists the sine series
		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.
	GROUP-1	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.
12TH		C to compute the sine series.
	w	Write a program in C to compute the sine serior. Write a program in C to accept row wise and column wise element in a two dimensional array & print them.
	GROUP-2	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.
	English and	to the find the sum of Fibonacci series, by using function.
		Write a program in C to find the sufficient power of the control o
	GROUP-1	
13TH		Write a program in C to find the sum of Fibonacci series, by using function.
		Write a program in C to find the some from keyboard and print it in reverse order of entry, by using function
	GROUP-2	
	GROUP-1	
14TH		
	GROUP-2	
	GROUP-1	
1STH		
	GROUP-2	
	GROUP-1	
16TH		
TOIG		
	GROUP-2	
	GROUP-2	

Birerdez Ku-Pradhem.