

**LESSON PLAN -2019-20**  
**SWAMI VIVEKANANDA SCHOOL OF ENGG &TECH,BBSR**

DISCIPLINE- FIRST YEAR	SEMESTER-2ND	NAME OF TEACHING FACULTY-KRUPAMAYEE MOHAPATRA
SUBJECT- COMPUTER APPLICATION	NO OF CLASS ALLOTTED/PER WEEK- (4+1)5	SEMESTER From date-02/01/2020 to 30/04/2020 NO OF WEEKS-18
WEEK	CLASS DAY(DATES)	THEORY TOPICS
1st	1/2/2020	COMPUTER ORGANISATION:-Introduction to Computer Evolution of Computers Generation of Computers Classification of Computers
	1/3/2020	Introduction to Computer Evolution of Computers Generation of Computers Classification of Computers
	1/4/2020	Introduction to Computer Evolution of Computers Generation of Computers Classification of Computers
	1/6/2020	Basic Organisation of Computer (Functional Block diagram) Input Devices, CPU & Output Devices.
2nd	1/7/2020	Basic Organisation of Computer (Functional Block diagram) Input Devices, CPU & Output Devices.
	1/8/2020	Basic Organisation of Computer (Functional Block diagram) Input Devices, CPU & Output Devices.
	1/9/2020	Computer Memory and Classification of Memory
	1/10/2020	Computer Memory and Classification of Memory
	1/11/2020	CLASS TEST
	1/13/2020	COMPUTER SOFTWARE:-Software concept, System software, Application software
3rd	1/14/2020	Software concept, System software, Application software
	1/15/2020	Overview of Operating System Objectives and Functions of O.S ,
	1/16/2020	Overview of Operating System Objectives and Functions of O.S ,
	1/17/2020	Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS
	1/18/2020	Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS
4th	1/20/2020	Features of DOS, Windows and UNIX
	1/21/2020	Features of DOS, Windows and UNIX
	1/22/2020	Programming Languages Compiler, interpreter Computer Virus
	1/24/2020	Programming Languages Compiler, interpreter Computer Virus
	1/25/2020	Programming Languages Compiler, interpreter Computer Virus
5th	1/27/2020	Different Types of computer virus
	1/28/2020	Different Types of computer virus
		Detection and prevention of Virus
	1/30/2020	Detection and prevention of Virus
	1/31/2020	Application of computers in different Domain
	2/1/2020	Application of computers in different Domain
	2/3/2020	CLASS TEST
1st	2/4/2020	COMPUTER NETWORK AND INTERNET:-Networking concept, Protocol, Connecting Media, Date Transmission mode
	2/5/2020	Networking concept, Protocol, Connecting Media, Date Transmission mode
	2/6/2020	Network Topologies, Types of Network
	2/7/2020	Network Topologies, Types of Network
	2/8/2020	Network Topologies, Types of Network
	2/10/2020	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
2nd	2/11/2020	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
	2/12/2020	Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC
	2/13/2020	Internet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencing,
	2/14/2020	Internet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencing,
	2/15/2020	Electronic Newspaper & Online Shopping
	2/17/2020	Electronic Newspaper & Online Shopping
	2/18/2020	Different types of Internet connectivity and ISP

3rd	2/19/2020	Different types of Internet connectivity and ISP
	2/20/2020	CLASS TEST
	2/22/2020	FILE MANAGEMENT AND DATA PROCESSING:-Concept of File and Folder
	2/24/2020	Concept of File and Folder
4th	2/25/2020	File Access and Storage methods. Sequential, Direct, ISAM
	2/26/2020	File Access and Storage methods. Sequential, Direct, ISAM
	2/27/2020	Data Capture, Data storage
	2/28/2020	Data Capture, Data storage
	2/29/2020	Data Processing and Retrieval
	3/2/2020	Data Processing and Retrieval
1st	3/3/2020	Data Processing and Retrieval
	3/4/2020	CLASS TEST
	3/5/2020	PROBLEM SOLVING METHODOLOGY :-Algorithm, Pseudo code and Flowchart Generation of Programming Languages
	3/6/2020	Algorithm, Pseudo code and Flowchart Generation of Programming Languages
	3/7/2020	Algorithm, Pseudo code and Flowchart Generation of Programming Languages
2nd	3/11/2020	Structured Programming Language
	3/12/2020	Structured Programming Language
	3/13/2020	REVISION
	3/14/2020	INTERNAL ASSESSMENT
	3/16/2020	INTERNAL ASSESSMENT
	3/17/2020	INTERNAL ASSESSMENT
4th	3/18/2020	Examples of Problem solving through Flowchart
	3/19/2020	Examples of Problem solving through Flowchart
	3/20/2020	Examples of Problem solving through Flowchart
	3/21/2020	CLASS TEST
	3/23/2020	OVERVIEW OF C PROGRAMMING LANGUAGE:-Constants, Variables and Data types in C Managing Input and Output operations.
1st	3/24/2020	Constants, Variables and Data types in C Managing Input and Output operations.
	3/25/2020	Constants, Variables and Data types in C Managing Input and Output operations.
	3/26/2020	Operators, Expressions, Type conversion & Typecasting
	3/27/2020	Operators, Expressions, Type conversion & Typecasting
	3/28/2020	Operators, Expressions, Type conversion & Typecasting
	3/30/2020	Decision Control and Looping Statements (If, If-else, If-else-if, Switch, While,while, For, Break, Continue & Goto)
2nd	3/31/2020	Decision Control and Looping Statements (If, If-else, If-else-if, Switch, While,while, For, Break, Continue & Goto)
	4/2/2020	Decision Control and Looping Statements (If, If-else, If-else-if, Switch, While,while, For, Break, Continue & Goto)
	4/3/2020	Decision Control and Looping Statements (If, If-else, If-else-if, Switch, While,while, For, Break, Continue & Goto)
	4/4/2020	Programming Assignments using the above features.
	4/6/2020	Programming Assignments using the above features.
	4/7/2020	Programming Assignments using the above features.
3rd	4/8/2020	Programming Assignments using the above features.
	4/9/2020	CLASS TEST
	4/10/2020	ADVANCED FEATURES OF C :-Functions and Passing Parameters to the Function (Call by Value and Call by Reference)
	4/11/2020	Functions and Passing Parameters to the Function (Call by Value and Call by Reference)
	4/13/2020	Scope of Variables and Storage Classes
	4/14/2020	Recursion Function and Types of Recursion
	4/15/2020	One Dimensional Array and Multidimensional Array
4/16/2020	String Operations and Pointers	

4th	4/17/2020	Pointer Expression and Pointer Arithmetic Programming Assignments using the above features
	4/18/2020	Pointer Expression and Pointer Arithmetic Programming Assignments using the above
	4/20/2020	features.
5th	4/21/2020	Structure and Union (Only concepts, No Programming)
	4/22/2020	REVISION-CHAPTER (1 & 2)
	4/23/2020	REVISION-CHAPTER (3& 4)
	4/24/2020	REVISION-CHAPTER (5 & 6)
	4/25/2020	REVISION-CHAPTER-7
	4/27/2020	CLASS TEST
1st	4/28/2020	CLASS TEST
	4/29/2020	CLASS TEST
	4/30/2020	CLASS TEST