

LESSON PLANS

DEPARTMENT

Of

M.Sc.(CS)&BCA

SESSION 2021-2022

(EVEN SESSION)

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Name of the Assistant/Associate Professor: Dr. Neha Jain
Class and Section: M.Sc.-2nd Semester
Subject: Data Structure using C
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Programming fundamentals: Algorithm development
22.3.2022	Techniques of problem solving
23.3.2022	SHAHEEDI DIWAS
24.3.2022	decision table
25.3.2022	structured programming concepts; top-down design
26.3.2022	development of efficient program; program correctness;
27.3.2022	SUNDAY
28.3.2022	debugging and testing of programs,
29.3.2022	algorithm for searching,
30.3.2022	Sorting (exchange and insertion),
31.3.2022	Analysis of Algorithm: Frequency count,
01.4.2022	Time Space tradeoff,
02.4.2022	Variables, Static Variables,
03.4.2022	SUNDAY
05.4.2022	Programming in C: Introduction to C,
06.4.2022	Data type, constants and variable;
07.4.2022	Revision Unit 1
08.4.2022	Test Unit 1
09.4.2022	Structure of a C program,.
10.4.2022	SUNDAY
11.4.2022	Operators and Expressions,
12.4.2022	Control statements:
13.4.2022	Sequencing,
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Revision
16.4.2022	ASSIGNMENT
17.4.2022	SUNDAY
18.4.2022	Alteration and Iteration;
19.4.2022	Arrays:
20.4.2022	Representation of single and multidimensional arrays;
21.4.2022	sparse arrays - lower and upper triangular
22.4.2022	matrices and Tri-diagonal matrices;
23.4.2022	String and pointers,
24.4.2022	SUNDAY
25.4.2022	Functions, Recursion.
26.4.2022	Revision
27.4.2022	Revision
28.4.2022	Stacks and Queues: Introduction and Primitive operations on stack;
29.4.2022	Stack application:
30.4.2022	CLASS TEST
01.5.2022	SUNDAY
02.5.2022	Infix, postfix,
03.5.2022	ID UL FITR
04.5.2022	prefix expressions;
05.5.2022	Evaluation of postfix expression;
06.5.2022	Conversion from infix to Postfix;

07.5.2022	Introduction and Primitive Operation on queues,
08.5.2022	SUNDAY
09.5.2022	D-queues and Priority queues, Circular queue.
10.5.2022	Linked Lists: Introduction to Linked lists;
11.5.2022	Implementation of linked lists
12.5.2022	operations such as traversal,
13.5.2022	Insertion, deletion, searching, Two way lists.
14.5.2022	Revision
15.5.2022	SUNDAY
16.5.2022	Test
17.5.2022	Trees: Introduction and Terminology;
18.5.2022	Traversal of binary trees;
19.5.2022	Recursive algorithms for tree operations such as traversal,
20.5.2022	insertion, deletion;
21.5.2022	threaded Binary trees,
22.5.2022	SUNDAY
23.5.2022	binary search trees;
24.5.2022	AVL trees, B trees.
25.5.2022	File structure: Physical Storage devices and their characteristics, constituents of a file viz.
26.5.2022	fields, records, fixed and variable length records,
27.5.2022	primary and secondary keys;
28.5.2022	ASSIGNMENT
29.5.2022	SUNDAY
30.5.2022	file operations, basic file system operations,
31.5.2022	file organizations: serial sequential, index sequential,
01.6.2022	Revision
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Test
04.6.2022	direct, inverted, multilist.
05.6.2022	SUNDAY
06.6.2022	Sorting Techniques: Bubble Sort, Insertion sort, Selection sort,
07.6.2022	Sorting Techniques: Bubble Sort, Insertion sort, Selection sort,
08.6.2022	merge sort, Heap sort, Quick sort.
09.6.2022	merge sort, Heap sort, Quick sort.
10.6.2022	Searching Techniques: Linear search, Binary search,
11.6.2022	SUNDAY
12.6.2022	Searching Techniques: Linear search, Binary search,
13.6.2022	Hashing function and Collision Handling methods.,
14.6.2022	Hashing function and Collision Handling methods.,
15.6.2022	Hashing function and Collision Handling methods.,
16.6.2022	Hashing function and Collision Handling methods.,
17.6.2022	Hashing function and Collision Handling methods.,
18.6.2022	SUNDAY
19.6.2022	REVISION
20.6.2022	REVISION
21.6.2022	REVISION
22.6.2022	REVISION
23.6.2022	REVISION
24.6.2022	REVISION
25.6.2022	SUNDAY
26.6.2022	REVISION
27.6.2022	REVISION
28.6.2022	REVISION
29.6.2022	REVISION

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Name of the Assistant/Associate Professor: Dr. Neha Jain
Class and Section: BCA -6th Semester, Section:-A&B
Subject: .NET
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	The Framework of .Net: Building blocks of .Net Platform (the CLR, CTS and CLS)
22.3.2022	The Framework of .Net: Building blocks of .Net Platform (the CLR, CTS and CLS)
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Features of .Net, Deploying the .Net Runtime
25.3.2022	Features of .Net, Deploying the .Net Runtime
26.3.2022	Architecture of .Net platform
27.3.2022	SUNDAY
28.3.2022	
29.3.2022	Architecture of .Net platform
30.3.2022	Introduction to namespaces & type distinction.
31.3.2022	Types & Object in .Net, the evolution of Web development
1.4.2022	Revision
2.4.2022	Class Test
3.4.2022	SUNDAY
5.4.2022	Class Libraries in .Net
6.4.2022	Class Libraries in .Net
7.4.2022	Class Libraries in .Net
8.4.2022	Value types, reference
9.4.2022	Net, Metadata & attributes
10.4.2022	SUNDAY
11.4.2022	Net, Metadata & attributes
12.4.2022	Introduction to C#: Characteristics of C#, Data types
13.4.2022	Introduction to C#: Characteristics of C#, Data types
14.4.2022	types, default value, constants, variables, scope of variables, boxing and unboxing
15.4.2022	types, default value, constants, variables, scope of variables, boxing and unboxing
16.4.2022	Introduction to Assemblies & Manifest
17.4.2022	SUNDAY
18.4.2022	Revision
19.4.2022	Revision
20.4.2022	Revision
21.4.2022	Introduction to Assemblies & Manifest
22.4.2022	Doubt Class
23.4.2022	Doubt Class
24.4.2022	SUNDAY
25.4.2022	Class Test
26.4.2022	Operators and expressions: Arithmetic, relational, logical, bitwise, special operators
27.4.2022	Operators and expressions: Arithmetic, relational, logical, bitwise, special operators
28.4.2022	Operators and expressions: Arithmetic, relational, logical, bitwise, special operators
29.4.2022	evolution of expressions, operator precedence & associativity
30.4.2022	evolution of expressions, operator precedence & associativity
01.5.2022	SUNDAY
02.5.2022	evolution of expressions, operator precedence & associativity
03.5.2022	ID UL FITR
04.5.2022	Doubt Class

05.5.2022	Doubt Class
06.5.2022	Control constructs in C#
07.5.2022	Control constructs in C#
08.5.2022	SUNDAY
09.5.2022	Control constructs in C#
10.5.2022	Revision
11.5.2022	Decision making, loops
12.5.2022	Classes & methods: Class, methods
13.5.2022	Classes & methods: Class, methods
14.5.2022	Constructors, Destructors.
15.5.2022	SUNDAY
16.5.2022	Revision
17.5.2022	Doubt Class
18.5.2022	constructors, destructors
19.5.2022	constructors, destructors
20.5.2022	constructors, destructors
21.5.2022	overloading of operators & functions
22.5.2022	SUNDAY
23.5.2022	overloading of operators & functions
24.5.2022	overloading of operators & functions
25.5.2022	Doubt Class
26.5.2022	Class Test
27.5.2022	Revision
28.5.2022	Inheritance & polymorphism
29.5.2022	SUNDAY
30.5.2022	Advanced features of C#: Exception handling
31.5.2022	Advanced features of C#: Exception handling
01.6.2022	Advanced features of C#: Exception handling
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Revision
4.6.2022	Class Test
5.6.2022	SUNDAY
6.6.2022	error handling, automatic memory management
7.6.2022	error handling, automatic memory management
8.6.2022	error handling, automatic memory management
9.6.2022	Input and output (Directories, Files, and streams).
10.6.2022	Input and output (Directories, Files, and streams)
11.6.2022	SUNDAY
12.6.2022	Input and output (Directories, Files, and streams)
13.6.2022	Revision
14.6.2022	Class Test
15.6.2022	Input and output (Directories, Files, and streams)
16.6.2022	Input and output (Directories, Files, and streams)
17.6.2022	Input and output (Directories, Files, and streams)
18.6.2022	SUNDAY
19.6.2022	Doubt Classes
20.6.2022	Revision
21.6.2022	Revision

22.6.2022	Revision
23.6.2022	Revision
24.6.2022	Class Test
25.6.2022	SUNDAY
26.6.2022	Discussion of previous Year Question Paper
27.6.2022	Discussion of previous Year Question Paper
28.6.2022	Discussion of previous Year Question Paper
29.6.2022	Discussion of previous Year Question Paper
30.6.2022	Discussion of previous Year Question Paper

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Name of the Assistant/Associate Professor: Ms. Sandhya Chaudhary
Class and Section: M.Sc. – 2nd Semester
Subject: Object Oriented Programming Using C++
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Object Oriented Programming Concepts: Procedural Language and Object Oriented approach. Characteristics of OOP: Objects, classes
22.3.2022	Object Oriented Programming Concepts: Procedural Language and Object Oriented approach. Characteristics of OOP: Objects, classes
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Object Oriented Programming Concepts: Procedural Language and Object Oriented approach. Characteristics of OOP: Objects, classes
25.3.2022	Encapsulation, Data Abstraction, Inheritance,
26.3.2022	Encapsulation, Data Abstraction, Inheritance,
27.3.2022	SUNDAY
28.3.2022	Polymorphism, Dynamic Binding, Message Passing.
29.3.2022	Polymorphism, Dynamic Binding, Message Passing.
30.3.2022	Structure of C++ program: Data-types
31.3.2022	Structure of C++ program: Data-types
01.4.2022	Variables, Static Variables,
02.4.2022	Variables, Static Variables,
03.4.2022	SUNDAY
04.4.2022	Operators in C++, Arrays, Strings, Structure
05.4.2022	Operators in C++, Arrays, Strings, Structure
6.4.2022	Operators in C++, Arrays, Strings, Structure
7.4.2022	Functions, Recursion, Control Statements.
8.4.2022	Functions, Recursion, Control Statements.
9.4.2022	Functions, Recursion, Control Statements.
10.4.2022	SUNDAY
11.4.2022	Classes: Class, object, Memory Allocation for Objects, memory layout of objects, private, public, protected member functions,
12.4.2022	Classes: Class, object, Memory Allocation for Objects, memory layout of objects, private, public, protected member functions
13.4.2022	Classes: Class, object, Memory Allocation for Objects, memory layout of objects, private, public, protected member functions
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Test
16.4.2022	ASSIGNMENT
17.4.2022	SUNDAY
18.4.2022	Static members. Constructors: Features, types, dynamic constructor
19.4.2022	Static members. Constructors: Features, types, dynamic constructor
20.4.2022	static members. Constructors: Features, types, dynamic constructor
21.4.2022	Parameterized constructors; destructors. Memory management: Dynamic Memory allocation: new, delete, Object Creation at Run Time; This Pointer.
22.4.2022	Parameterized constructors; destructors. Memory management: Dynamic Memory allocation: new, delete, Object Creation at Run Time; This Pointer.
23.4.2022	Parameterized constructors; destructors. Memory management: Dynamic Memory allocation: new, delete, Object Creation at Run Time; This Pointer.
24.4.2022	SUNDAY
25.4.2022	Parameterized constructors; destructors. Memory management: Dynamic Memory allocation: new, delete, Object Creation at Run Time; This Pointer.

26.4.2022	Parameterized constructors; destructors. Memory management: Dynamic Memory allocation: new, delete, Object Creation at Run Time; This Pointer.
27.4.2022	Inheritance: Derived Class and Base Class, Different types of Inheritance
28.4.2022	Inheritance: Derived Class and Base Class, Different types of Inheritance
29.4.2022	Overriding member function, Public and Private Inheritance
30.4.2022	CLASS TEST
01.5.2022	SUNDAY
02.5.2022	Ambiguity in Multiple inheritance, Virtual Inheritance, Abstract Class. Polymorphism: Definition, operator overloading, Overloading Unary and Binary Operators, Function overloading, Virtual function, Friend function, Static function.
03.5.2022	ID UL FITR
04.5.2022	Ambiguity in Multiple inheritance, Virtual Inheritance,
05.5.2022	Ambiguity in Multiple inheritance, Virtual Inheritance,
06.5.2022	Ambiguity in Multiple inheritance, Virtual Inheritance,
07.5.2022	Abstract Class. Polymorphism: Definition, operator overloading,
08.5.2022	SUNDAY
09.5.2022	Overloading Unary and Binary Operators, Function overloading,
10.5.2022	Overloading Unary and Binary Operators, Function overloading,
11.5.2022	Overloading Unary and Binary Operators, Function overloading,
12.5.2022	Classes: Class, object, Memory Allocation for Objects,
13.5.2022	memory layout of objects, private, public, protected member functions,
14.5.2022	memory layout of objects, private, public, protected member functions,
15.5.2022	SUNDAY
16.5.2022	Abstract Class. Polymorphism: Definition, operator overloading
17.5.2022	Overloading Unary and Binary Operators, Function overloading,
18.5.2022	Virtual function, Friend function, Static function.
19.5.2022	Virtual function, Friend function, Static function.
20.5.2022	Virtual function, Friend function, Static function.
21.5.2022	Virtual function, Friend function, Static function.
22.5.2022	SUNDAY
23.5.2022	Virtual function, Friend function, Static function.
24.5.2022	Virtual function, Friend function, Static function.
25.5.2022	Exception handling: Throwing, Catching, Re-throwing an exception, specifying exceptions
26.5.2022	Exception handling: Throwing, Catching, Re-throwing an exception, specifying exceptions
27.5.2022	Exception handling: Throwing, Catching, Re-throwing an exception, specifying exceptions
28.5.2022	ASSIGNMENT
29.5.2022	SUNDAY
30.5.2022	processing unexpected exceptions
31.5.2022	Exceptions when handling exceptions
01.6.2022	Exceptions when handling exceptions
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Exceptions when handling exceptions
4.6.2022	resource capture and release.Templates: Introduction; Class templates
5.6.2022	SUNDAY
6.6.2022	resource capture and release.Templates: Introduction; Class templates
7.6.2022	resource capture and release.Templates: Introduction; Class templates
8.6.2022	Function templates; Overloading of template function, namespaces.
9.6.2022	Function templates; Overloading of template function, namespaces.
10.6.2022	Introduction to STL: Standard Template Library
11.6.2022	SUNDAY
12.6.2022	Introduction to STL: Standard Template Library
13.6.2022	benefits of STL; containers,
14.6.2022	benefits of STL; containers

15.6.2022	adapters, iterators, vector, lists.
16.6.2022	adapters, iterators, vector, lists.
17.6.2022	adapters, iterators, vector, lists.
18.6.2022	SUNDAY
19.6.2022	REVISION
20.6.2022	REVISION
21.6.2022	REVISION
22.6.2022	REVISION
23.6.2022	REVISION
24.6.2022	REVISION
25.6.2022	SUNDAY
26.6.2022	REVISION
27.6.2022	REVISION
28.6.2022	REVISION
29.6.2022	REVISION
30.6.2022	REVISION

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Name of the Assistant/Associate Professor: Ms. Sandhya Chaudhary
Class and Section: M.Sc. - 4th Semester
Subject: Java Programming
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Java History, Java features Java and Internet
22.3.2022	Java History, Java features Java and Internet
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Java and World Wide Web, Java Program Structure
25.3.2022	Java and World Wide Web, Java Program Structure
26.3.2022	Java Tokens
27.3.2022	SUNDAY
28.3.2022	Java Virtual Machine
30.3.2022	Data Types, Operators and Expressions
31.3.2022	Decision Making and Branching, looping Classes and Methods. Inheritance: Using Existing Classes,
1.4.2022	Decision Making and Branching, looping Classes and Methods. Inheritance: Using Existing
2.4.2022	Decision Making and Branching, looping Classes and Methods. Inheritance: Using Existing
3.4.2022	SUNDAY
5.4.2022	Class Inheritance, Choosing Base Class
6.4.2022	Class Inheritance, Choosing Base Class
7.4.2022	Access Attributes, types of Inheritance, Abstract Classes, Using Final Modifier.
8.4.2022	Access Attributes, types of Inheritance, Abstract Classes, Using Final Modifier.
9.4.2022	Access Attributes, types of Inheritance, Abstract Classes, Using Final Modifier.
10.4.2022	SUNDAY
11.4.2022	Polymorphism: Types of polymorphism. Packages & Interfaces:
12.4.2022	Polymorphism: Types of polymorphism. Packages & Interfaces:
13.4.2022	Understanding Packages, Defining a Package, Packaging up Your Classes,
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	CLASS TEST
16.4.2022	Understanding Packages, Defining a Package, Packaging up Your Classes,
17.4.2022	SUNDAY
18.4.2022	Adding Classes from a Package to Your Program,
19.4.2022	Adding Classes from a Package to Your Program,
20.4.2022	Understanding CLASSPATH, Access Protection in Packages
21.4.2022	Understanding CLASSPATH, Access Protection in Packages
22.4.2022	Concept of Interface.Exception Handling: Types of Exceptions, Dealing with Exceptions, Exception Objects.
23.4.2022	Concept of Interface.Exception Handling: Types of Exceptions, Dealing with Exceptions, Exception Objects.
24.4.2022	SUNDAY
25.4.2022	Concept of Interface.Exception Handling: Types of Exceptions, Dealing with Exceptions, Exception Objects.
26.4.2022	Concept of Interface.Exception Handling: Types of Exceptions, Dealing with Exceptions, Exception Objects.
27.4.2022	Multithreading Programming: Understanding Threads,
28.4.2022	Multithreading Programming: Understanding Threads,
29.4.2022	The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities, Synchronization
30.4.2022	The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities, Synchronization
01.5.2022	SUNDAY
02.5.2022	The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities, Synchronization
03.5.2022	ID UL FITR

04.5.2022	The Main Thread, Creating a Thread, Creating Multiple Threads, Thread Priorities, Synchronization
05.5.2022	Deadlocks Inter-thread communication Input/Output in Java: I/O Basic, Byte and Character Structures, I/O Classes, Reading Console.
06.5.2022	Deadlocks Inter-thread communication Input/Output in Java: I/O Basic, Byte and Character Structures, I/O Classes, Reading Console.
07.5.2022	Deadlocks Inter-thread communication Input/Output in Java: I/O Basic, Byte and Character Structures, I/O Classes, Reading Console.
08.5.2022	SUNDAY
09.5.2022	Creating Applets in Java: Applet Basics,
10.5.2022	Creating Applets in Java: Applet Basics,
11.5.2022	Understanding Packages, Defining a Package,
12.5.2022	Understanding Packages, Defining a Package,
13.5.2022	Packaging up Your Classes, Applet Architecture, Applet Life Cycle, Simple Applet Display Methods, Requesting Repainting, Using The Status Window,
14.5.2022	Packaging up Your Classes, Applet Architecture, Applet Life Cycle, Simple Applet Display Methods, Requesting Repainting, Using The Status Window,
15.5.2022	SUNDAY
16.5.2022	Packaging up Your Classes, Applet Architecture, Applet Life Cycle, Simple Applet Display Methods, Requesting Repainting, Using The Status Window,
17.5.2022	Packaging up Your Classes, Applet Architecture, Applet Life Cycle, Simple Applet Display Methods, Requesting Repainting, Using The Status Window,
18.5.2022	The HTML APPLETTAG Passing Parameters to Applets.
19.5.2022	The HTML APPLETTAG Passing Parameters to Applets.
20.5.2022	The HTML APPLETTAG Passing Parameters to Applets.
21.5.2022	Assignment
22.5.2022	SUNDAY
23.5.2022	AWT: Working with AWT Controls, AWT Classes, Window Fundamentals, Working with Frame,
24.5.2022	AWT: Working with AWT Controls, AWT Classes, Window Fundamentals, Working with Frame,
25.5.2022	AWT: Working with AWT Controls, AWT Classes, Window Fundamentals, Working with Frame,
26.5.2022	Creating a Frame Window in an Applet,
27.5.2022	Creating a Frame Window in an Applet,
28.5.2022	Displaying Information Within a Window.
29.5.2022	SUNDAY
30.5.2022	Displaying Information Within a Window.
31.5.2022	Working with Graph: Working with Graphics, Working with Color
01.6.2022	Working with Graph: Working with Graphics, Working with Color
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	ASSIGNMENT
4.6.2022	CLASS TEST
5.6.2022	SUNDAY
6.6.2022	Setting the Paint Mode, Working with Fonts,
7.6.2022	Setting the Paint Mode, Working with Fonts,
8.6.2022	Setting the Paint Mode, Working with Fonts
9.6.2022	Exploring Text and Graphics
10.6.2022	Exploring Text and Graphics
11.6.2022	SUNDAY
12.6.2022	Layout Managers and Menus.
13.6.2022	Layout Managers and Menus.
14.6.2022	Layout Managers and Menus.
15.6.2022	REVISION
16.6.2022	REVISION
17.6.2022	REVISION
18.6.2022	SUNDAY

19.6.2022	REVISION
20.6.2022	REVISION
21.6.2022	REVISION
22.6.2022	REVISION
23.6.2022	REVISION
24.6.2022	REVISION
25.6.2022	SUNDAY
26.6.2022	REVISION
27.6.2022	REVISION
28.6.2022	REVISION
29.6.2022	REVISION
30.6.2022	REVISION

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Name of the Assistant/Associate Professor: Ms. Sandhya Chaudhary	
Class and Section: BCA-6th Semester, Section -A	
Subject: Object Technologies & Programming using Java	
Mode of Teaching: Offline	
Lectures Per Week: 6	
Date	Topic To Be Covered
21.3.2022	Object Oriented Methodology-1: Paradigms of Programming Languages,
22.3.2022	Evolution of OO Methodology,
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Basic Concepts of OO Approach,
25.3.2022	Basic Concepts of OO Approach,
26.3.2022	Comparison of Object Oriented and Procedure Oriented Approaches,
27.3.2022	SUNDAY
28.3.2022	Benefits of OOPs, Introduction to Common OO Language, Applications of OOPs .
29.3.2022	Benefits of OOPs, Introduction to Common OO Language, Applications of OOPs .
30.3.2022	Benefits of OOPs, Introduction to Common OO Language, Applications of OOPs
31.3.2022	Object Oriented Methodology-2: Classes and Objects,
1.4.2022	Object Oriented Methodology-2: Classes and Objects,
2.4.2022	ASSIGNMENT
3.4.2022	SUNDAY
5.4.2022	Abstraction and Encapsulation.
6.4.2022	Abstraction and Encapsulation.
7.4.2022	Inheritance, Method Overriding and Polymorphism
8.4.2022	Inheritance, Method Overriding and Polymorphism
9.4.2022	Inheritance, Method Overriding and Polymorphism
10.4.2022	SUNDAY
11.4.2022	Java Language Basics: Introduction To Java, Basic Features, Java Virtual Machine Concepts,
12.4.2022	Java Language Basics: Introduction To Java, Basic Features, Java Virtual Machine Concepts
13.4.2022	Primitive Data Type And Variables
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Java Operators, Expressions, Statements and Arrays
16.4.2022	Java Operators, Expressions, Statements and Arrays
17.4.2022	SUNDAY
18.4.2022	Java Operators, Expressions, Statements and Arrays
19.4.2022	Object Oriented Concepts: Class and Objects-- Class Fundamentals, Creating objects .
20.4.2022	Class Fundamentals, Creating objects .
21.4.2022	Class Fundamentals, Creating objects .
22.4.2022	Assigning object reference variables; Introducing Methods, Static methods, Constructors
23.4.2022	Introducing Methods, Static methods, Constructors
24.4.2022	SUNDAY
25.4.2022	Introducing Methods, Static methods, Constructors
26.4.2022	Overloading constructors; This Keyword; Using Objects as Parameters
27.4.2022	Overloading constructors; This Keyword; Using Objects as Parameters
28.4.2022	Overloading constructors; This Keyword; Using Objects as Parameters
29.4.2022	Argument passing,Returning objects , Method overloading, Garbage Collection,
30.4.2022	Argument passing,Returning objects , Method overloading, Garbage Collection,
01.5.2022	SUNDAY
02.5.2022	The Finalize () Method.Inheritance and Polymorphism: Inheritance Basics, Access Control,
03.5.2022	ID UL FITR
04.5.2022	The Finalize () Method.Inheritance and Polymorphism: Inheritance Basics, Access Control,
05.5.2022	Multilevel Inheritance,Method Overriding.

06.5.2022	Class Test
07.5.2022	Abstract Classes, Polymorphism, Final Keyword.
08.5.2022	SUNDAY
09.5.2022	Abstract Classes, Polymorphism, Final Keyword.
10.5.2022	Abstract Classes, Polymorphism, Final Keyword.
11.5.2022	Packages : Defining Package, CLASSPATH, Package naming, Accessibility of Packages ,using Package Members.Interfaces: Implementing Interfaces,
12.5.2022	Interfaces: Implementing Interfaces,
13.5.2022	Packages : Defining Package, CLASSPATH, Package naming, Accessibility of Packages ,using Package Members.Interfaces: Implementing Interfaces
14.5.2022	Packages : Defining Package, CLASSPATH, Package naming, Accessibility of Packages ,using Package Members.Interfaces: Implementing Interfaces
15.5.2022	SUNDAY
16.5.2022	Interface and Abstract Classes, Extends and Implements together .Exceptions Handling : Exception , Handling of Exception, Using try-catch , CatchingMultiple Exceptions ,
17.5.2022	Interface and Abstract Classes, Extends and Implements together .Exceptions Handling : Exception , Handling of Exception, Using try-catch , CatchingMultiple Exceptions ,
18.5.2022	Interface and Abstract Classes, Extends and Implements together .Exceptions Handling : Exception , Handling of Exception, Using try-catch , CatchingMultiple Exceptions ,
19.5.2022	Using finally clause , Types of Exceptions, Throwing Exceptions,Writing Exception Subclasses.
20.5.2022	Using finally clause , Types of Exceptions, Throwing Exceptions,Writing Exception Subclasses
21.5.2022	Using finally clause , Types of Exceptions, Throwing Exceptions,Writing Exception Subclasses
22.5.2022	SUNDAY
23.5.2022	Multithreading : Introduction , The Main Thread, Java Thread Model,
24.5.2022	The Main Thread, Java Thread Model
25.5.2022	The Main Thread, Java Thread Model
26.5.2022	Thread Priorities,Synchronization in Java, Inter thread Communication.
27.5.2022	Thread Priorities,Synchronization in Java, Inter thread Communication
28.5.2022	I/O in Java : I/O Basics, Streams and Stream Classes ,The Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files ,
29.5.2022	SUNDAY
30.5.2022	I/O in Java : I/O Basics, Streams and Stream Classes ,The Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files ,
31.5.2022	I/O in Java : I/O Basics, Streams and Stream Classes ,The Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files ,
01.6.2022	I/O in Java : I/O Basics, Streams and Stream Classes ,The Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files ,
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	I/O in Java : I/O Basics, Streams and Stream Classes ,The Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files ,
4.6.2022	Class Test
5.6.2022	SUNDAY
6.6.2022	The Transient and VolatileModifiers , Using Instance of Native Methods.Strings and Characters : Fundamentals of Characters and Strings,
7.6.2022	The Transient and VolatileModifiers , Using Instance of Native Methods.Strings and Characters : Fundamentals of Characters and Strings,
8.6.2022	The Transient and VolatileModifiers , Using Instance of Native Methods.Strings and Characters : Fundamentals of Characters and Strings,
9.6.2022	The Transient and VolatileModifiers , Using Instance of Native Methods.Strings and Characters : Fundamentals of Characters and Strings,
10.6.2022	The String Class , String Operations , Data Conversion using Value Of () Methods ,
11.6.2022	SUNDAY
12.6.2022	The String Class , String Operations .
13.6.2022	The String Class , String Operations .

14.6.2022	Data Conversion using Value Of () Methods
15.6.2022	Data Conversion using Value Of () Methods
16.6.2022	String Buffer Class and Methods.
17.6.2022	String Buffer Class and Methods
18.6.2022	SUNDAY
19.6.2022	REVISION
20.6.2022	REVISION
21.6.2022	REVISION
22.6.2022	REVISION
23.6.2022	REVISION
24.6.2022	REVISION
25.6.2022	SUNDAY
26.6.2022	REVISION
27.6.2022	REVISION
28.6.2022	REVISION
29.6.2022	REVISION
30.6.2022	REVISION

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Name of the Assistant/Associate Professor: Ms. NEETU
Class and Section: MSc.-2nd Semester
Subject: Software Engineering
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Software crisis
22..3.2022	Software crisis
23.3.2022	Software engineering Approach and Challenges
24.3.2022	Software engineering Approach and Challenges
25.3.2022	Automation through software environments
26.3.2022	Software development process models with comparison
27..3.2022	SUNDAY
28.3.2022	Software development process models with comparison
29.3.2022	Waterfall, Prototype, Time boxing and Spiral Models, RAD Model
30.3.2022	Waterfall, Prototype, Time boxing and Spiral Models, RAD Model
31.3.2022	Waterfall, Prototype, Time boxing and Spiral Models, RAD Model
1.4.2022	Waterfall, Prototype, Time boxing and Spiral Models, RAD Model
2.4.2022	Revision
3.4.2022	SUNDAY
4.4.2022	Automation through software environments
5.4.2022	Automation through software environments
6.4.2022	Automation through software environments
7.4.2022	Quality Standards like ISO 9001
8.4.2022	Quality Standards like ISO 9001
9.4.2022	SEI-CMM
10.4.2022	SUNDAY
11.4.2022	SEI-CMM
12.4.2022	Revision
13.4.2022	Test
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Structured Analysis
16.4.2022	Structured Analysis
17.4.2022	SUNDAY
18.4.2022	Behavioral & non-behavioral requirements
19.4.2022	Behavioral & non-behavioral requirements
20.4.2022	Software requirement specification: components & characteristics
21.4.2022	Software requirement specification: components & characteristics
22.4.2022	Function point metric
23.4.2022	Function point metric
24.4.2022	SUNDAY
25.4.2022	Cost estimation, static, Single & multivariate models
26.4.2022	Cost estimation, static, Single & multivariate models
27.4.2022	COCOMO model
28.4.2022	COCOMO model
29.4.2022	Putnam Resource Allocation Model
30.4.2022	Putnam Resource Allocation Model
01.5.2022	SUNDAY
02.5.2022	Revision
03.5.2022	ID UL FITR
04.5.2022	Risk management

05.5.2022	Risk management
06.5.2022	project scheduling
07.5.2022	personnel planning, team structure
08.5.2022	SUNDAY
09.5.2022	personnel planning, team structure
10.5.2022	Software configuration management, quality assurance, project monitoring, Empirical.
11.5.2022	Software configuration management, quality assurance, project monitoring, Empirical.
12.5.2022	Software configuration management, quality assurance, project monitoring, Empirical.
13.5.2022	Software configuration management, quality assurance, project monitoring, Empirical.
14.5.2022	Software configuration management, quality assurance, project monitoring, Empirical.
15.5.2022	SUNDAY
16.5.2022	Fundamentals
17.5.2022	Problem partitioning & abstraction
18.5.2022	Design methodology
19.5.2022	Function Oriented Design
20.5.2022	Cohesion, Coupling & their classification
21.5.2022	Cohesion, Coupling & their classification
22.5.2022	SUNDAY
23.5.2022	User Interface Design, Detailed design, Information flow metric
24.5.2022	Choosing Programming Language, Characteristics of Program
25.5.2022	Avoiding Dead Codes, and Program Metrics: Size Estimation
26.5.2022	Avoiding Dead Codes, and Program Metrics: Size Estimation
27.5.2022	Revision
28.5.2022	Test
29.5.2022	SUNDAY
30.5.2022	Complexity metric (McCabe's Cyclometric Complexity)
31.5.2022	Halsted Theory
01.6.2022	Function Point Analysis
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Impracticality of Testing all Data and Paths
4.6.2022	Impracticality of Testing all Data and Paths
5.6.2022	SUNDAY
6.6.2022	Levels of testing, Functional vs. Structural testing
7.6.2022	Static and Dynamic Testing Tools
8.6.2022	Regression testing
9.6.2022	Mutation Testing
10.6.2022	Stress Testing
11.6.2022	Revision
12.6.2022	SUNDAY
13.6.2022	Validation Vs. verification
14.6.2022	Source Code Translation
15.6.2022	Program Restructuring
16.6.2022	Data Re-Engineering
17.6.2022	Reverse Engineering
18.6.2022	Test
19.6.2022	SUNDAY
20.6.2022	Maintaining Product Integrity, Change Management
21.6.2022	Version Control, Configuration accounting: Reviews
22.6.2022	Walkthrough, Inspection, and Configuration Audits
23.6.2022	Reliability Models (JM, GO, MUSA Markov)
24.6.2022	Limitations of Reliability Models
25.6.2022	Revision
26.6.2022	SUNDAY

27.6.2022	Revision
28.6.2022	Revision
29.6.2022	Revision
30.6.2022	Revision

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Name of the Assistant/Associate Professor: Ms. NEETU

Class and Section: MSc. -4th Semester

Subject: Multimedia and Its Applications

Mode of Teaching: Offline

Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Definition of multimedia
22..3.2022	Multimedia Basics
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Multimedia Basics
25.3.2022	Where to use Multimedia
26.3.2022	Where to use Multimedia
27..3.2022	SUNDAY
28.3.2022	Multimedia Elements, Multimedia Application
29.3.2022	Multimedia Elements, Multimedia Application
30.3.2022	Multimedia Elements, Multimedia Application
31.3.2022	Virtual Reality, Delivering Multimedia
1.4.2022	Virtual Reality, Delivering Multimedia
2.4.2022	Virtual Reality, Delivering Multimedia
3.4.2022	SUNDAY
4.4.2022	Multimedia Workstation Architecture
5.4.2022	Multimedia Workstation Architecture
6.4.2022	High resolution Graphic displays; Network architecture for Multimedia systems.
7.4.2022	High resolution Graphic displays; Network architecture for Multimedia systems.
8.4.2022	High resolution Graphic displays; Network architecture for Multimedia systems.
9.4.2022	Revision
10.4.2022	SUNDAY
11.4.2022	Hypermedia Documents
12.4.2022	Hypermedia Documents
13.4.2022	Hypertext - Hyper Speech - HDTV and UDTV, 3D Technology
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Hypertext - Hyper Speech - HDTV and UDTV, 3D Technology
16.4.2022	Revision
17.4.2022	SUNDAY
18.4.2022	Hypertext - Hyper Speech - HDTV and UDTV, 3D Technology
19.4.2022	Overview of Multimedia Software Tools
20.4.2022	Overview of Multimedia Software Tools
21.4.2022	Open Source Replacements
22.4.2022	Open Source Replacements
23.4.2022	Test
24.4.2022	SUNDAY
25.4.2022	Multimedia Authoring - Some Useful Editing and Authoring Tools - VRML.
26.4.2022	Multimedia Authoring - Some Useful Editing and Authoring Tools - VRML.
27.4.2022	Multimedia Authoring - Some Useful Editing and Authoring Tools - VRML.
28.4.2022	About Fonts and Face
29.4.2022	About Fonts and Face
30.4.2022	Hypermedia and Hypertext. Images
01.5.2022	SUNDAY
02.5.2022	Revision
03.5.2022	ID UL FITR
04.5.2022	Hypermedia and Hypertext. Images

05.5.2022	Hypermedia and Hypertext. Images
06.5.2022	Making Still Images, Bitmaps - 1 bit images - 8-bit gray level images - 8-bit color images- Dithering24 bit color images.
07.5.2022	Making Still Images, Bitmaps - 1 bit images - 8-bit gray level images - 8-bit color images- Dithering24 bit color images.
08.5.2022	SUNDAY
09.5.2022	Making Still Images, Bitmaps - 1 bit images - 8-bit gray level images - 8-bit color images- Dithering24 bit color images.
10.5.2022	Making Still Images, Bitmaps - 1 bit images - 8-bit gray level images - 8-bit color images- Dithering24 bit color images.
11.5.2022	Vector Drawing - Vector-Drawn Objects vs. Bitmaps.
11.5.2022	Vector Drawing - Vector-Drawn Objects vs. Bitmaps.
13.5.2022	Vector Drawing - Vector-Drawn Objects vs. Bitmaps.
14.5.2022	Revision
15.5.2022	SUNDAY
16.5.2022	Vector Drawing - Vector-Drawn Objects vs. Bitmaps.
17.5.2022	Sound: MIDI Audio - MIDI vs. Digital Audi; Multimedia System Sounds
18.5.2022	Sound: MIDI Audio - MIDI vs. Digital Audi; Multimedia System Sounds
19.5.2022	Sound: MIDI Audio - MIDI vs. Digital Audi; Multimedia System Sounds
20.5.2022	Adding Sound to Your Multimedia Project, Audio Recording
21.5.2022	Revision
22.5.2022	SUNDAY
23.5.2022	Adding Sound to Your Multimedia Project, Audio Recording
24.5.2022	The Power of Motion- Principles of Animation - Animation by Computer - Animation Techniques, Types of Animation.
25.5.2022	The Power of Motion- Principles of Animation - Animation by Computer - Animation Techniques, Types of Animation.
26.5.2022	The Power of Motion- Principles of Animation - Animation by Computer - Animation Techniques, Types of Animation.
27.5.2022	The Power of Motion- Principles of Animation - Animation by Computer - Animation Techniques, Types of Animation.
28.5.2022	Test
29.5.2022	SUNDAY
30.5.2022	Need for Data compression - General Data compression Scheme
31.5.2022	Need for Data compression - General Data compression Scheme
01.6.2022	Compression standards - Non-lossy compression for images - Lossy compression for Photographs and video
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Compression standards - Non-lossy compression for images - Lossy compression for Photographs and video
4.6.2022	Compression standards - Non-lossy compression for images - Lossy compression for Photographs and video
5.6.2022	SUNDAY
6.6.2022	Hardware Vs Software Compression, : Basics of Binary image compression
7.6.2022	Hardware Vs Software Compression, : Basics of Binary image compression
8.6.2022	Hardware Vs Software Compression, : Basics of Binary image compression
9.6.2022	Popular File Formats - RTF, RIFF, GIF, PNG, TIFF, MIDI, JPEG, JFIF, AVI,WAV, BMP,WMF, MIX, MPEG standards - TWAIN.
10.6.2022	Popular File Formats - RTF, RIFF, GIF, PNG, TIFF, MIDI, JPEG, JFIF, AVI,WAV, BMP,WMF, MIX, MPEG standards - TWAIN.
11.6.2022	Revision
12.6.2022	SUNDAY

13.6.2022	Popular File Formats - RTF, RIFF, GIF, PNG, TIFF, MIDI, JPEG, JFIF, AVI,WAV, BMP,WMF, MIX, MPEG standards - TWAIN.
14.6.2022	Popular File Formats - RTF, RIFF, GIF, PNG, TIFF, MIDI, JPEG, JFIF, AVI,WAV, BMP,WMF, MIX, MPEG standards - TWAIN.
15.6.2022	Limitations of Traditional input devices - Multimedia input output devices
16.6.2022	Limitations of Traditional input devices - Multimedia input output devices
17.6.2022	PEN input - Working of Electronic Pen - Video and image display systems.
18.6.2022	PEN input - Working of Electronic Pen - Video and image display systems.
19.6.2022	SUNDAY
20.6.2022	Video display technology standards; CRT - display terminology, Flat panel display system
21.6.2022	Video display technology standards; CRT - display terminology, Flat panel display system
22.6.2022	Video display technology standards; CRT - display terminology, Flat panel display system
23.6.2022	The Stages of a Multimedia Project
24.6.2022	he Stages of a Multimedia Project
25.6.2022	Creativity, Organization, Communication - Hardware - Software
26.6.2022	Text Editing and Word Processing Tools - OCR Software - Painting and Drawing Tools
27.6.2022	Text Editing and Word Processing Tools - OCR Software - Painting and Drawing Tools
28.6.2022	3-D Modeling and Animation, Authoring Systems - Making Instant Multimedia
29.6.2022	3-D Modeling and Animation, Authoring Systems - Making Instant Multimedia
30.6.2022	Types of Authoring Tools.



Name of the Assistant/Associate Professor: Ms. NEETU
Class and Section: BCA-4th Semester , Section-A
Subject: Object Oriented Programming Using C++
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Procedural Language and Object Oriented approach
22.3.2022	Procedural Language and Object Oriented approach
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Characteristics of OOP
25.3.2022	Characteristics of OOP
26.3.2022	user defined types
27.3.2022	SUNDAY
28.3.2022	user defined types
29.3.2022	user defined types
30.3.2022	polymorphism and encapsulation.
31.3.2022	polymorphism and encapsulation.
1.4.2022	Getting started with C++: syntax, data types
2.4.2022	Revision
3.4.2022	SUNDAY
4.4.2022	Getting started with C++: syntax, data types
5.4.2022	Getting started with C++: syntax, data types
6.4.2022	variables, string, function, namespace and exception
7.4.2022	variables, string, function, namespace and exception
8.4.2022	variables, string, function, namespace and exception
9.4.2022	operators, flow control, recursion, array and pointer, structure
10.4.2022	SUNDAY
11.4.2022	operators, flow control, recursion, array and pointer, structure
12.4.2022	Test
13.4.2022	classes, private and public
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	classes, private and public
16.4.2022	Constructor and Destructor
17.4.2022	SUNDAY
18.4.2022	Constructor and Destructor
19.4.2022	Constructor and Destructor
20.4.2022	member function, static members, references
21.4.2022	member function, static members, references
22.4.2022	member function, static members, references
23.4.2022	Revision
24.4.2022	SUNDAY
25.4.2022	new, delete, object copying
26.4.2022	new, delete, object copying
27.4.2022	copy constructor, assignment operator, this input/output
28.4.2022	copy constructor, assignment operator, this input/output
29.4.2022	copy constructor, assignment operator, this input/output
30.4.2022	Revision
01.5.2022	SUNDAY
02.5.2022	Test
03.5.2022	ID UL FITR
04.5.2022	Derived Class and Base Class

05.5.2022	Derived Class and Base Class
06.5.2022	Derived Class and Base Class
07.5.2022	Different types of Inheritance
08.5.2022	SUNDAY
09.5.2022	Different types of Inheritance
10.5.2022	Different types of Inheritance
11.5.2022	Different types of Inheritance
12.5.2022	Different types of Inheritance
13.5.2022	Different types of Inheritance
14.5.2022	Revision
15.5.2022	SUNDAY
16.5.2022	Overriding member function
17.5.2022	Overriding member function
18.5.2022	Abstract Class, Public and Private Inheritance
19.5.2022	Abstract Class, Public and Private Inheritance
20.5.2022	Abstract Class, Public and Private Inheritance
21.5.2022	Test
22.5.2022	SUNDAY
23.5.2022	Ambiguity in Multiple inheritance
24.5.2022	Ambiguity in Multiple inheritance
25.5.2022	Virtual function
26.5.2022	Virtual function
27.5.2022	Friend function
28.5.2022	Friend function
29.5.2022	SUNDAY
30.5.2022	Static function.
31.5.2022	Static function.
01.6.2022	Revision
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Exception and derived class
4.6.2022	Test
5.6.2022	SUNDAY
6.6.2022	Exception and derived class
7.6.2022	Exception and derived class
8.6.2022	Function exception declaration
9.6.2022	Function exception declaration
10.6.2022	Function exception declaration
11.6.2022	Revision
12.6.2022	SUNDAY
13.6.2022	unexpected exception, exception when handling exception
14.6.2022	unexpected exception, exception when handling exception
15.6.2022	unexpected exception, exception when handling exception
16.6.2022	resource capture and release.
17.6.2022	resource capture and release.
18.6.2022	Template classes & declaration
19.6.2022	SUNDAY
20.6.2022	Template classes & declaration
21.6.2022	template functions
22.6.2022	template functions
23.6.2022	namespace, string, iterators, hashes, iostreams and other types
24.6.2022	namespace, string, iterators, hashes, iostreams and other types
25.6.2022	namespace, string, iterators, hashes, iostreams and other types
26.6.2022	SUNDAY
27.6.2022	Revision
28.6.2022	Revision

29.6.2022	Revision
30.6.2022	Revision

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Name of the Assistant/Associate Professor: Ms. Gurpreet Kaur
Class and Section: MSc-4th Semester
Subject: Internet and Web Designing
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Internet, Evolution of Internet
22..3.2022	Types of Computer Network: LAN, WAN, MAN
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Internet Protocol
25.3.2022	Internet Protocol
26.3.2022	Internet Services
27..3.2022	SUNDAY
28.3.2022	WWW, Working of Internet
29.3.2022	Doubt Class
30.3.2022	Test
31.3.2022	Introduction to Intranet
1.4.2022	DNS working
2.4.2022	DNS working
3.4.2022	SUNDAY
4.4.2022	Configuring Internet Connection
5.4.2022	Revision Test
6.4.2022	Internet Connection Concepts
7.4.2022	Connecting LAN to Internet
8.4.2022	Client-Server Environment: Single User, Multi User
9.4.2022	Server, Workstation
10.4.2022	SUNDAY
11.4.2022	Computer Network
12.4.2022	Network Topologies
13.4.2022	Network Protocols
14.4.2022	Doubt Class
15.4.2022	E-Mail Concepts
16.4.2022	Revision Test
17.4.2022	SUNDAY
18.4.2022	Configuring E-Mail Program.
19.4.2022	Sending and Receiving Files through E-Mail
20.4.2022	Fighting Spam
21.4.2022	Sorting Mail
22.4.2022	E-Mail mailing lists and avoiding E-Mail viruses
23.4.2022	Searching and Web Casting Technique: Popular web servers
24.4.2022	SUNDAY
25.4.2022	Web Browsers
26.4.2022	Basic features of browsers: bookmarks
27.4.2022	Cookies, progress indicators
28.4.2022	Doubt Class
29.4.2022	Customization of browsers
30.4.2022	Browsing tricks
01.5.2022	SUNDAY
02.5.2022	Browsing tricks
03.5.2022	ID UL FITR

04.5.2022	Next generation web browsing
05.5.2022	Next generation web browsing
06.5.2022	Search engines
07.5.2022	Search engines
08.5.2022	SUNDAY
09.5.2022	Hypertext Transfer Protocol (HTTP), URL
10.5.2022	Internet Tools: Online Chatting
11.5.2022	Messaging, and Conferencing Concepts
12.5.2022	Usenet newsgroup concepts: Reading UseNet newsgroups
13.5.2022	Web-Based chat rooms and Discussion Boards
14.5.2022	Revision Test
15.5.2022	SUNDAY
16.5.2022	Instant messaging
17.5.2022	Voice conferencing
18.5.2022	Video conferencing
19.5.2022	Streamlining Browsing
20.5.2022	Keeping track of Favorite Web Sites
21.5.2022	Web Security, Privacy
22.5.2022	SUNDAY
23.5.2022	Site-Blocking
24.5.2022	Revision Test
25.5.2022	Understanding HTML
26.5.2022	XHTML Syntax and Semantics
27.5.2022	XHTML Syntax and Semantics
28.5.2022	HTML Elements: Paragraph, Lists, Tables, Images
29.5.2022	SUNDAY
30.5.2022	Frames, Forms
31.5.2022	Linking to other Web Pages: External and Internal linking
01.6.2022	E-mail Links
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Working with Background colors and Images
4.6.2022	Marquee
5.6.2022	SUNDAY
6.6.2022	Text Alignment and Text Formatting
7.6.2022	Class Test
8.6.2022	Revision Test
9.6.2022	Advanced Layout with Tables
10.6.2022	Advanced Layout with Tables
11.6.2022	Publishing HTML Pages
12.6.2022	SUNDAY
13.6.2022	Publishing HTML Pages
14.6.2022	Cascading Style Sheets: Introduction, Inline
15.6.2022	Internal ,External CSS , Linking CSS to Web Page
16.6.2022	Client–Side Programming: Introduction to JavaScript
17.6.2022	Basic Syntax ,Variables and Data types
18.6.2022	Statements, Operators
19.6.2022	SUNDAY
20.6.2022	Literals, Functions, Objects, Arrays
21.6.2022	Literals, Functions, Objects, Arrays
22.6.2022	XML: Relation between XML and HTML ,Goals of XML, Structure and Syntax of XML
23.6.2022	XML: Relation between XML and HTML ,Goals of XML, Structure and Syntax of XML
24.6.2022	Well Formed XML

25.6.2022	DTD and its Structure
26.6.2022	SUNDAY
27.6.2022	Tree structures in data organization, Searching with XPath
28.6.2022	Tree structures in data organization, Searching with XPath
29.6.2022	Discussion of Previous Year Question Paper
30.6.2022	Discussion of Previous Year Question Paper

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Name of the Assistant/Associate Professor: Ms. Gurpreet Kaur
Class and Section: BCA –6th Semester , Section- B
Subject: Object Technologies & Programming using Java
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Paradigms of Programming Languages, Evolution of OO Methodology
22..3.2022	Basic Concepts of OO Approach
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Comparison of Object Oriented and Procedure Oriented Approaches
25.3.2022	Benefits of OOPs
26.3.2022	Introduction to Common OO Language
27..3.2022	SUNDAY
28.3.2022	Applications of OOPs
29.3.2022	Object Oriented Methodology-2: Classes and Objects
30.3.2022	Abstraction and Encapsulation
31.3.2022	Inheritance, Method Overriding and Polymorphism
1.4.2022	Inheritance, Method Overriding and Polymorphism
2.4.2022	Java Language Basics: Introduction To Java, Basic Features
3.4.2022	SUNDAY
4.4.2022	Primitive Data Type And Variables
5.4.2022	Java Virtual Machine Concepts
6.4.2022	Java Operators, Expressions, Statements
7.4.2022	Arrays
8.4.2022	Object Oriented Concepts: Class and Objects-- Class Fundamentals, Creating objects
9.4.2022	Assigning object reference variables, Argument passing,
10.4.2022	SUNDAY
11.4.2022	Introducing Methods, Static methods
12.4.2022	Constructors ,Overloading constructors
13.4.2022	This Keyword; Using Objects as Parameters
14.4.2022	Returning objects , Method overloading
15.4.2022	Test
16.4.2022	Garbage Collection, The Finalize () Method
17.4.2022	SUNDAY
18.4.2022	Inheritance and Polymorphism: Inheritance Basics, Abstract Classes
19.4.2022	Multilevel Inheritance
20.4.2022	Access Control, Method Overriding
21.4.2022	Polymorphism, Final Keyword
22.4.2022	Packages : Defining Package
23.4.2022	CLASSPATH
24.4.2022	SUNDAY
25.4.2022	Package naming
26.4.2022	Accessibility of Packages
27.4.2022	Using Package Members
28.4.2022	Interfaces: Implementing Interfaces, Interface and Abstract Classes, Extends and Implements together
29.4.2022	Exceptions Handling : Exception , Handling of Exception
30.4.2022	Using try-catch
01.5.2022	SUNDAY
02.5.2022	Catching, Multiple Exceptions

03.5.2022	ID UL FITR
04.5.2022	Catching, Multiple Exceptions
05.5.2022	Revision
06.5.2022	Test
07.5.2022	Using finally clause
08.5.2022	SUNDAY
09.5.2022	Using finally clause
10.5.2022	Types of Exceptions, Throwing Exceptions, Writing Exception Subclasses.
11.5.2022	Revision
12.5.2022	Synchronization in Java
13.5.2022	Synchronization in Java
14.5.2022	Multithreading : Introduction , The Main Thread
15.5.2022	SUNDAY
16.5.2022	Multithreading : Introduction , The Main Thread
17.5.2022	Java Thread Model
18.5.2022	Java Thread Model
19.5.2022	Thread Priorities
20.5.2022	Revision class
21.5.2022	Inter thread Communication
22.5.2022	SUNDAY
23.5.2022	Inter thread Communication
24.5.2022	Test
25.5.2022	I/O in Java : I/O Basics, Streams and Stream Classes
26.5.2022	I/O in Java : I/O Basics, Streams and Stream Classes
27.5.2022	The Predefined Streams, Reading from, and Writing to, Console
28.5.2022	Doubt Class
29.5.2022	SUNDAY
30.5.2022	Doubt Class
31.5.2022	The Predefined Streams, Reading from, and Writing
01.6.2022	Revision
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Reading and Writing Files , The Transient and Volatile
04.6.2022	Reading and Writing Files , The Transient and Volatile
05.6.2022	SUNDAY
06.6.2022	Reading and Writing Files , The Transient and Volatile
07.6.2022	Modifiers , Using Instance of Native Methods
08.6.2022	Modifiers , Using Instance of Native Methods
09.6.2022	Revision Class
10.6.2022	Revision Test
11.6.2022	Strings and Characters : Fundamentals of Characters and Strings
12.6.2022	SUNDAY
13.6.2022	The String Class
14.6.2022	String Operations
15.6.2022	String Operations
16.6.2022	Data Conversion using Value Of () Methods
17.6.2022	Data Conversion using Value Of () Methods
18.6.2022	String Buffer
19.6.2022	SUNDAY
20.6.2022	String Buffer
21.6.2022	Class and Methods.
22.6.2022	Class and Methods
23.6.2022	Revision Test

24.6.2022	Revision Test
25.6.2022	Revision Test
26.6.2022	SUNDAY
27.6.2022	Discussion of Previous Year Question papers
28.6.2022	Discussion of Previous Year Question papers
29.6.2022	Discussion of Previous Year Question papers
30.6.2022	Discussion of Previous Year Question papers

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Name of the Assistant/Associate Professor: Ms. Gurpreet Kaur
Class and Section: BCA –4th Semester ,SECTION (A+B)
Subject: Data Structure-II
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Tree: Header nodes
22..3.2022	Tree: Header nodes
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Threads
25.3.2022	Revision
26.3.2022	Binary search trees
27..3.2022	SUNDAY
28.3.2022	Test
29.3.2022	Searching
30.3.2022	Revision
31.3.2022	Insertion in a Binary search tree
1.4.2022	Deletion in a Binary search tree
2.4.2022	Deletion in a Binary search tree
3.4.2022	SUNDAY
4.4.2022	Test
5.4.2022	AVL search trees
6.4.2022	AVL search trees
7.4.2022	Insertion and deletion in AVL search tree
8.4.2022	Insertion and deletion in AVL search tree
9.4.2022	m-way search tree
10.4.2022	SUNDAY
11.4.2022	m-way search tree
12.4.2022	Searching
13.4.2022	Revision
14.4.2022	Insertion and deletion in an m-way search tree
15.4.2022	Test
16.4.2022	B-trees
17.4.2022	SUNDAY
18.4.2022	B-trees
19.4.2022	Searching, Insertion in B-Tree
20.4.2022	Deletion in a B-tree
21.4.2022	Doubt Class
22.4.2022	B+ tree
23.4.2022	Huffman's algorithm
24.4.2022	SUNDAY
25.4.2022	Huffman's algorithm
26.4.2022	General trees
27.4.2022	Revision Test
28.4.2022	Graphs: Warshall's algorithm for shortest path
29.4.2022	Warshall's algorithm for shortest path
30.4.2022	Shortest Path Algorithm
01.5.2022	SUNDAY
02.5.2022	Dijkstra algorithm for shortest path
03.5.2022	ID UL FITR
04.5.2022	Revision

05.5.2022	Test
06.5.2022	Operations on graphs
07.5.2022	Operations on graphs
08.5.2022	SUNDAY
09.5.2022	Traversal of graph
10.5.2022	Doubt Class
11.5.2022	Revision Test
12.5.2022	Traversal of graph
13.5.2022	Topological sorting
14.5.2022	Sorting: Internal & external sorting
15.5.2022	SUNDAY
16.5.2022	Sorting: Internal & external sorting
17.5.2022	Test of Topological Sorting
18.5.2022	Radix sort
19.5.2022	Radix sort
20.5.2022	Revision class
21.5.2022	Quick sort
22.5.2022	SUNDAY
23.5.2022	Quick sort
24.5.2022	Test
25.5.2022	Heap sort
26.5.2022	Heap sort
27.5.2022	Merge sort
28.5.2022	Doubt Class
29.5.2022	SUNDAY
30.5.2022	Doubt Class
31.5.2022	Tournament sort
01.6.2022	Revision
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Searching: Liner search
4.6.2022	Binary search
5.6.2022	SUNDAY
6.6.2022	Merging
7.6.2022	Merging
8.6.2022	Comparison of various sorting and searching algorithms on the basis of their complexity
9.6.2022	Revision Class
10.6.2022	Revision Test
11.6.2022	Files: Physical storage devices and their characteristics
12.6.2022	SUNDAY
13.6.2022	Files: Physical storage devices and their characteristics
14.6.2022	Attributes of a file viz fields
15.6.2022	Records, Fixed and variable length records, Primary and secondary keys
16.6.2022	Records, Fixed and variable length records, Primary and secondary keys
17.6.2022	Classification of files, File operation
18.6.2022	File operations
19.6.2022	SUNDAY
20.6.2022	Comparison of various types of files
21.6.2022	File organization: Serial, Sequential ,Sequential
22.6.2022	Indexed-sequential, Random-access/Direct Inverted, Multi list file organization
23.6.2022	Inverted, Multi list file organization
24.6.2022	Hashing: Introduction, Hashing functions and Collision resolution methods
25.6.2022	Hashing: Introduction, Hashing functions and Collision resolution methods

26.6.2022	SUNDAY
27.6.2022	Revision Test
28.6.2022	Discussion of Previous Year Question papers
29.6.2022	Discussion of Previous Year Question papers
30.6.2022	Discussion of Previous Year Question papers

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Name of the Assistant/Associate Professor: Ms. POONAM
Class and Section: BCA -4th Semester, Section :A&B
Subject: WEB DESIGNING
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
1.4.2022	Introduction to Web designing
2.4.2022	Introduction to Internet and World Wide Web
3.4.2022	SUNDAY
5.4.2022	Web; Evolution and History of World Wide Web
6.4.2022	Basic features; Web Browsers
7.4.2022	Web Servers
8.4.2022	Basic features; Web Browsers; Web Servers, URLs
9.4.2022	Search Engines and Search Tools
10.4.2022	SUNDAY
11.4.2022	Searching and Web-Casting Techniques;
12.4.2022	Overview of TCP/IP
13.4.2022	TCP/IP and its services
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Introduction to HTML
16.4.2022	HTML Document Features; HTML command Tags
17.4.2022	SUNDAY
18.4.2022	Text styles; Text Structuring; Text colors and Background
19.4.2022	Formatting text; Page layouts;
20.4.2022	Revision
21.4.2022	Images; Ordered and Unordered lists
22.4.2022	Table Creation and Layouts
23.4.2022	Program using table tag
24.4.2022	SUNDAY
25.4.2022	Introduction of Forms Tags
26.4.2022	Working with Radio Buttons; Check Boxes; Text Boxes
27.4.2022	Working with Button
28.4.2022	Doubt
29.4.2022	Revision
30.4.2022	Html Frameset
01.5.2022	SUNDAY
02.5.2022	Html Frame and its attribute
03.5.2022	ID UL FITR
04.5.2022	Doubt
05.5.2022	Implementation of Frame
06.5.2022	Dynamic HTML
07.5.2022	Features of DHTML
08.5.2022	SUNDAY
09.5.2022	Test
10.5.2022	CSSP(cascading style sheet positioning)
11.5.2022	CSS syntax
12.5.2022	Programming implementation of CSS
13.5.2022	Programming implementation of CSS
14.5.2022	Doubt
15.5.2022	SUNDAY
16.5.2022	JSSS(JavaScript assisted style sheet)

17.5.2022	History of JSSS
18.5.2022	Syntax and variable Declaration of Java script
19.5.2022	Programming implementation of Java script
20.5.2022	Layers of Netscape
21.5.2022	The ID attributes,
22.5.2022	SUNDAY
23.5.2022	DHTML events
24.5.2022	DHTML events
25.5.2022	Revision of all Html tags and attribute
26.5.2022	Revision of all Html tags and attribute css
27.5.2022	Revision of all Html tags and attribute with java script
28.5.2022	Test
29.5.2022	SUNDAY
30.5.2022	Introduction of Web Publishing
31.5.2022	How to Hosting your Site
01.6.2022	Internet Service Provider
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Web terminologies
4.6.2022	Phases of Planning and designing your Web Site
5.6.2022	SUNDAY
6.6.2022	Doubt
7.6.2022	Steps for developing your Site
8.6.2022	Choosing the contents
9.6.2022	Home Page; Domain Names
10.6.2022	Home Page; Domain Names
11.6.2022	SUNDAY
12.6.2022	Front page views
13.6.2022	Adding pictures,
14.6.2022	Links
15.6.2022	Backgrounds
16.6.2022	Doubt
17.6.2022	Relating Front Page to DHTML
18.6.2022	SUNDAY
19.6.2022	Creating a Website
20.6.2022	Creating a Website
21.6.2022	Markup Languages (HTML, DHTML);
22.6.2022	Revision
23.6.2022	Revision
24.6.2022	Revision
25.6.2022	SUNDAY
26.6.2022	Revision
27.6.2022	Revision
28.6.2022	Revision
29.6.2022	Revision
30.6.2022	Revision

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Name of the Assistant/Associate Professor: Ms. Kamiya Chugh
Class And Section: M.Sc. -2nd Semester
Subject: Computer Networks
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Introduction to Computer Network
22..3.2022	Types of Networks
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Network Topologies
25.3.2022	Network Topologies
26.3.2022	OSI Model
27..3.2022	SUNDAY
28.3.2022	OSI and TCP/IP
29.3.2022	Comparison of Models.
30.3.2022	Comparison of Models.
31.3.2022	Data Communications Concepts: Digital Vs. Analog communication
1.4.2022	Parallel and Serial Communication
2.4.2022	Synchronous, Asynchronous and Isochronous Communication
3.4.2022	SUNDAY
4.4.2022	Synchronous, Asynchronous and Isochronous Communication
5.4.2022	Doubt Class
6.4.2022	Communication Switching Techniques: Circuit Switching
7.4.2022	Message Switching
8.4.2022	Packet Switching
9.4.2022	Revision of Unit 1 Part 1
10.4.2022	SUNDAY
11.4.2022	Test of Part 1
12.4.2022	Data Link Layer Fundamentals: Framing
13.4.2022	Basics of Error Detection
14.4.2022	Forward Error Correction
15.4.2022	Cyclic Redundancy Check codes for Error Detection
16.4.2022	Cyclic Redundancy Check codes for Error Detection
17.4.2022	SUNDAY
18.4.2022	Flow Control
19.4.2022	Doubt Class
20.4.2022	Media Access Protocols: ALOHA
21.4.2022	Revision Test
22.4.2022	Carrier Sense Multiple Access (CSMA)
23.4.2022	CSMA with Collision Detection (CSMA/CD)
24.4.2022	SUNDAY
25.4.2022	Token Ring, Token Bus
26.4.2022	High-Speed LAN: Standard Ethernet
27.4.2022	Fast Ethernet
28.4.2022	Gigabit Ethernet
29.4.2022	10G
30.4.2022	Wireless LANs: IEEE 802.11
01.5.2022	SUNDAY
02.5.2022	Bluetooth

03.5.2022	ID UL FITR
04.5.2022	Network Layer: IP Addressing and Routing, Format and Services
05.5.2022	Network Layer Protocols: IPv4
06.5.2022	ARP, ICMP (Error Reporting and Query message)
07.5.2022	IPv6 (Header Format and Addressing).
08.5.2022	SUNDAY
09.5.2022	Doubt Class
10.5.2022	Revision Test
11.5.2022	Transport Layer: Process-to-Process Delivery
12.5.2022	UDP
13.5.2022	TCP
14.5.2022	Connection Management by TCP
15.5.2022	SUNDAY
16.5.2022	Basics of Congestion Control
17.5.2022	Basics of Congestion Control
18.5.2022	Application Layer: Domain Name System (DNS)
19.5.2022	SMTP
20.5.2022	HTTP
21.5.2022	WWW
22.5.2022	SUNDAY
23.5.2022	Doubt Class
24.5.2022	Revision Test
25.5.2022	Network Security: Security Requirements and attacks
26.5.2022	Cryptography: Symmetric Key (DES, AES)
27.5.2022	Cryptography: Symmetric Key (DES, AES)
28.5.2022	Public Key Cryptography (RSA)
29.5.2022	SUNDAY
30.5.2022	Public Key Cryptography (RSA)
31.5.2022	Firewall
01.6.2022	Revision
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Revision of Previous Year Question Papers
4.6.2022	Revision of Previous Year Question Papers
5.6.2022	SUNDAY
6.6.2022	Revision of Previous Year Question Papers
7.6.2022	Revision of Previous Year Question Papers
8.6.2022	Revision of Previous Year Question Papers
9.6.2022	Revision of Previous Year Question Papers
10.6.2022	Revision of Previous Year Question Papers
11.6.2022	Revision of Previous Year Question Papers
12.6.2022	SUNDAY
13.6.2022	Revision of Previous Year Question Papers
14.6.2022	Revision of Previous Year Question Papers
15.6.2022	Revision of Previous Year Question Papers
16.6.2022	Revision of Previous Year Question Papers
17.6.2022	Revision of Previous Year Question Papers
18.6.2022	Revision of Previous Year Question Papers
19.6.2022	SUNDAY
20.6.2022	Revision of Previous Year Question Papers
21.6.2022	Revision of Previous Year Question Papers
22.6.2022	Revision of Previous Year Question Papers
23.6.2022	Revision of Previous Year Question Papers

24.6.2022	Revision of Previous Year Question Papers
25.6.2022	Revision of Previous Year Question Papers
26.6.2022	SUNDAY
27.6.2022	Revision of Previous Year Question Papers
28.6.2022	Revision of Previous Year Question Papers
29.6.2022	Revision of Previous Year Question Papers
30.6.2022	Revision of Previous Year Question Papers

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Name of the Assistant/Associate Professor: Ms. Kamiya Chugh, Ms. Shivani Gupta
Class and Section: BCA -6th Semester , Section- (A&B)
Subject: Artificial Intelligence
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Introduction to AI
22.3.2022	Introduction to AI
23.3.2022	SHAHEEDI DIWAS
24.3.2022	AI and its related field
25.3.2022	AI and its related field
26.3.2022	AI techniques
27.3.2022	SUNDAY
28.3.2022	Problems, problem space and search
29.3.2022	Defining the problem as a state space search
30.3.2022	Production system and its characteristics
31.3.2022	Production system and its characteristics
1.4.2022	Issues in the design of the search problem
2.4.2022	Issues in the design of the search problem
3.4.2022	SUNDAY
4.4.2022	Heuristic search techniques
5.4.2022	Heuristic search techniques
6.4.2022	Generate and test
7.4.2022	Generate and test
8.4.2022	Hill climbing
9.4.2022	Hill climbing
10.4.2022	SUNDAY
15.4.2022	Constraint satisfaction
16.4.2022	Constraint satisfaction
17.4.2022	SUNDAY
18.4.2022	Means End Analysis
19.4.2022	Revision of Informed Search Techniques
20.4.2022	Definition and importance of knowledge
21.4.2022	Knowledge representation
22.4.2022	Various approaches used in knowledge representation
23.4.2022	Issues in knowledge representation
24.4.2022	SUNDAY
25.4.2022	Issues in knowledge representation
26.4.2022	Using Predicate Logic
27.4.2022	Representing Simple Facts in logic
28.4.2022	Representing Simple Facts in logic
29.4.2022	Representing instances and is_a relationship
30.4.2022	Representing instances and is_a relationship
01.5.2022	SUNDAY
02.5.2022	Test of unit – 1
03.5.2022	ID UL FITR
04.5.2022	Computable function and predicate
05.5.2022	Computable function and predicate
06.5.2022	Introduction to Natural Language Processing
07.5.2022	Characteristics of Natural Language Processing
08.5.2022	SUNDAY

09.5.2022	Semantic processing
10.5.2022	Semantic processing contd..
11.5.2022	Discourse and pragmatic processing.
12.5.2022	Discourse and pragmatic processing.
13.5.2022	Syntactic Processing
14.5.2022	Syntactic Processing
15.5.2022	SUNDAY
16.5.2022	Introduction learning
17.5.2022	Rote Learning
18.5.2022	Rote Learning
19.5.2022	Learning by taking advice
20.5.2022	Learning in problem solving
21.5.2022	Learning in problem solving
22.5.2022	SUNDAY
23.5.2022	Learning from example-induction
24.5.2022	Learning from example-induction
25.5.2022	Explanation based learning
26.5.2022	Explanation based learning
27.5.2022	Revision of Unit 2
28.5.2022	Test of Unit 2
29.5.2022	SUNDAY
30.5.2022	Introduction to Expert System
31.5.2022	Expert System Features
01.6.2022	Representing using domain specific knowledge
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Representing using domain specific knowledge
4.6.2022	Representing using domain specific knowledge
5.6.2022	SUNDAY
6.6.2022	Expert system shells
7.6.2022	Expert system shells
8.6.2022	Revision of Unit – 1
10.6.2022	Revision of Unit – 3
11.6.2022	Test of unit 1 & 2
12.6.2022	SUNDAY
13.6.2022	Test of unit 2
14.6.2022	Test of unit 3
15.6.2022	Revision
16.6.2022	Revision
17.6.2022	Revision
18.6.2022	Revision
19.6.2022	SUNDAY
20.6.2022	Test of unit 4
21.6.2022	Revision
22.6.2022	Revision
23.6.2022	Revision
24.6.2022	Revision
25.6.2022	Revision
26.6.2022	SUNDAY
27.6.2022	Revision
28.6.2022	Revision
29.6.2022	Revision
30.6.2022	Revision

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Name of the Assistant/Associate Professor: Ms. Kamiya Chugh
Class and Section: BCA -2nd Semester , Section- (A+B)
Subject: C Programming
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	History of C, Importance of C
22..3.2022	C character set, identifiers and keywords
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Data types, Constants and Variables
25.3.2022	Assignment statement, Symbolic constant
26.3.2022	Structure of a C Program, printf(), scanf() Functions
27..3.2022	SUNDAY
28.3.2022	Introduction to Operators & Expression
29.3.2022	Arithmetic, relational, logical
30.3.2022	Bitwise, unary, assignment
31.3.2022	Programs related to operators
1.4.2022	Shorthand assignment operators
2.4.2022	Conditional operators
3.4.2022	SUNDAY
4.4.2022	Arithmetic expressions, evaluation of arithmetic expression
5.4.2022	Type casting and conversion, operator hierarchy & associativity
6.4.2022	Revision of Operators ,Variables and constant
7.4.2022	Revision of Full Unit-1
8.4.2022	Test Of Unit-1
9.4.2022	Introduction to Decision making & branching
10.4.2022	SUNDAY
11.4.2022	Decision making with IF statement
12.4.2022	IF-ELSE statement
13.4.2022	Programs on If else Statement
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Nested IF statement
16.4.2022	Programs on IF Statement
17.4.2022	SUNDAY
18.4.2022	ELSE-IF ladder Statement
19.4.2022	Switch statement
20.4.2022	Programs on switch statement
21.4.2022	Break statement, continue statement and goto statement
22.4.2022	Introduction to Decision making & looping
23.4.2022	For Loop
24.4.2022	SUNDAY
25.4.2022	while, and do-while loop
26.4.2022	Practice on loops
27.4.2022	Nested loops.
28.4.2022	Revision of If else statement
29.4.2022	Revision of For loop
30.4.2022	Revision of While and Do while Loop
01.5.2022	SUNDAY
02.5.2022	Test of Unit-2
03.5.2022	ID UL FITR
04.5.2022	Introduction to User defined functions

05.5.2022	Prototype, Local and global variables
06.5.2022	Passing parameters(Call by Value & Call by reference)
07.5.2022	Standard Mathematical functions
08.5.2022	SUNDAY
09.5.2022	Practice of Passing parameters(Call by Value & Call by reference)
10.5.2022	Introduction to Unformatted & formatted I/O function in C
11.5.2022	Introduction to Unformatted & formatted I/O function in C
12.5.2022	Input functions viz. getch(), getche()
13.5.2022	getchar(), gets()
14.5.2022	Output functions viz., putchar(), puts()
15.5.2022	SUNDAY
16.5.2022	Revision of User defined Function
17.5.2022	Revision of Unformatted & formatted I/O function in C
18.5.2022	Standard Mathematical functions
19.5.2022	String manipulation functions (Continue...)
20.5.2022	Recursion
21.5.2022	Test of Unit-2
22.5.2022	SUNDAY
23.5.2022	Introduction to Array
24.5.2022	Definition, types, initialization of Array
25.5.2022	Processing an array
26.5.2022	Passing arrays to functions
27.5.2022	Passing arrays to functions(Continue...)
28.5.2022	Array of Strings
29.5.2022	SUNDAY
30.5.2022	String constant
31.5.2022	String variables
01.6.2022	String variables
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Declaration and initialization of string
4.6.2022	Input/output of string data
5.6.2022	SUNDAY
6.6.2022	Input/output of string data(continue...)
7.6.2022	Introduction to pointers
8.6.2022	Pointer Declaration
9.6.2022	Operators of Pointers
10.6.2022	Operators of Pointers
11.6.2022	Multidimensional Array
12.6.2022	SUNDAY
13.6.2022	Multidimensional Array(continue...)
14.6.2022	Introduction to Storage classes in C
15.6.2022	Auto, Extern storage class
16.6.2022	Register and Static Storage class
17.6.2022	Register and Static Storage class
18.6.2022	Scope, storage, & lifetime
19.6.2022	SUNDAY
20.6.2022	Algorithm development
21.6.2022	Revision of Algorithm development
22.6.2022	Revision of Storage classes in C
23.6.2022	Flowcharting
24.6.2022	Revision of Flowcharting
25.6.2022	Revision of Pointers

26.6.2022	SUNDAY
27.6.2022	Development of efficient program in C
28.6.2022	Test of Unit-2
29.6.2022	Test of Unit-3
30.6.2022	Test of Unit-4

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Name of the Assistant/Associate Professor: Ms. Shivani Gupta
Class and Section: BCA -2nd Semester, Section: (A+B)
Subject: MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE(MFCS)
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Introduction to Syllabus
22..3.2022	Basic Statistics
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Measure of Central Tendency
25.3.2022	Measure of Central Tendency
26.3.2022	Preparing frequency distribution table
27..3.2022	SUNDAY
28.3.2022	Preparing frequency distribution table
29.3.2022	Mean
30.3.2022	Mean
31.3.2022	Mode
1.4.2022	Mode
2.4.2022	Mode
3.4.2022	SUNDAY
4.4.2022	Median
5.4.2022	Median
6.4.2022	Measure of Dispersion
7.4.2022	Measure of Dispersion
8.4.2022	Range
9.4.2022	Range
10.4.2022	SUNDAY
11.4.2022	Variance and Standard Deviations
12.4.2022	Variance and Standard Deviations
13.4.2022	Correlation
14.4.2022	Correlation
15.4.2022	Regression
16.4.2022	Regression
17.4.2022	SUNDAY
18.4.2022	Class test of Unit 1
19.4.2022	Algorithms
20.4.2022	merits and demerits
21.4.2022	Exponentiation
22.4.2022	Exponentiation
23.4.2022	Linear Search
24.4.2022	SUNDAY
25.4.2022	Binary Search
26.4.2022	Binary Search
27.4.2022	"Big Oh" notation
28.4.2022	"Big Oh" notation
29.4.2022	Worst case
30.4.2022	Advantage of logarithmic algorithms over linear algorithms
01.5.2022	SUNDAY
02.5.2022	complexity
03.5.2022	ID UL FITR

04.5.2022	Graph Theory
05.5.2022	Graphs
06.5.2022	Types of graphs
07.5.2022	Types of graphs
08.5.2022	SUNDAY
09.5.2022	degree of vertex
10.5.2022	sub graph
11.5.2022	isomorphic and homeomorphic graphs
12.5.2022	isomorphic and homeomorphic graphs
13.5.2022	Adjacent and incidence matrices,
14.5.2022	Adjacent and incidence matrices,
15.5.2022	SUNDAY
16.5.2022	Path Circuit
17.5.2022	Eulerian,
18.5.2022	Hamiltonian path circuit
19.5.2022	Doubt Class
20.5.2022	Trees
21.5.2022	Minimum distance trees
22.5.2022	SUNDAY
23.5.2022	Minimum weight
24.5.2022	Minimum distance spanning trees.
25.5.2022	Minimum distance spanning trees.
26.5.2022	Recursion
27.5.2022	Recursively defined function
28.5.2022	Merge sort
29.5.2022	SUNDAY
30.5.2022	Insertion sort
31.5.2022	Bubble sort
01.6.2022	Decimal to Binary
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Doubt Class
4.6.2022	Class Test of Unit 3
5.6.2022	SUNDAY
6.6.2022	Recurrence Relations
7.6.2022	LHRR
8.6.2022	LHRRWCCs
9.6.2022	DCRR
10.6.2022	Recursive procedures
11.6.2022	Number Theory
12.6.2022	SUNDAY
13.6.2022	Number Theory
14.6.2022	Principle of Mathematical induction
15.6.2022	GCD
16.6.2022	Euclidean algorithm
17.6.2022	Fibonacci numbers
18.6.2022	congruence's and equivalence relations
19.6.2022	SUNDAY
20.6.2022	congruence's
21.6.2022	congruence's
22.6.2022	equivalence relations
23.6.2022	equivalence relations
24.6.2022	Class Test of Unit 4

25.6.2022	Revision of Previous Year Question Paper
26.6.2022	SUNDAY
27.6.2022	Revision of Previous Year Question Paper
28.6.2022	Revision of Previous Year Question Paper
29.6.2022	Revision
30.6.2022	Revision



Name of the Assistant/Associate Professor: Ms. Shivani Gupta

Class and Section: BCA -4th Semester, Section – B

Subject: Object Oriented Programming Using C++

Mode of Teaching: Offline

Lectures Per Week:6

Date	Topic To Be Covered
21.3.2022	Introduction to Oops
22..3.2022	Object Oriented Programming Concepts
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Procedural Language and Object Oriented approach
25.3.2022	Procedural Language and Object Oriented approach
26.3.2022	Procedural Language and Object Oriented approach
27..3.2022	SUNDAY
28.3.2022	Characteristics of OOP, user defined types
29.3.2022	Characteristics of OOP, user defined types
30.3.2022	polymorphism and encapsulation
31.3.2022	polymorphism and encapsulation
1.4.2022	Getting started with C++ syntax
2.4.2022	Getting started with C++ syntax
3.4.2022	SUNDAY
4.4.2022	data types, variables, string, function, namespace and exception
5.4.2022	data types, variables, string, function, namespace and exception
6.4.2022	data types, variables, string, function, namespace and exception
7.4.2022	operators, flow control, recursion, array and pointer, structure
8.4.2022	operators, flow control, recursion, array and pointer, structure
9.4.2022	operators, flow control, recursion, array and pointer, structure
10.4.2022	SUNDAY
11.4.2022	Test
12.4.2022	Abstracting Mechanism
13.4.2022	Abstracting Mechanism
14.4.2022	classes, private and public
15.4.2022	classes, private and public
16.4.2022	Revision
17.4.2022	SUNDAY
18.4.2022	Constructor and Destructor
19.4.2022	Constructor and Destructor
20.4.2022	member function, static members, references
21.4.2022	member function, static members, references
22.4.2022	Revision
23.4.2022	new, delete operator
24.4.2022	SUNDAY
25.4.2022	new, delete operator
26.4.2022	object copying
27.4.2022	copy constructor
28.4.2022	assignment operator
29.4.2022	this input/output
30.4.2022	assignment operator
01.5.2022	SUNDAY
02.5.2022	Test of unit – 2

03.5.2022	ID UL FITR
04.5.2022	this input/output
05.5.2022	this input/output
06.5.2022	this input/output
07.5.2022	Oral test
08.5.2022	SUNDAY
09.5.2022	Revision
10.5.2022	Revision
11.5.2022	Assignment
12.5.2022	Inheritance and Polymorphism
13.5.2022	Inheritance and Polymorphism
14.5.2022	Inheritance and Polymorphism
15.5.2022	SUNDAY
16.5.2022	Derived Class and Base Class
17.5.2022	Derived Class and Base Class
18.5.2022	Derived Class and Base Class
19.5.2022	Derived Class and Base Class
20.5.2022	Derived Class and Base Class
21.5.2022	Different types of Inheritance
22.5.2022	SUNDAY
23.5.2022	Different types of Inheritance
24.5.2022	Different types of Inheritance
25.5.2022	Different types of Inheritance
26.5.2022	Different types of Inheritance
27.5.2022	Revision
28.5.2022	Oral Test
29.5.2022	SUNDAY
30.5.2022	Overriding member function
31.5.2022	Overriding member function
01.6.2022	Overriding member function
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Abstract Class
4.6.2022	Abstract Class
5.6.2022	SUNDAY
6.6.2022	Public and Private Inheritance
7.6.2022	Public and Private Inheritance.
8.6.2022	Ambiguity in Multiple inheritance
9.6.2022	Public and Private Inheritance
10.6.2022	Ambiguity in Multiple inheritance
11.6.2022	Virtual function, Friend function, Static function.
12.6.2022	SUNDAY
13.6.2022	Virtual function, Friend function, Static function.
14.6.2022	Virtual function, Friend function, Static function.
15.6.2022	Virtual function, Friend function, Static function.
16.6.2022	Exception Handling
17.6.2022	Exception and derived class
18.6.2022	template functions
19.6.2022	SUNDAY
20.6.2022	function exception declaration, unexpected exception
21.6.2022	function exception declaration, unexpected exception
22.6.2022	exception when handling exception,
23.6.2022	resource capture and release

24.6.2022	Template and Standard Template Library
25.6.2022	iterators, hashes, iostreams and other types
26.6.2022	SUNDAY
27.6.2022	Template classes, declaration
28.6.2022	namespace, string
29.6.2022	Revision
30.6.2022	Revision

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Name of the Assistant/Associate Professor: Ms. Ekta Soni
Class and Section: BCA-6th Semester , Section- (A,B)
Subject: E-Commerce
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Overview of Electronic Commerce
22..3.2022	Scope of Electronic Commerce
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Traditional Commerce vs. Electronic Commerce
25.3.2022	Impact of E-Commerce
26.3.2022	Electronic Markets Internet Commerce
27..3.2022	SUNDAY
28.3.2022	e-commerce in perspective
29.3.2022	Application of E Commerce in Direct Marketing and Selling
30.3.2022	Application of E Commerce in Direct Marketing and Selling
31.3.2022	Obstacles in adopting E-Commerce Applications
1.4.2022	Obstacles in adopting E-Commerce Applications
2.4.2022	Future of ECommerce
3.4.2022	SUNDAY
4.4.2022	Future of ECommerce
5.4.2022	Value Chains in electronic Commerce
6.4.2022	Value Chains in electronic Commerce
7.4.2022	Supply chain
8.4.2022	Porter's value chain Model
9.4.2022	Inter Organizational value chains
10.4.2022	SUNDAY
11.4.2022	Strategic Business unit chains
12.4.2022	Industry value chains
13.4.2022	Security Overview
14.4.2022	Computer Security Classification
15.4.2022	Computer Security Classification
16.4.2022	Copyright and Intellectual Property
17.4.2022	SUNDAY
18.4.2022	Security Policy and Integrated Security
19.4.2022	Intellectual Property Threats
20.4.2022	Intellectual Property Threats
21.4.2022	Electronic Commerce Threats
22.4.2022	Clients Threats
23.4.2022	Clients Threats
24.4.2022	SUNDAY
25.4.2022	Communication Channel Threats
26.4.2022	Communication Channel Threats
27.4.2022	Server Threats
28.4.2022	Server Threats
29.4.2022	Protecting E-Commerce Assets
30.4.2022	Protecting Intellectual Property
01.5.2022	SUNDAY
02.5.2022	Protecting Client Computers
03.5.2022	ID UL FITR
04.5.2022	Protecting Client Computers

05.5.2022	Protecting E-commerce Channels
06.5.2022	Protecting E-commerce Channels
07.5.2022	Insuring Transaction Integrity
08.5.2022	SUNDAY
09.5.2022	Insuring Transaction Integrity
10.5.2022	Protecting the Commerce Server
11.5.2022	Protecting the Commerce Server
12.5.2022	Electronic Cash
13.5.2022	Electronic Wallets
14.5.2022	Smart Card
15.5.2022	SUNDAY
16.5.2022	Credit and Change Card
17.5.2022	Credit and Change Card
18.5.2022	Business to Business E-Commerce
19.5.2022	Inter-organizational Transitions
20.5.2022	Inter-organizational Transitions
21.5.2022	Credit Transaction Trade Cycle
22.5.2022	SUNDAY
23.5.2022	Credit Transaction Trade Cycle
24.5.2022	A variety of transactions
25.5.2022	A variety of transactions
26.5.2022	Electronic Data Interchange (EDI)
27.5.2022	Introduction to EDI
28.5.2022	Benefits of EDI
29.5.2022	SUNDAY
30.5.2022	Benefits of EDI
31.5.2022	EDI Technology
01.6.2022	EDI standards
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	EDI standards
4.6.2022	EDI Communication
5.6.2022	
6.6.2022	EDI Communication
7.6.2022	EDI Implementation
8.6.2022	EDI Implementation
9.6.2022	EDI agreement
10.6.2022	EDI agreement
11.6.2022	EDI security
12.6.2022	SUNDAY
13.6.2022	EDI security
14.6.2022	EDI security
15.6.2022	Unit –I Revision
16.6.2022	Unit –I Revision
17.6.2022	Revision Test
18.6.2022	Unit –II Revision
19.6.2022	SUNDAY
20.6.2022	Unit –II Revision
21.6.2022	Revision Test
22.6.2022	Revision
23.6.2022	Revision
24.6.2022	Unit –III Revision
25.6.2022	Unit –III Revision

26.6.2022	SUNDAY
27.6.2022	Revision Test
28.6.2022	Unit IV Revision
29.6.2022	Unit IV Revision
30.6.2022	Revision Test

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Name of the Assistant/Associate Professor: Ms. Ekta Soni
Class and Section: BCA -2nd Semester , Section:(A+B)
Subject: Structured System Analysis And Design
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
21.3.2022	Introduction to system
22..3.2022	Definition and characteristics of a system
23.3.2022	SHAHEEDI DIWAS
24.3.2022	Elements of system, Types of system
25.3.2022	Types of system
26.3.2022	System development life cycle
27..3.2022	SUNDAY
28.3.2022	Role of system analyst
29.3.2022	Role of system analyst
30.3.2022	Analyst/user interface
31.3.2022	System planning and initial investigation: Introduction
1.4.2022	Bases for planning in system analysis
2.4.2022	Sources of project requests
3.4.2022	SUNDAY
4.4.2022	Initial investigation, Fact finding
5.4.2022	Information gathering, information gathering tools
6.4.2022	Fact analysis
7.4.2022	Determination of feasibility.
8.4.2022	Structured analysis
9.4.2022	Tools of structured analysis: DFD
10.4.2022	SUNDAY
11.4.2022	Data dictionary, Flow charts
12.4.2022	Gantt charts, decision tree
13.4.2022	decision table
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	structured English, Pros and cons of each tool,
16.4.2022	Feasibility study: Introduction
17.4.2022	SUNDAY
18.4.2022	Objective, Types
19.4.2022	Steps in feasibility analysis, Feasibility report
20.4.2022	Oral presentation
21.4.2022	Cost and benefit analysis
22.4.2022	Identification of costs and benefits
23.4.2022	classification of costs and benefits
24.4.2022	SUNDAY
25.4.2022	Methods of determining costs and benefits
26.4.2022	Interpret results of analysis and take final action.
27.4.2022	Interpret results of analysis and take final action.
28.4.2022	System Design: System design objective,
29.4.2022	Revision
30.4.2022	Test
01.5.2022	SUNDAY
02.5.2022	Logical and physical design
03.5.2022	ID UL FITR
04.5.2022	Design Methodologies

05.5.2022	Structured design
06.5.2022	Form-Driven methodology(IPO charts)
07.5.2022	Structured walkthrough
08.5.2022	SUNDAY
09.5.2022	Input/Output and form design
10.5.2022	Input/Output and form design
11.5.2022	Input design, Objectives of input design
12.5.2022	Output design
13.5.2022	Objectives of output design
14.5.2022	Form design
15.5.2022	SUNDAY
16.5.2022	Classification of forms
17.5.2022	Classification of forms
18.5.2022	Classification of forms
19.5.2022	requirements of form design
20.5.2022	Types of forms
21.5.2022	Layout considerations
22.5.2022	SUNDAY
23.5.2022	Form control.
24.5.2022	Form control
25.5.2022	Form control
26.5.2022	Revision
27.5.2022	Revision
28.5.2022	Test
29.5.2022	SUNDAY
30.5.2022	Revision
31.5.2022	Revision
01.6.2022	System testing: Introduction
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Objectives of testing
4.6.2022	Objectives of testing
5.6.2022	SUNDAY
6.6.2022	Test plan
7.6.2022	testing techniques/Types of system tests
8.6.2022	testing techniques/Types of system tests
9.6.2022	Quality assurance goals in system life cycle
10.6.2022	Quality assurance goals in system life cycle
11.6.2022	System implementation
12.6.2022	SUNDAY
13.6.2022	System implementation
14.6.2022	Process of implementation
15.6.2022	Process of implementation
16.6.2022	System evaluation
17.6.2022	System maintenance and its types
18.6.2022	System maintenance and its types
19.6.2022	SUNDAY
20.6.2022	System documentation
21.6.2022	System documentation
22.6.2022	Forms of documentation
23.6.2022	Forms of documentation
24.6.2022	Forms of documentation
25.6.2022	Revision

26.6.2022	SUNDAY
27.6.2022	Revision
28.6.2022	Test
29.6.2022	Test
30.6.2022	Revision



Name of the Assistant/Associate Professor: Ms. Kritika Vaid

Class and Section: BCA 4th Semester , Section- A and B

Subject: Software Engineering

Mode of Teaching: Offline

Lectures Per Week: 6

Date	Topic To Be Covered
5.4.2022	Introduction to Software Crisis
6.4.2022	Introduction to Software Processes & Characteristics
7.4.2022	Introduction to Software life cycle models
8.4.2022	Waterfall Model
9.4.2022	Prototype Model, Evolutionary Model
10.4.2022	SUNDAY
11.4.2022	Spiral Model.
12.4.2022	Introduction to Software Requirements Analysis & Specifications
13.4.2022	Requirement engineering
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	Requirement elicitation techniques like FAST, QFD
16.4.2022	Requirements analysis using DFD
17.4.2022	SUNDAY
18.4.2022	Data dictionaries
19.4.2022	ER Diagrams
20.4.2022	Requirements documentation
21.4.2022	Nature of SRS, Characteristics & Organization of SRS
22.4.2022	Revision of Unit-1
23.4.2022	Test of Unit-1
24.4.2022	SUNDAY
25.4.2022	Introduction to Software Project Management Concept
26.4.2022	The Management spectrum
27.4.2022	The People The Problem
28.4.2022	The Process
29.4.2022	The Project
30.4.2022	Introduction to Software Project Planning
01.5.2022	SUNDAY
02.5.2022	Size Estimation
03.5.2022	ID UL FITR
04.5.2022	Lines of Code
05.5.2022	Function Count
06.5.2022	Cost Estimation Models
07.5.2022	COCOMO model
08.5.2022	SUNDAY
09.5.2022	Risk Management
10.5.2022	Risk Management
11.5.2022	Revision of Unit-2
12.5.2022	Test of Unit-2
13.5.2022	Introduction to Software Design
14.5.2022	Cohesion
15.5.2022	SUNDAY
16.5.2022	Classification of Cohesiveness

17.5.2022	Coupling
18.5.2022	Classification of Coupling
19.5.2022	Function Oriented Design
20.5.2022	Object Oriented Design
21.5.2022	Software Metrics
22.5.2022	SUNDAY
23.5.2022	Software measurements
24.5.2022	Token Count
25.5.2022	Halstead Software Science Measures
26.5.2022	Design Metrics
27.5.2022	Data Structure Metrics
28.5.2022	Introduction to Software Implementation
29.5.2022	SUNDAY
30.5.2022	Relationship between design and implementation
31.5.2022	Implementation issues and programming support environment
01.6.2022	Coding the procedural design
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Good coding style
4.6.2022	Revision of Unit-3
5.6.2022	SUNDAY
6.6.2022	Test of Unit-3
7.6.2022	Introduction to Software Testing
8.6.2022	Testing Process
9.6.2022	Design of Test Cases
10.6.2022	Types of Testing: Functional Testing, Structural Testing
11.6.2022	Test Activities
12.6.2022	SUNDAY
13.6.2022	Unit Testing, Integration Testing, System Testing
14.6.2022	Debugging Activities.
15.6.2022	Introduction to Software Maintenance
16.6.2022	Management of Maintenance
17.6.2022	Maintenance Process
18.6.2022	Reverse Engineering
19.6.2022	SUNDAY
20.6.2022	Software Re-engineering
21.6.2022	Configuration Management
22.6.2022	Documentation
23.6.2022	Revision of unit-4
24.6.2022	Test of Unit-4
25.6.2022	Discussion of Previous Question Papers
26.6.2022	SUNDAY
27.6.2022	Revision of Unit-1
28.6.2022	Revision of Unit-2
29.6.2022	Revision of Unit-3
30.6.2022	Revision of Unit-4

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Name of the Assistant/Associate Professor: Ms. Kritika Vaid
Class and Section: BCA-2nd Semester , Section- A & B
Subject: Logical Organization of Computer-II
Mode of Teaching: Offline
Lectures Per Week: 6

Date	Topic To Be Covered
5.4.2022	Introduction to syllabus
6.4.2022	Sequential Logic
7.4.2022	Sequential Logic: Characteristics
8.4.2022	Flip-Flops
9.4.2022	Latch
10.4.2022	SUNDAY
11.4.2022	Characteristics of Flip Flop
12.4.2022	Clocked RS flip flop
13.4.2022	Clocked RS flip flop
14.4.2022	DR B.R AMBEDKAR JAYANTI
15.4.2022	JK flip flop
16.4.2022	JK flip flop
17.4.2022	SUNDAY
18.4.2022	Race Around condition
19.4.2022	Master Slave flip flop
20.4.2022	Master Slave flip flop
21.4.2022	D - type Flip Flop
22.4.2022	T – type Flip Flop
23.4.2022	State Table
24.4.2022	SUNDAY
25.4.2022	State Table
26.4.2022	State Diagram
27.4.2022	State Equation
28.4.2022	Flip-flop excitation tables
29.4.2022	Flip-flop excitation tables
30.4.2022	Test of Unit -1
01.5.2022	SUNDAY
02.5.2022	Sequential Circuits
03.5.2022	ID UL FITR
04.5.2022	Sequential Circuits Characteristics
05.5.2022	Registers and types of registers
06.5.2022	Serial in Serial out (SISO)
07.5.2022	Serial in Serial out (SISO)
08.5.2022	SUNDAY
09.5.2022	Serial in Parallel out (SIPO)
10.5.2022	Parallel in Serial out (PISO)
11.5.2022	Parallel in Parallel out (PIPO)
12.5.2022	Shift Registers and its types
13.5.2022	Designing Counters
14.5.2022	Asynchronous Binary Counters/ Ripple Counters
15.5.2022	SUNDAY
16.5.2022	Asynchronous Binary Counters/ Ripple Counters
17.5.2022	Mod – 5 Counters
18.5.2022	Synchronous Counters
19.5.2022	Mod- 5 Synchronous Counter

20.5.2022	Mod- 10 Synchronous Counter
21.5.2022	Up – Down Synchronous Counter
22.5.2022	SUNDAY
23.5.2022	Up – Down Synchronous Counter
24.5.2022	Test of Unit 2
25.5.2022	Memory and its characteristics
26.5.2022	Memory hierarchy
27.5.2022	Semiconductor RAM
28.5.2022	ROM
29.5.2022	SUNDAY
30.5.2022	Magnetic Storage Device
31.5.2022	Optical Storage Device
01.6.2022	Flash Memory, Cache Memory
02.6.2022	MAHARANA PRATAP JAYANTI
03.6.2022	Input/ Output Devices
4.6.2022	Input /Output Devices
5.6.2022	SUNDAY
6.6.2022	Input Output Controllers
7.6.2022	Test of Unit 3
8.6.2022	Machine Instruction
9.6.2022	Instruction Set Selection
10.6.2022	Instruction Set Selection
11.6.2022	Instruction Cycle
12.6.2022	SUNDAY
13.6.2022	Instruction Cycle
14.6.2022	Instruction Format
15.6.2022	Addressing Modes
16.6.2022	Addressing Modes
17.6.2022	I/O Organization
18.6.2022	I/O Interface
19.6.2022	SUNDAY
20.6.2022	I/O Interface
21.6.2022	Interrupt Structure
22.6.2022	Programmed Controlled
23.6.2022	Interrupt Controlled
24.6.2022	DMA Transfer Technique
25.6.2022	I/O Channels
26.6.2022	SUNDAY
27.6.2022	IOP
28.6.2022	Test of Unit 4
29.6.2022	Discussion of previous year papers
30.6.2022	Discussion of previous year papers