

Lesson Plan 2025-26(As per NEP 2020)

Name of the Assistant Professor: Ravi

Class: B.Sc (Computer Science) 1ST Sem.

Subject: Problem

Solving Through C

Week		Topics
1	Day 1	Basic Concepts of Programming, Algorithm & Flowchart
	Day 2	Structured Programming Concepts
	Day 3	Top Down & Bottom Up Approach
2	Day 1	Searching & Sorting
	Day 2	Test
	Day 3	Basics of C Language
3	Day 1	Data Types & Operators
	Day 2	Keywords & Variables
	Day 3	Input/ Output Statements
4	Day 1	Type Conversion & Type Casting
	Day 2	Doubt Class
	Day 3	Test
5	Day 1	Basics of Decision Statements
	Day 2	if and if else statements
	Day 3	Nested if else statement
6	Day 1	If else ladder
	Day 2	Switch statement
	Day 3	Go to and break statement
7	Day 1	Format Specifiers
	Day 2	For loop
	Day 3	While loop

8	Day 1	Do while loop
	Day 2	Exit and continue statement
	Day 3	Doubt Class
9	Day 1	Test
	Day 2	Function Basics
	Day 3	Call by Value and Call by Reference
10	Day 1	Function Signature
	Day 2	Recursion
	Day 3	Basics of Array
11	Day 1	One Dimensional and Two Dimensional Array
	Day 2	Array as Matrix
	Day 3	Strings
12	Day 1	Various functions on strings
	Day 2	Structure and Union
	Day 3	Various Input and Output Functions
13	Day 1	Basics of File Handling
	Day 2	Reading from File
	Day 3	Writing from file
14	Day 1	Standard Input / Output Text File
	Day 2	Header Files
	Day 3	Basics of C Graphics
15	Day 1	Revision and doubt Class
	Day 2	Revision and doubt Class
	Day 3	Revision and doubt Class

Lesson Plan 2025-26(As Per NEP 2020)

Name of the Assistant Professor: Ravi

Class: B.Sc (Computer Science) 3rd Sem.

Subject: Data Structure and Algorithm

Week		Topics
1	Day 1	Basic Concepts of Data Structures
	Day 2	Data Structure Operations
	Day 3	Application of Data Structure
2	Day 1	Types of Data Structures
	Day 2	Test
	Day 3	Algorithm Concepts
3	Day 1	String concepts
	Day 2	Pattern Matching Algorithm
	Day 3	Arrays
4	Day 1	Types of Array
	Day 2	Doubt Class
	Day 3	Test
5	Day 1	Linked List
	Day 2	Operations on Linked List
	Day 3	Circular Linked List
6	Day 1	Two Way Linked List
	Day 2	Application of linked list
	Day 3	Stacks
7	Day 1	Operations on Stack
	Day 2	Application of Stacks
	Day 3	Reverse Polish Notation
8	Day 1	Recursion
	Day 2	Basic concepts of Queues

	Day 3	Doubt Class
9	Day 1	Test
	Day 2	Array Representation of Stack
	Day 3	Linked representation of stack
10	Day 1	Operations on Queues
	Day 2	Dequeues
	Day 3	Priority Queues
11	Day 1	Application of queues
	Day 2	Trees Basics
	Day 3	Traversing Binary trees
12	Day 1	Various types of Binary Trees
	Day 2	Graph Basics
	Day 3	Graph Theory Terminology
13	Day 1	Sequential Representation of Graph
	Day 2	Linked Representation of Graph
	Day 3	Types of Searching
14	Day 1	Types of Sorting
	Day 2	Introduction to Files
	Day 3	Storage Devices
15	Day 1	Revision and doubt Class
	Day 2	Revision and doubt Class
	Day 3	Revision and doubt Class

Lesson Plan 2025-26 (According to Old Scheme)

Name of the Assistant Professor: Ravi

Class: B.Sc (Computer Science) 5th Sem.

Subject: IWT

Week		Topics
1	Day 1	Introduction to internet
	Day 2	Benefits of internet and www
	Day 3	Ways to connect internet at home
2	Day 1	Internet protocols
	Day 2	Test
	Day 3	Application of internet
3	Day 1	Resources of internet
	Day 2	E-Mail Mailing list
	Day 3	Internet Addressing
4	Day 1	ISP and Internet in India
	Day 2	Doubt Class
	Day 3	Test
5	Day 1	Internet Terminology
	Day 2	Intranet and applications of internet
	Day 3	HTTP and SHTTP
6	Day 1	Searching Engines
	Day 2	Net surfing basics
	Day 3	Network security issues
7	Day 1	Security threat and attacks
	Day 2	Encryption and decryption
	Day 3	Firewalls
8	Day 1	Digital signature and security certificates
	Day 2	Basic structure of HTML

	Day 3	Heading Tags and text styles
9	Day 1	Test
	Day 2	Background color and text color in HTML
	Day 3	Hyperlinking
10	Day 1	Adding images to HTML document
	Day 2	List Basics
	Day 3	Unordered list
11	Day 1	Ordered list
	Day 2	Definition list
	Day 3	Tables
12	Day 1	Different attributes of tables
	Day 2	Frameset and frame tag
	Day 3	Creating forms in HTML
13	Day 1	Form fields
	Day 2	Features of CSS
	Day 3	Creating style sheet and CSS comments
14	Day 1	Types of selector
	Day 2	Style sheet types
	Day 3	Advantages and Disadvantages of CSS
15	Day 1	Revision and doubt Class
	Day 2	Revision and doubt Class
	Day 3	Revision and doubt Class