VENDORS NAME: 3 Edge Pvt Ltd

CLASS: II ECE (3rd & 4th SEM) **SUBJECT: C LANGUAGE TRAINING**

S.no	Topics to be Covered
1	Introduction Real Time Applications of C
2	C Tokens
3	Storage Classes Input and Output Statements
4	Control Statements - Conditionals
5	Control Statements - Loops
6	Functions
7	Arrays
8	Introduction to Data Structure
9	Sorting
10	Searching
11	**Online Assessment**
12	Pointers - Introduction Pointers as Function Arguments Pointers and Arrays
13	Character Arrays and Pointers
14	Dynamic Memory Allocation
15	Stack and Queue implementation
16	List - Linked List
17	**Programming Assessment** **User Defined Datatypes**
18	Abstract Data Type
19	String Handling
20	String Handling
21	File Handing
22	File Handing
23	GUI Basics
24	**Online and Programming Assessment**

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CLASS: III EEE(6th SEM) **SUBJECT: JAVA**

S.No	Topics
1	Pre Test , Basic of C and Variables
2	Operators and Expressions
3	Control Statement - Conditionals and Loops
4	Control Statement – Loops
5	Structure, Union & String Handling
6	Searching: Linear and Binary
7	Finding - minimum and maximum and Sorting
8	Sorting - Types and **Online Assessment**
9	Introduction to OOPS, Class, Object, Encapsulation and Abstraction
10	Inheritance, Polymorphism, Function Overloading & Function Overriding
11	Static vs Final and Exception
12	Exception Handling Advance Demos
13	Collection API - Introduction and Demos
14	Collection API - Advance Demos
15	Console IO , File IO and Introduction to Threading
16	Threading Advance Demos **Programming Assessment**
17	Introduction to DBMS and Selection, Sorting using sql statement & Single row functions

18	Restrict data using Where clause, Multi row function, Reporting Aggregated data using group function, Group by & Having clause
19	DML , Sub Queries and Join Queries
20	SQL - JOIN Queries Types and DDL
21	JDBC API - Introduction and Demos
22	JDBC API -Advance Demos
23	Recap and **Online and Programming Assessment**
24	Recap