

## Core Java Programming - Day wise Syllabus

Day	Topics (2 hours/day)
1	Java Introduction, Features of Java Programming, Examples
2	OOP with Java, Fundamentals of Java, Work with Commands
3	Creating classes, objects, Data types. Practice with Classes and Objects
4	Work with Arrays and Decision constructs, Practice with Examples
5	String Handling, Functions in String, Example Programming
6	Class hierarchy and Inheritance, Practice with Types of Inheritance
7	Polymorphism - Overloading and Overriding Examples
8	Abstract Classes with Examples
9	Interfaces explanation with Examples
10	Creating User interfaces using Controls
11	Creating web based program
12	Deploying java on web Applets
13	Event Handling controls and Examples
14	Exception Handling with Types, Examples
15	Thread and MultiThreading Introduction
16	MultiThreading Practice with Examples
17	Util packages – Introduction
18	Util Packages with example - Explanation
19	Java Networking Introduction
20	Practice with Java Networking
21	Adding Images, Animation to Applets
22	Applet Examples with brief Explanation
23	I/O streams – Introduction
24	Practice with I/O Streams
25	Database Introduction
26	Database Management- Introduction
27	Practice with JDBC Examples
28	Mini Project with Explanation
29	Guidelines to Create a Project
30	Create Remote Method Invocation (RMI)
31	Client-Server using RMI, Practice with examples
32	Distributed Applications Using RMI, Examples