

JAVA SYLLABUS

| | |
|---|--------------------------------------|
| 1 | Introduction |
| | Why Java |
| | History of Java |
| | Features of Java |
| | JVM-The heart of Java |
| | Installation of eclipse |
| 2 | Datatypes |
| | Operators |
| | Variables |
| | Keywords |
| 3 | Method |
| | Modifiers |
| | Package |
| | Type casting |
| 4 | Non primitive datatypes |
| | Constructor |
| 5 | Decision Making Statements |
| | if statements |
| | if-else statements |
| | else-if statements |
| | switch statements |
| 6 | Java Loops |
| | for loops |
| | while loops |
| | do-while loops |
| 7 | Introduction to OOPS concepts |
| | Class and Object |
| | Abstraction and Interface |
| | Encapsulation |

| | |
|---|--------------|
| 8 | Inheritance |
| | Polymorphism |

| | |
|---|-----------------------|
| 9 | Inner class |
| | Anonymous inner class |
| | Use of Java keyword |

| | |
|----|---------------------------|
| 10 | Exception Handling |
| | Introduction |
| | Try Catch block |
| | Finally block |
| | Throw and Throws |

| | |
|----|--------------------|
| 11 | Collections |
| | Set |
| | List |
| | Queue |
| | Map |

| | |
|----|------------------------|
| 12 | Thread |
| | Introduction to thread |
| | Way of Defining |
| | Multithreading |