

# JAVA – PROGRAMMING (SYLLABUS)

Duration: 65 Hrs

Course Fee: Rs. 14,000/-

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S.No	Table of Contents	Remarks
1.	<b>introduction</b>	
2.	Software installation How to use Eclipse Software	
3.	<b>building blocks of java program</b> class and objects datatypes class members (access specifier/modifier, inner class, methods with args) packages	
4.	<b>To get Runtime value, operator</b>	
5.	<b>constructor, destructor</b>	
6.	<b>conditional constructor (if ,if else...switch)</b>	
7.	<b>looping, jumping statement</b>	
8.	<b>arrays , enum, strings, stringBuffer</b>	
9.	<b>inheritance, polymorphism, interface</b>	
10.	<b>exception handling</b>	
11.	<b>Type Casting</b>	
12.	<b>Regular Expression</b>	
13.	<b>localization(date,time,currency,text)</b>	
14.	<b>generics class, methods</b>	
15.	<b>collection ( set, list, map, deque)</b>	
16.	<b>Thread, Multithread</b>	

17.	<b>File,inputStream,outputstream</b>	
18.	<b>JDBC</b> <b>(Java DataBase Connectivity)</b> <b>(java –front end,</b> <b>MS-Sql-backEnd)</b>	
19.	<b>Swing:</b> <b>UI components,Managing Layout,Events</b> <b>model,Event Listener</b>	
20.	<b>Project</b>	