

ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY: CHIRALA
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LECTURE SCHEDULE

SUBJECT: JAVA PROGRAMMING

ACADEMIC YEAR: 2017-18

NAME: K SUBBA RAO

YEAR & SEM/SECTION: II-II 'B'

No. of Lectures per week : 4+1* (Tutorial)

SL.NO	DATE	UNITS	TOPICS
1	20-Nov-17	I	Introduction to OOP , procedural programming language and object oriented language
2	22-Nov-17		principles of OOP, applications of OOP
3	23-Nov-17		history of java, java features
4	24-Nov-17		JVM, program structure
5	25-Nov-17		Variables, identifiers, literals
6	27-Nov-17		primitive data types
7	29-Nov-17		Operators
8	30-Nov-17		expressions, precedence rules and associativity
9	2-Dec-17		primitive type conversion and casting
10	4-Dec-17		flow of control
11	6-Dec-17		flow of control (PPT)
12	7-Dec-17		Unit Test 1
13	8-Dec-17	II	Classes and objects, class declaration, creating objects
14	11-Dec-17		Methods
15	13-Dec-17		constructors and constructor overloading
16	14-Dec-17		garbage collector
17	15-Dec-17		Tutorial
18	16-Dec-17		importance of static keyword and examples
19	18-Dec-17		Arrays
20	20-Dec-17		this keyword and command line arguments
21	21-Dec-17		nested classes
22	22-Dec-17		Unit Test 2
23	23-Dec-17	III	Inheritance , types of inheritance
24	27-Dec-17		super keyword, final keyword
25	28-Dec-17		overriding and abstract class
26	29-Dec-17		Interfaces
27	30-Dec-17		creating the packages, using packages
28	1-Jan-18		importance of CLASSPATH and java.lang package.
29	3-Jan-18		Exception handling
30	4-Jan-18		importance of try, catch, throw, throws and finally block
31	5-Jan-18		Tutorial
32	6-Jan-18		user- defined exceptions, Assertions
33	8-Jan-18	IV	Multithreading: Introduction
34	10-Jan-18		thread life cycle
35	11-Jan-18		creation of threads using Runnable Interface
36	12-Jan-18		creation of threads using Thread class
37	17-Jan-18		Revision(mid 1)
38	18-Jan-18		Revision(mid 1)
39	19-Jan-18		Revision(mid 1)
40	20-Jan-18		Revision(mid 1)
41	22-Jan-18		Revision(mid 1)
42	24-Jan-18		thread priorities, thread synchronization
43	25-Jan-18		communication between threads
44	27-Jan-18		Reading data from files and writing data to files
45	29-Jan-18		Random access file.
46	31-Jan-18		Unit Test 4

47	1-Feb-18	V	Applet class, Applet structure	
48	2-Feb-18		Tutorial	
49	3-Feb-18		Applet life cycle, sample Applet programs, Introduction to HTML for applet (Content beyond syllabus)	
50	5-Feb-18		Event handling: event delegation model	
51	7-Feb-18		Sources of event	
52	8-Feb-18		Event Listeners	
53	9-Feb-18		Tutorial	
54	10-Feb-18		Example programs on Event Handling	
55	14-Feb-18		adapter classes	
56	15-Feb-18		inner classes.	
57	16-Feb-18		Tutorial	
58	17-Feb-18		Unit Test 5	
59	19-Feb-18		VI	AWT: introduction
60	20-Feb-18			components and containers
61	21-Feb-18			Button, Label
62	22-Feb-18			Checkbox, Radio Buttons
63	23-Feb-18			List Boxes, Choice Boxes
64	24-Feb-18	Container class, Layouts		
65	26-Feb-18	Layouts,		
66	28-Feb-18	Menu and Scrollbar		
67	1-Mar-18	Introduction to Swings		
68	3-Mar-18	Unit Test 6		
69	5-Mar-18	Revision		
70	7-Mar-18	Revision		
71	8-Mar-18	Revision		
72	9-Mar-18	Revision		
73	12-Mar-18	Revision		
74	14-Mar-18	Revision		
75	15-Mar-18	Revision		
76	16-Mar-18	Revision		
77	17-Mar-18	Revision		
78	19-Mar-18	Revision(mid 2)		
79	21-Mar-18	Revision(mid 2)		
80	22-Mar-18	Revision(mid 2)		
81	23-Mar-18	Revision(mid 2)		
82	24-Mar-18	Revision(mid 2)		

TEXT BOOKS:

1. The complete Reference Java, 8th edition, Herbert Schildt, TMH.
2. Programming in JAVA, Sachin Malhotra, SaurabhChoudary, Oxford.
3. Introduction to java programming, 7th edition by Y Daniel Liang, Pearson.

REFERENCE BOOKS:

1. Swing: Introduction, JFrame, JApplet, JPanel, Componets in Swings, Layout Managers in
2. Swings, JList and JScrollPane, Split Pane, JTabbedPane, JTree, JTable, Dialog Box.

FACULTY MEMBER

HEAD OF THE DEPARTMENT