

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

LECTURE SCHEDULE

SUBJECT: JAVA PROGRAMMING

ACADEMIC YEAR: 2018-19

NAME: K SUBBA RAO

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

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

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

45	18-Jan-19		MID-1
46	21-Jan-19		MID-1
47	21-Jan-19		MID-1
48	22-Jan-19		MID-1
49	23-Jan-19		MID-1
50	24-Jan-19	IV	Multithreading: Introduction , thread life cycle,
51	25-Jan-19		creation of threads using : Runnable and Thread class
52	28-Jan-19		thread priorities
53	28-Jan-19		Tutorial
54	29-Jan-19		thread synchronization
55	30-Jan-19		communication between threads
56	31-Jan-19		Input / Output operations
57	1-Feb-19		Reading data from files and writing data to files
58	4-Feb-19		Random access file.
59	4-Feb-19		Tutorial
60	5-Feb-19		java.io.package
61	6-Feb-19		Unit Test -4
62	7-Feb-19		V
63	8-Feb-19	Applet life cycle, sample Applet programs,	
64	11-Feb-19	Introduction to HTML for applet (Content beyond syllabus)	
65	11-Feb-19	Tutorial	
66	12-Feb-19	Event handling: event delegation model	
67	13-Feb-19	Sources of event	
68	14-Feb-19	Event Listeners	
69	15-Feb-19	Example programs on Event Handling	
70	18-Feb-19	adapter classes	
71	18-Feb-19	Tutorial	
72	19-Feb-19	inner classes.	
73	20-Feb-19	Unit Test 5	
74	21-Feb-19	VI	AWT: introduction, components and containers
75	22-Feb-19		Button, Label, Checkbox
76	25-Feb-19		Radio Buttons
77	25-Feb-19		List Boxes, Choice Boxes, Container class
78	27-Feb-19		Tutorial
79	28-Feb-19		Layouts,
80	1-Mar-19		Menu and Scrollbar
81	5-Mar-19		Introduction to swings, JFrame, JApplet, JPanel, Componets
82	6-Mar-19		Layout manager
83	7-Mar-19		JList and JScrollPane, Split Pane
84	8-Mar-19		Tutorial
85	11-Mar-19		JTabbedPane,
86	11-Mar-19		JTree, JTable,
87	12-Mar-19		Dialog Box.
88	13-Mar-19		Revision
89	14-Mar-19		Revision
90	15-Mar-19		Revision
91	18-Mar-19		Revision
92	18-Mar-19		Revision
93	19-Mar-19		Revision
94	20-Mar-19	Revision	
95	22-Mar-19	Revision	
96	25-Mar-19	MID-2	
97	25-Mar-19	MID-2	

98	26-Mar-19		MID-2
99	27-Mar-19		MID-2
100	28-Mar-19		MID-2
101	29-Mar-19		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. JAVA Programming, K Rajkumar, Pearson
2. Core JAVA, Black Book, Nageswararao, Wiely Dream Tech
3. Core JAVA for Beginners, Rashmi Kanta Das, Vikas
4. Object Oriented Programming Through JAVA, P. Radha Krishna, Universities Press.

FACULTY MEMBER

HEAD OF THE DEPARTMENT

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