

St. Ann's College of Engineering & Technology: Chirala
Department of COMPUTERSCIENCE & Engineering
LECTURE SCHEDULE

SUB: JAVA PROGRAMMING

ACADEMIC YEAR: 2019-20

NAME: K SUBBA RAO

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

No. of Lectures per week :5+1* (Tutorial)

Sl No	Date	Unit	Topics
1	18/11/2019	Unit-I	Introduction to OOP , procedural programming language and object oriented language
2	19/11/2019		principles of OOP, applications of OOP
3	20/11/2019		history of java, java features
4	22/11/2019		JVM, program structure
5	22/11/2019		Tutorial
6	23/11/2019		Variables, identifiers, literals
7	25/11/2019		primitive data types
8	26/11/2019		Operators
9	27/11/2019		expressions, precedence rules and associativity
10	29/11/2019		primitive type conversion and casting
11	29/11/2019		Tutorial
12	30/11/2019		flow of control
13	02/12/2019		flow of control
14	03/12/2019		flow of control
15	04/12/2019		Revision of Unit 1
16	06/12/2019		Tutorial/ Unit Test -1
17	06/12/2019	Unit-II	Classes and objects, class declaration
18	07/12/2019		creating objects,
19	09/12/2019		Methods
20	10/12/2019		constructors and constructor overloading
21	11/12/2019		garbage collector
22	13/12/2019		importance of static keyword and examples
23	13/12/2019		Tutorial
24	14/12/2019		Arrays
25	16/12/2019		this keyword and command line arguments
26	17/12/2019		nested classes
27	18/12/2019		nested classes
28	20/12/2019		Revision of Unit 2
29	20/12/2019		Tutorial
30	21/12/2019		Unit Test-2
31	23/12/2019	Unit-III	Inheritance , types of inheritance
32	27/12/2019		super keyword, final keyword
33	27/12/2019		Tutorial
34	28/12/2019		overriding and abstract class
35	30/12/2019		Interfaces
36	31/12/2019		creating the packages, using packages
37	01/01/2020		importance of CLASSPATH and java.lang package.
38	03/01/2020		Exception handling
39	03/01/2020		Tutorial
40	04/01/2020		importance of try, catch, throw, throws and finally block
41	06/01/2020		user- defined exceptions, Assertions
42	07/01/2020	Mid I & Revision	Revision
43	08/01/2020		Revision
44	10/01/2020		Revision
45	10/01/2020		Tutorial
46	13/01/2020		Revision
47	18/01/2020		MID-1
48	20/01/2020		MID-1
49	21/01/2020		MID-1
50	22/01/2020		MID-1
51	24/01/2020		MID-1
52	24/01/2020	Tutorial	
53	25/01/2020		Multithreading: Introduction ,thread life cycle
54	27/01/2020		creation of threads : Using Runnable and Thread class
55	28/01/2020		thread priorities
56	29/01/2020		thread synchronization
57	31/01/2020		communication between threads

58	31/01/2020	Unit-IV	Tutorial
59	01/02/2020		Input / Output operations
60	03/02/2020		Reading data from files and writing data to files
61	04/02/2020		Random access file.
62	05/02/2020		java.io.package
63	07/02/2020		Revision of Unit 4
64	07/02/2020		Tutorial/Unit Test 4
65	10/02/2020	Unit -V	Applet class, Applet structure
66	11/02/2020		Applet life cycle, sample Applet programs,
67	12/02/2020		Introduction to HTML for applet (Content beyond syllabus)
68	14/02/2020		Event handling: event delegation model
69	14/02/2020		Tutorial
70	15/02/2020		Sources of event
71	17/02/2020		Event Listeners
72	18/02/2020		Example programs on Event Handling
73	19/02/2020		adapter classes
74	21/02/2020		inner classes.
75	21/02/2020	Tutorial /Revision of Unit 5	
76	22/02/2020	Unit Test 5	
77	25/02/2020	Unit-VI	AWT: introduction, components and containers
78	26/02/2020		Button, Label, Checkbox
79	28/02/2020		Radio Buttons
80	28/02/2020		Tutorial
81	29/02/2020		List Boxes, Choice Boxes, Container class
82	02/03/2020		Layouts,
83	03/03/2020		Menu and Scrollbar
84	04/03/2020		Introduction to swings, JFrame, JApplet, JPanel, Componets
85	06/03/2020		Layout manager
86	06/03/2020		Tutorial
87	07/03/2020		Layout manager
88	10/03/2020		JList and JScrollPane, Split Pane
89	11/03/2020		JTabbedPane,
90	13/03/2020	JTree, JTable,	
91	13/03/2020	Tutorial	
92	16/03/2020	Dialog Box.	
93	17/03/2020	Mid 2 & Revision	Revision
94	18/03/2020		Revision
95	20/03/2020		Revision
96	20/03/2020		Tutorial
97	21/03/2020		Revision
98	23/03/2020		Mid-2
99	24/03/2020		Mid-2
100	27/03/2020		Mid-2
101	27/03/2020		Mid-2
102	28/03/2020		Tutorial
103	30/03/2020	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