

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

**LECTURE SCHEDULE**

**SUBJECT: JAVA PROGRAMMING**

**ACADEMIC YEAR: 2018-19**

**NAME: A YUGANDHAR REDDY**

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

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

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

44	17/1/19	<b>MID1</b>	Mid-1(Revision)
45	18/1/19		Mid-1(Revision)
46	19/1/19		Mid-1(Revision)
47	19/1/19		Mid-1(Revision)
48	22/1/19		Mid-1(Revision)
49	23/1/19		Mid-1(Revision)
50	24/1/19		<b>IV</b>
51	25/1/19	creation of threads using Runnable Interface	
52	29/1/19	creation of threads using Thread class	
53	30/1/19	thread priorities, thread synchronization	
54	31/1/19	communication between threads	
55	1/2/19	Reading data from files and writing data to files	
56	2/2/19	Random access file.	
57	2/2/19	<b>TUTORIAL</b>	
58	5/2/19	<b>Revision through PPT</b>	
59	6/2/19	<b>UNIT TEST-IV</b>	
60	7/2/19	<b>V</b>	
61	8/2/19		Applet life cycle, sample Applet programs, Introduction to HTML for applet ( Content beyond syllabus)
62	12/2/19		Event handling: event delegation model
63	13/2/19		Sources of event
64	14/2/19		Event Listeners
65	15/2/19		Example programs on Event Handling
66	16/2/19		adapter classes
67	16/2/19		<b>TUTORIAL</b>
68	19/2/19		inner classes.
69	20/2/19		<b>Revision through PPT</b>
70	21/2/19		<b>Revision through PPT</b>
71	22/2/19		<b>UNIT TEST-V</b>
72	23/2/19	<b>VI</b>	AWT introduction, components and containers
73	23/2/19		<b>TUTORIAL</b>
74	26/2/19		Button, Label, Checkbox, Radio Buttons
75	27/2/19		List Boxes, Choice Boxes, Container class
76	28/2/19		Layouts,
77	1/3/18		Menu and Scrollbar
78	2/3/19		Introduction to swings, JFrame, JApplet, JPanel, Componets
79	2/3/19		<b>TUTORIAL</b>
80	5/3/19		Layout manager, JList and JScrollPane, Split Pane
81	6/3/19		JTabbedPane, JTree, JTable, Dialog Box.
82	7/3/19		<b>Revision through PPT</b>
83	8/3/19		<b>Revision through PPT</b>
84	12/3/19		<b>R E V I S I O N</b>
85	13/3/19	Revision	
86	14/3/19	Revision	
87	15/3/19	Revision	
88	16/3/19	Revision	
89	16/3/19	Revision	
90	19/3/19	Revision	
91	20/3/19	Revision	
92	22/3/19	Revision	
93	23/3/19	Revision	
94	23/3/19	Revision	

95	26/3/19	<b>MID2</b>	Mid-2(Revision)
96	27/3/19		Mid-2(Revision)
97	28/3/19		Mid-2(Revision)
98	29/3/19		Mid-2(Revision)
99	30/3/19		Mid-2(Revision)

**TEXT BOOKS:**

1. The complete Reference Java, 8<sup>th</sup> edition, Herbert Schildt, TMH.
2. Programming in JAVA, Sachin Malhotra, SaurabhChoudary, Oxford.
3. Introduction to java programming, 7<sup>th</sup> 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.

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