

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

LECTURE SCHEDULE

**SUBJECT: JAVA PROGRAMMING
NAME: A YUGANDHAR REDDY**

**ACADEMIC YEAR: 2019-20
YEAR & SEM/SECTION: II-II 'B'**

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

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

40	3/1/20		Revision through PPT
41	4/1/20		Revision through PPT
42	6/1/20	R E V	REVISION
43	8/1/20		REVISION
44	8/1/20		REVISION
45	9/1/20		REVISION
46	10/1/20		REVISION
47	13/1/20	MID-1	Mid-1(Revision)
48	18/1/20		Mid-1(Revision)
49	20/1/20		Mid-1(Revision)
50	22/1/20		Mid-1(Revision)
51	23/1/20		Mid-1(Revision)
52	24/1/20	IV	Multithreading: Introduction
53	25/1/20		thread life cycle
54	27/1/20		creation of threads using Runnable Interface
55	29/1/20		creation of threads using Thread class
56	29/1/20		TUTORIAL
57	30/1/20		thread priorities, thread synchronization
58	31/1/20		communication between threads
59	1/2/20		Reading data from files and writing data to files
60	3/2/20		Random access file.
61	5/2/20		Revision through PPT
62	5/2/20		Revision through PPT
63	6/2/20		UNIT TEST-IV
64	7/2/20		V
65	10/2/20	Applet life cycle, sample Applet programs, Introduction to HTML for applet (Content beyond syllabus)	
66	12/2/20	Event handling: event delegation model	
67	12/2/20	TUTORIAL	
68	13/2/20	Sources of event	
69	14/2/20	Event Listeners	
70	15/2/20	Example programs on Event Handling	
71	17/2/20	adapter classes	
72	19/2/20	inner classes.	
73	19/2/20	TUTORIAL	
74	20/2/20	Revision through PPT	
75	21/2/20	Revision through PPT	
76	22/2/29	UNIT TEST-V	
77	26/2/20	VI	AWT introduction, components and containers
78	26/2/20		TUTORIAL
79	27/2/20		Button, Label, Checkbox, Radio Buttons
80	28/2/20		List Boxes, Choice Boxes, Container class
81	29/2/20		Layouts,
82	2/3/20		Menu and Scrollbar
83	4/3/20		Introduction to swings, JFrame, JApplet, JPanel, Componets
84	4/3/20		TUTORIAL
85	5/3/20		Layout manager, JList and JScrollPane, Split Pane

86	6/3/20		JTabbedPane, JTree, JTable, Dialog Box.
87	7/3/20		Revision through PPT
88	9/3/20		Revision through PPT
89	11/3/20	R E V I S I O N	Revision
90	11/3/20		Revision
91	12/3/20		Revision
92	13/3/20		Revision
93	16/3/20		Revision
94	18/3/20		Revision
95	18/3/20		Revision
96	19/3/20		Revision
97	20/3/20		Revision
98	21/3/20		Revision
99	23/3/20	MID-2	Mid-2(Revision)
100	26/3/20		Mid-2(Revision)
101	27/3/20		Mid-2(Revision)
102	28/3/20		Mid-2(Revision)
103	30/3/20		Mid-2(Revision)

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.

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