

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

LECTURE SCHEDULE

SUBJECT: JAVA PROGRAMMING

NAME: A YUGANDHAR REDDY

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

ACADEMIC YEAR: 2017-18

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

SL.NO	DATE	UNITS	TOPICS
1	20-Nov-17	I	Introduction to OOP, procedural programming language and object oriented language
2	21-Nov-17		principles of OOP, applications of OOP
3	22-Nov-17		history of java, java features
4	23-Nov-17		JVM, program structure
5	24-Nov-17		Variables, identifiers, literals
6	27-Nov-17		primitive data types
7	28-Nov-17		Operators
8	29-Nov-17		expressions, precedence rules and associativity
9	30-Nov-17		primitive type conversion and casting
10	4-Dec-17		flow of control
11	5-Dec-17		flow of control (PPT)
12	6-Dec-17		UNIT-1 ST
13	7-Dec-17	II	UNIT-1 OT , Classes and objects, class declaration, creating objects
14	8-Dec-17		Tutorial
15	11-Dec-17		Methods
16	12-Dec-17		constructors and constructor overloading
17	13-Dec-17		garbage collector
18	14-Dec-17		importance of static keyword and examples
19	15-Dec-17		Tutorial
20	18-Dec-17		Arrays
21	19-Dec-17		this keyword and command line arguments
22	20-Dec-17		nested classes
23	21-Dec-17		UNIT-2 ST
24	22-Dec-17		Tutorial
25	26-Dec-17	III	UNIT-2 OT , Inheritance, types of inheritance
26	27-Dec-17		super keyword, final keyword
27	28-Dec-17		overriding and abstract class
28	29-Dec-17		Tutorial
29	1-Jan-18		Interfaces
30	2-Jan-18		creating the packages, using packages
31	3-Jan-18		Importance of CLASSPATH and java.lang package.
32	4-Jan-18		Exception handling
33	5-Jan-18	Tutorial	
34	8-Jan-18	IV	importance of try, catch, throw, throws and finally block
35	9-Jan-18		user- defined exceptions, Assertions
36	10-Jan-18	IV	Multithreading: Introduction
37	11-Jan-18		thread life cycle
38	12-Jan-18		Tutorial
39	17-Jan-18	MID1	Mid-1(Revision)
40	18-Jan-18		Mid-1(Revision)
41	19-Jan-18		Mid-1(Revision)
42	22-Jan-18		Mid-1(Revision)
43	23-Jan-18		Mid-1(Revision)

44	24-Jan-18	IV	creation of threads using Runnable Interface	
45	25-Jan-18		creation of threads using Thread class	
46	29-Jan-18		thread priorities, thread synchronization	
47	30-Jan-18		communication between threads	
48	31-Jan-18		Reading data from files and writing data to files	
49	29-Jan-18		Random access file.	
50	31-Jan-18		UNIT-4 ST	
51	1-Feb-18	V	UNIT-4 OT , Applet class, Applet structure	
52	2-Feb-18		Tutorial	
53	5-Feb-18		Applet life cycle, sample Applet programs, Introduction to HTML for applet (Content beyond syllabus)	
54	6-Feb-18		Event handling: event delegation model	
55	7-Feb-18		Sources of event	
56	8-Feb-18		Event Listeners	
57	9-Feb-18		Tutorial	
58	14-Feb-18		Example programs on Event Handling	
59	15-Feb-18		adapter classes	
60	16-Feb-18		Tutorial	
61	19-Feb-18		inner classes.	
62	20-Feb-18		UNIT-5 ST	
63	21-Feb-18		VI	UNIT-5 OT , AWT introduction, components and containers
64	22-Feb-18			Button, Label, Checkbox, Radio Buttons
65	23-Feb-18	Tutorial		
66	26-Feb-18	List Boxes, Choice Boxes, Container class		
67	27-Feb-18	Layouts,		
68	28-Feb-18	Menu and Scrollbar		
69	1-Mar-18	Introduction to swings, JFrame, JApplet, JPanel, Componets		
70	5-Mar-18	Layout manager, JList and JScrollPane, Split Pane		
71	6-Mar-18	JTabbedPane, JTree, JTable, Dialog Box.		
72	7-Mar-18	Revision		
73	8-Mar-18	R E V I S I O N	Revision	
74	9-Mar-18		Revision	
75	12-Mar-18		Revision	
76	13-Mar-18		Revision	
77	14-Mar-18		Revision	
78	15-Mar-18		Revision	
79	16-Mar-18		Revision	
80	19-Mar-18		MID2	Mid-2(Revision)
81	20-Mar-18	Mid-2(Revision)		
82	21-Mar-18	Mid-2(Revision)		
83	22-Mar-18	Mid-2(Revision)		
84	23-Mar-18	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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