Lesson Plan of the 7th semester for session 2020 -20 (July- Dec)

Name of the faculty: Ms. Manisha

Designation   :

Discipline   :   Computer Science and Engg.

Semester   :   7th

Subject   :   **ADVANCED JAVA(CSE-409-F)**

Lesson Plan duration   :   15 weeks

Work Load per week in hours: Lectures- 03, Tutorial-01

Week	Lecture day	Topic (Including Assignment/Test)
		UNIT – I
1	1	Introduction to Java, Data types, variables
	2	operators, Arrays, Control Statements
	3	Classes & Methods
2	4	Inheritance
	5	Exception Handling
	6	Multithreading
3	7	Collections, I/O streams
	8	AVVT & Applet Programming.
	9	Connecting to a Server
4	10	Implementing Servers
	11	Sending E-Mail
	12	Making URL Connections
5	13	Advanced Socket Programming
	14	The Design of JDBC. The Structured Query Language,
	15	JDBC Installation, Basic JDBC Programming Concepts
6	16	Query Execution, Scrollable and Updatable Result Sets,
	17	Metadata, Row Sets, Transactions, Assignments
	18	Advanced Connection Management, Introduction of LDAP
7	19	The Roles of Client and Server, Remote Method Invocations,
	20	Setup for Remote Method Invocation

	21	Parameter Passing in Remote Methods Server Object Activation
8.	22	Java IDL and CCRA
	23	Remote Method Calls with SOAP
	24	Lists, Trees
9.	25	Tables,
	26	Styled Text Components
	27	Progress Indicators, Component Organizers
10.	28	AWT The Rendering Pipeline
	29	Shapes, Areas, Strokes
	30	Paint, Coordinate Transformations, Clipping,
11	31	Transparency and Composition
	32	Test
	33	Rendering Hints, Readers and Writers for Images, Image
12.	34	Printing. The Clipboard, Drag and Drop
	35	Revision
	36	Beans, The Bean-Writing Process
13.	37	Using Beans to Build an Application
	38	Naming Patterns for Bean
	39	Components and Events Bean Property Tubes Beaninfo Classes Property Editors
14.	40	Cuatomizes
	41	SECURITY Class Loaders, Bytecode Verification,
	42	Security Managers and Permissions,
15	43	Digital Signatures, Code Signing,
	44	Encryption
	45	Revision