

Session: 2020-2021

Department: CSE

Subject code: CSE-409-F

Course- CSE

Semester: 7th

Faculty Name : Mr.Neeraj Kumar

Name of the Faculty : Mr.Neeraj kumar

Discipline : CSE

Semester : 7th

Subject : Advance Java (CSE-409-F)

Lesson Plan Duration : 15 Weeks (from Aug., 2020 to Nov., 2021)

**** Work Load (Lecture/Practical) per week (in hours): Lectures-03, Practicals-06**

Week	Theory		Practical	
	Lecture Day	Topic (including assignment/test)	Practical day	Topic
1 st	1 st	CORE JAVA Introduction to Java	1 st	Write a Program in Java to explain the concept of "THREADING".
	2 nd	Data types, variables,		
	3 rd	operators, Arrays& Control Statements,		
2 nd	4 th	Classes & Methods,	2 nd	Write a program in Java to implement Socket Programming.
	5 th	Inheritance,		
	6 th	Exception Handling& Multithreading		
3 rd	7 th	Collections, I/O streams	3 rd	Write a program in Java for Sending E-Mails.
	8 th			
4 th	9 th	NETWORKING AVVT & Aplet Programming.	4 th	Write a program in Java for implementing Calculator in an Applet.
	10 th			
	11 th			
5 th	12 th	Connecting to a Server	5 th	Write a program in Java for implementing RMI.
	13 th	Implementing Servers,		
	14 th	Sending E- Mail,		
6 th	15 th	Making URL Connections Advanced Socket Programming	6 th	Write a program in Java for reading a file from a designated URL.
	16 st	DATABASE NETWORKING		
	17 nd	The Design of JDBC. The		
	18 rd	Structured Query Language, JDBC Installation, Basic JDBC Programming		
7 th	19 th	Concepts, Query Execution,	7 th	Write a program in

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	20 th	Scrollable and Updatable Result Sets, Metadata, Row Sets, Transactions, Advanced Connection Management, Introduction of LDAP		? Java implementing file Input Output Functions.
	21 th			
8 th	22 th	DISTRIBUTED OBJECTS The Roles of Client and Server, Remote Method Invocations, Setup for Remote Method Invocation, Parameter Passing in Remote Methods Server Object Activation, Java IDL and CCRA, Remote Method Calls with SOAP	8 th	Write a program in Java implementing Java Beans.
	23 th			
	24 th			
9 th	25 nd	SWING Lists, Trees, Tables, Styled Text Components, Progress Indicators, Component Organizers	9 th	Write a program in Java implementing Swings.
	26 rd			
	27 th			
10 th	28 th	AWT The Rendering Pipeline, Shapes, Areas, Strokes Printing. The Clipboard, Drag and Drop		
	29 th			
11 th	30 th	JAVABEANS COMPONENTS Beans The Bean-Writing Process Using Beans to Build an Application		
	31 nd			
	32 rd			
12 th	33 th	Components and Events Bean Property Tubes Beaninfo Classes Property Editors Cuatomizes		
	34 th			
	35 th			
13 th	36 th	SECURITY Class Loaders		



**MERI College of Engineering & Technology
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	37 th	Bytecode Verification		
	38 st	Security Managers and Permissions,		
14 th	39 nd	Revision of syllabus		
	40 rd	Revision of syllabus		
	41 th	Revision of syllabus		
	42 th	Revision of syllabus		
15 th	43 th	Pre-University Exams		