

S.No	Module	Topics	*Start Date	*End Date	Faculty Incharge	Sign
1	SE -UML	SDLC Overview,Models & Modeling	6-Jan	6-Jan	Pooja M	
2	SE -UML	UML Diagram	7-Jan	8-Jan	Pooja M	
3	SQL	RDBMS Fundamentals , Normal Forms & introduction to Oracle	9-Jan	11-Jan	Vishal P	
4	SQL	Data Retrieval , Restriction and Sorting, Single row functions , Multiple row & Group Functions	13-Jan	14-Jan	Vishal P	
5	SQL	Join ,Sub queries & Set operators, Correlated Subqueries DDL, DCL DML & TCL	15-Jan	16-Jan	Halkarnikar P	
6	SQL	Other Schema Objects - views, Index & synonyms	17-Jan	20-Jan	Halkarnikar P	
7	PLSQL	Introduction to PLSQL & Language Features	21-Jan	21-Jan	Sandhya G	
8	PLSQL	Control Structures , Sub Programs & Cursor	22-Jan	22-Jan	Sandhya G	
9	PLSQL	Packages , Exception & performance tuning	23-Jan	24-Jan	Pooja B	
10	Core Java	OOPS,Java Introduction & Language Fundamentals	27-Jan	28-Jan	Vishal W	
11	Core Java	Introduction to Java API, Strings	29-Jan	30-Jan	Deepali J	
12	Core Java	Inheritance & Polymorphism	31-Jan	3-Feb	Gaurav G	
13	Core Java	Abstract Class , Interfaces & Exception Handling	4-Feb	4-Feb	Gaurav G	
14	Core Java	IO Streams	7-Feb	7-Feb	Gaurav G	
15	Core Java	Collection Framework & Generics In Java	8-Feb	10-Feb	Rachana M	
16	Core Java	Multithreading	11-Feb	11-Feb	Manisha B	
17	Core Java	Comparing Java Version 7 and 8.0, Introduction to 8.0 , Log4j	12-Feb	12-Feb	Manisha B	
18	Core Java - JDBC	Developing Applications for the Java™ SE Platform - JDBC	13-Feb	13-Feb	Rachana M	
19	Basics of JEE	JSP,JSTL,Servlets introduction, Life Cycle of a servlet	14-Feb	18-Feb	Ishwar K	
20		HttpServlet, Other objects,	19-Feb	20-Feb	Amol D	
21		HTML5, Introduction to building a web page, Creating HTML Documents	21-Feb	22-Feb	Pratiksha S	
22	CSS	Intro to CSS3, Adding images, Responsive,More CSS techniques	24-Feb	25-Feb	Naresh M	
23		Organizing information with tables and definition lists, creating	26-Feb	27-Feb	Naresh M	
24	Javascript and JQuery	Javascript & JQuery - DOM, Selectors, AJAX,Constructors, Prototype	28-Feb	29-Feb	Ketki B	
25	Maven	What is Maven, Why command line	2-Mar	2-Mar	Mily Lal Nalini Yadav	
26		Dependency Resolution, Configurations	2-Mar	2-Mar		
27		Installation Approach - Archetype, RAD,Setup Commands, Download from GIT	3-Mar	3-Mar		
28		Life cycles, Phases and Goals, Profiles, Parent-Child Module	4-Mar	4-Mar		
29		Dependency Plugins, Local Maven Repository Vs Project Centralised Repository	5-Mar	5-Mar		
30	Introduction to Spring (Core)	Introduction, Bean Container, IoC, DI, AOP, JDBC	6-Mar	6-Mar		
31		Environment Setup, Beans Definition, Scope, LifeCycles, Post Processors, Properties	9-Mar	9-Mar		
32		Injecting Collections, Auto-Wiring,component-scan	10-Mar	10-Mar		
33		Spring Boot, Annotations, DevTools,Configuration,Repository	11-Mar	11-Mar		
34	Spring - MVC 5.0	Introduction,MVC Patterns,DispatchServlet, View Resolver	12-Mar	12-Mar		
35		Configurations,@Annotations (Controller,RestController), ModelAndView	13-Mar	13-Mar		
		JSP Views,Resource Mapping,Templating, Form Field Def/Validations	14-Mar	14-Mar		
		Log4j Configurations, Intro on JavaScript & JQuery, REST Service	14-Mar	14-Mar		
		Introductions, DataSource Configurations	16-Mar	16-Mar		
	Spring ORM (Hibernate+JPA)	Object Relational Mapping , About Maven Dependencies and Configs , Entity classes and Session Factory , CRUD Operations - APIs	17-Mar	17-Mar		
		Hibernate Configurations, Session Factory, Sessions, Mapping XML, Entities, Annotation Based, First/Second Level Caching , Transient, Persistent and Detached Objects	18-Mar	19-Mar		
		Introduction, JPA Interface, Crud Operations	20-Mar	23-Mar		
		Custom SQL Annotations, Transaction Support, Error Handling				
		Named Queries, Lazy Loading,HQL, Association, Inheritance Mapping, Cascading Approach, Exception Handling	24-Mar	24-Mar		
	Design Patterns	Introduction, Top 25 Java Blue Print Patterns	25-Mar	26-Mar	Shivganga G	
		Top 15 JEE Patterns with Samples & Places of Usage			Shivganga G	
	Best Practices	Exception Handling & Chaining, Code Documentation (JavaDoc)	27-Mar	28-Mar	Anil H	
		Logging, Configuration, Levels,Rollover			Anil H	
		Coding Standards & Tools - Rules, ERA+/SonarQube			Anil H	
	Unit Testing	Unit Testing with JUnit 5, Test Suites, Life Cycle,Assumptions Test, Various Assertion,Negative+Positive Test Case	30-Mar	31-Mar	Suvarna P	
		Mockito with JUnit			Suvarna P	
	Case Study:-					
	Scope Technology					
	Front End JS Framework - Angular 8 / ReactJS vLatest (any one)				Mily Lal Nalini Yadav	
	Server Side - Spring Boot (+Rest Controller, SpringSecurity, @Service, @Repository, @AOP)					

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* Dates are subjected to change as per the Academic calender, University Exams ,Holidays and other Institute Activities