Name of the Faculty : Mr. Devender Kumar

Branch : Computer Science & Engineering

Semester : 5th

Subject : Web Development & Core Java

Lesson Plan Duration : 15 weeks (From August, 2018 to November, 2018)

Work Load (Lecture / Practical) per week (in hours): Lectures-03, Practicals-02

Weak	Theory		Practical	
	Lecture Day	**Topic (Including Assignment / Test)**	**Practical Day**	**Topic**
1st	1st	JAVA: Introduction to JAVA	1st	Explain main method using a simple java programme to print "Hello! World
	2nd	Basics Data Types Assignment-1 Java Versions & Data Types		
	3rd	Operators	2nd	WAP in java to implement classes and methods
	4th	Classes and Methods Assignment-2 Java operators & Classes		
2nd	1st	Access Specifiers	1st	WAP in java to implement access specifiers
	2nd	Arrays Assignment-3 Access Specifiers & Arrays		
	3rd	Inheritance	2nd	WAP in java to implement inheritance
	4th	Polymorphism Assignment-4 Inheritance & Polymorphism		
3rd	1st	Threads	1st	WAP in java to implement Threads.
	2nd	Package and Interfaces		
	3rd	Exception Handling	2nd	WAP in java to illustrate Exception Handling
	4th	IO		
4th	1st	Applets	1st	WAP in java to implement Applets
	2nd	Generics and Collections		
	3rd	Basic terms: WWW, XML, HTML, XHTML, W3C	2nd	WAP in HTML to illustrate the use of meta tags
	4th	Descriptive mark-up: Meta tags for common tasks, semantic tags for aiding search, the doubling code and RDF.		
5th	1st	Separating style from structure with style sheets: Internal style specifications within HTML, External	1st	WAP in HTML to use the CSS in different ways.

		linked style specification using CSS		
	2nd	Page and site design considerations		
	3rd	Client side programming: Introduction to the JavaScript syntax, the JavaScript object model Event handling, Output in JavaScript,	2nd	WAP in HTML to illustrate the use of JavaScript
	4th	Forms handling, miscellaneous topics such as cookies, hidden fields, and images; Applications		WAP in HTML to create Form
6th	1st	Server side programming: Introduction to Server Side Technologies CGI/ASP/JSP., Programming languages for server Side Scripting,	1st	Configuring the Web server to host a webpage
	2nd	Configuring the server to support CGI, its applications;		
	3rd	Input /output operations on the WWW	2nd	WAP to send request to Web Server and getting a response.
	4th	Forms processing, (using PERL / VBScript)		
7th	1st	Forms processing, (using JavaScript)	1st	WAP to illustrate validation of a Form using JavaScript
	2nd	Other dynamic content Technologies: Introduction to ASP		
	3rd	Introduction to JSP	2nd	WAP in HTML to play audio
	4th	Delivering multimedia over web pages		
8th	1st	The VRML idea,	1st	WAP in HTML to play video
	2nd	The Java phenomenon - applets		
	3rd	The Java phenomenon- Servlets	2nd	
	4th	Issues and web development.		
9th	1st	Introduction to Microsoft .NET Technology and	1st	
	2nd	Comparison of .NET with the competing Technologies		
	3rd	Revision Unit-1	2nd	
	4th	Revision Unit-1		
10th	1st	Revision Unit-2	1st	
	2nd	Revision Unit-2		
	3rd	Revision Unit-3	2nd	

	4th	Revision Unit-3		
11th	1st	Revision Unit-4	1st	
	2nd	Revision Unit-4		