

**ST.ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Lecture Schedule**

NAME OF THE SUBJECT: **WEB TECHNOLOGIES**

NO. OF LECTURES PER WEEK : 5

YEAR-SEM, : **IV B.TECH- I SEM**

BRANCH & SECTION: CSE - A

NAME OF THE FACULTY: **N.PHANI LALITHENDRA**

ACADAMIC YEAR: **2019-20**

UNIT	Date	Topic	No.of Hours Required/topic
<b>I</b>	10-6-19	Introduction to Web Technologies-Unit -1	1
	11-6-19	<b>HTML, CSS:</b> Basic Syntax	1
	13-6-19	Standard HTML Document structure	1
	14-6-19	Basic text markup	1
	14-6-19	Tutorial	1
	15-6-19	Images	1
	17-6-19	Hyper text Links	1
	18-6-19	Lists	1
	20-6-19	Tables	1
	21-6-19	Forms	1
	21-6-19	Tutorial	1
	22-6-19	HTML5	1
	24-6-19	CSS: Levels of Style sheets	1
	25-6-19	Style specification formats	1
	27-6-19	Selector forms	1
	28-6-19	The Box Model	1
	28-6-19	Tutorial	1
	29-6-19	Conflict Resolution	1
	1-7-19	Revision of Unit-1	1
	2-7-19	Unit test-1	1
<b>II</b>	4-7-19	<b>Java Script:</b> The Basics of Java Script-Unit-II	1
	5-7-19	Objects	1
	5-7-19	Tutorial	1
	6-7-19	Primitive operations and Expressions	1
	8-7-19	Screen output and Keyboard input	1
	9-7-19	Control statements	1
	11-7-19	Object Creation and modification	1
	12-7-19	Arrays	1
	12-7-19	Tutorial	1
	15-7-19	functions	1
	16-7-19	Constructors	1
	18-7-19	Pattern matching using Regular Expressions	1
	19-7-19	DHTML: Positioning moving	1
	19-7-19	Tutorial	1
	20-7-19	Changing Elements	1
	22-7-19	Revision of unit-2	1
23-7-19	Unit test-2	1	
<b>III</b>	25-7-19	<b>XML:</b> Introduction and Structure of XML-Unit 3	1
	26-7-19	Document Type Definition	1
	26-7-19	Tutorial	1
	27-7-19	XML Schemas	1
	29-7-19	Document Object Model	1
	30-7-19	XSLT	1
	1-8-19	DOM and SAX approaches	1
	2-8-19	<b>AJAX A new Approach:</b> Introduction to AJAX	1
	2-8-19	<b>Tutorial</b>	1

	3-8-19	Integrating PHP and AJAX	1
	5-8-19	Mid-1	1
	6-8-19	Mid-1	1
Mid-1	7-8-19	Mid-1	1

	8-8-19	Mid-1	1
	9-9-19	Mid-1	1
	10-9-19	Mid-1	1
IV	13-8-19	<b>PHP Programming:</b> Intriduction to PHP-Unit-IV	1
	16-8-19	creating PHP script and running PHP script	1
	16-8-19	Working with variables and constants	1
	17-8-19	Data types, operators	1
	19-8-19	Conditional and Control statements	1
	20-8-19	Arrays	1
	22-8-19	functions	1
	26-8-19	Working with forms and Data bases such as MySQL	1
	27-8-19	Revision of unit-4	1
	29-8-19	Unit test-4	1
V	30-8-19	<b>PERL:</b> Introduction to PERL Unit -5	1
	30-8-19	<b>Tutorial</b>	1
	31-8-19	Operators and if statements	1
	3-9-19	Program Design and Control Structures	1
	5-9-19	Arrays and Hashes	1
	6-9-19	File handling	1
	6-9-19	Tutorial	1
	7-9-19	Regular Expressions	1
	9-9-19	Subroutines	1
	12-9-19	Retrieving documents from the web with PERL	1
	13-9-19	Revision of Unit-5	1
	13-9-19	Tutorial	1
	16-9-19	Unit test-5	1
VI	17-9-19	<b>Ruby:</b> Introduction to Ruby -Unit -6	1
	19-9-19	Variables, types, simple I/O statements	1
	20-9-19	Control statements	1
	20-9-19	Tutorial	1
	21-9-19	Arrays and Hashes	1
	23-9-19	Methods, classes	1
	24-9-19	Iterators	1
	26-9-19	Pattern matching	1
	27-9-19	Overview of Rails	1
	27-9-19	Tutorial	1
e v i s i o n	28-9-19	Revision	1
	30-9-19	Revision	1
	1-10-19	Revision	1
	4-10-19	Revision	1
	4-10-19	Tutorial	1
	5-10-19	Revision	1
	7-10-19	Mid-2	1
	8-10-19	Mid-2	1
	10-10-19	Mid-2	1
	10-10-19	Mid-2	1
	11-10-19	Mid-2	1
	12-10-19	Mid-2	1
Mid-2	TOTAL NO.OF HOURS REQUIRED		98

**Text Books:**

1. Programming the World Wide Web, Robet W Sebesta, 7ed, Pearson.
2. Web Technologies, Uttam K Roy, Oxford
3. The Web Warrior Guide to Web Programming, Bai, Ekedahl, Farrell, Gosselin, Zak, Karparhi

**Reference Books:**

1. Ruby on Rails Up and Running, Lightning fast Web development, Bruce Tate, Curt Hibbs,Oreilly (2006)

2. Programming Perl, 4ed, Tom Christiansen, Jonathan Orwant, Oreilly (2012)
3. Web Technologies, HTML< JavaScript, PHP, Java, JSP, XML and AJAX, Black book, Dream Tech
4. An Introduction to Web Design, Programming, Paul S Wang, Sanda S Katila, Cengage
- 5.<http://www.upriss.rg.uk/perl/PerlCourse.html>

Signature of the Faculty

Signature of the HOD