

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR (Established by Govt. of A.P., ACT No.30 of 2008) ANANTHAPURAMU – 515 002 (A.P) INDIA

MASTER OF COMPUTER APPLICATIONS

Course Code	WEB TECHNOLOGIES	L	T	P	C
21F00591		4	0	0	4
<u> </u>	Semester			Ш	
Course Objectives					
 To introdu 	PHP language for server-side scripting				
To introdu	COMML and processing of XML Data with Java				
To introduce	ce Serve)-side programming with Java Servlets and JSP				
	ce Client-side scripting with Javascript and AJAX.				
	(CO): Sudent will be able to				
	ledge of client-side scripting, validation of forms and AJAX prog	ram	ming	ζ.	
 Understand 	l server-side scripting with PHP language			,	
 Understand 	I what is XML and how to parse and use XML Data with Java				
	ce Server-side programming with Java Servlets and JSP				
UNIT - I				Hrs:	
	P: Declaring variables, data types, arrays, strings, operators, expre				
	s, Reading data from well form controls like text boxes, radio but				
	ads. Connecting to database (MySQL as reference), executing sir	nple	que	ries,	
	andling sessions and cookies				
	HP: File operations like opening closing, reading, writing, append	ling	, dele	eting e	etc.
	files, listing directories				
UNIT - II		Le	cture	Hrs:	
HTML Common to	gs- List, Tables, images, forms, France; Cascading Style sheets;				
	to XML, Defining XML tags, their attributes and values, Docum				
	cument Object Model, XHTML Parsing XVL Data – DOM and				ı java.
UNIT - III				Hrs:	
	vlets: Common Gateway Interface (CGt), Life cycle of a Servlet,				
	API, Reading Servlet parameters, Reading Initialization paramet			dling	Http
	ses, Using Cookies and Sessions, connecting to a database using J				
UNIT - IV				Hrs:	
	: The Anatomy of a JSP Page, JSP Processing, Declarations, Dire				
	Snippets, implicit objects, Using Beans in JSP Pages, Using Cool	cies	and s	sessio	n
	g, connecting to database in JSP.				
UNIT - V					
Client-side Scripting: Introduction to JavaScript, JavaScript language – declaring variables, scope of					
-	s. event handlers (on click, on submit etc.), Document Object Mo	iel,	Form	valid	ation.
Text Books:					
 Web Techn 	nologies, Uttam K Roy, Oxford University Press	0	O .		
	ete Reference PHP — Steven Holzner, Tata McGraw-Hil	,	(YA		