



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Code / Name : U15CS516 / XML and Web Services

Class (Year / Programme / Department / Section): III/BE/CSE/A&B

LESSON PLAN

UNIT -1 (INTRODUCTION)				
Session No	Topic	Duration in Minutes	Teaching Aid	Book Referred
1	Role Of XML	45	BB	R2
2	XML and The Web	45	BB	R2
3	XML Language Basics	45	BB	R2
4	SOAP	45	BB	R2
5	Web Services	45	BB	R2
6	Revolutions Of XML	45	BB	R2
7	Service Oriented Architecture (SOA).	45	BB	R2
8	XMLand web services	45	BB	R2
9	SOAP	45	BB	R2
UNIT -2 (XML TECHNOLOGY)				
1	XML	45	BB	R2
2	Name Spaces	45	BB	R2
3	Structuring with DTD	45	BB	R2
4	Structuring With Schemas	45	BB	R2
5	Presentation Techniques	45	BB	R2
6	Transformation	45	BB	R2
7	XML Infrastructure	45	BB	R2
8	Name Spaces	45	BB	R2
9	Presentation techniques	45	BB	R2

UNIT -3 (SOAP)				
1	Overview Of SOAP	45	BB	R1
2	HTTP	45	BB	R1
3	XML	45	BB	R1
4	RPC	45	BB	R1
5	SOAP	45	BB	R1
6	Protocol	45	BB	R1
7	Message Structure	45	BB	R1
8	Intermediaries	45	BB	R3
9	Design Patterns And Faults	45	BB	R3
UNIT -4 (WEB SERVICES)				
1	Overview	45	BB	R1
2	Architecture	45	BB	R1
3	Key Technologies	45	BB	R1
4	UDDI	45	BB	R1
5	WSDL	45	BB	R1
6	ebXML	45	BB	R1
7	SOAP And Web Services In E-com	45	BB	R1
8	Overview Of .NET	45	BB	R1
9	Overview Of J2EE	45	BB	R1
UNIT -5 (XML SECURITY)				
1	Security Overview	45	BB	R1
2	Canonicalization	45	BB	R1
3	XML Security Framework	45	BB	R1
4	XML Encryption	45	BB	R1
5	XML Digital signature	45	BB	R1
6	XKMS Structure	45	BB	R1
7	Guidelines For Signing XML Documents	45	BB	R1

8	XML In Practice	45	BB	R1
9	Canonicalization	45	BB	R1