

SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
COURSE PLAN

SUBJECT NAME	:	INTERNET PROGRAMMING
SUBJECT CODE	:	CS6501
DEGREE / YEAR	:	B.E., CSE / III YEAR/ 'A' Section
BATCH	:	2015-2019
SEMESTER	:	V (2017-18: Odd)
NAME OF THE STAFF	:	Dr. B. Bharathi
DESIGNATION	:	ASSOCIATE PROFESSOR
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(Content Delivery Methods(CDM))	:	Powerpoint presentations\Projector\Use of ICT\Chalk and Blackboard (for all topics), T-Tutorial

Sl.No	Unit No	Topic	CDM	No of Hrs (plan)	No of Hrs (actual)	Remarks
1	UNIT 1 Java Programming	An overview of Java – Data Types – Variables -Arrays – Operators – Control Statements		1		
2		Classes – Objects – Methods, Abstract classes		1		
3		Inheritance		1		
4		Packages		1		
5		Interfaces and Inner classes – Exception handling		2		
6		Introduction to Threads – Multithreading	T	2		
7		String handling – Streams and I/O		1		
8		Applets	T	2		
		Planned Hours		11 (7+2T)		
1	UNIT 2 Websites basics, HTML 5, CSS 3, Web 2.0	Basics-RIA Rich Internet Applications Collaborations tools, Internet technologies Overview		1		
2		Understanding Internet – Difference between websites and web server, Internet and Intranet		1		
3		Paragraphs, Tables		1		
4		Image, Anchor elements		1		
5		Forms, playing media files		1		
6		Form and semantic elements	T	2		
7		Types of style sheets		1		
8		Background, font, text coloring		1		
9		Translation, Rotation	T	2		
10		Transformation, Animation		1		
		Planned Hours		12 (8+2T)		

Sl.No	Unit No	Topic	CDM	No of Hrs (plan)	No of Hrs (actual)	Remarks
1	UNIT 3 Client side and server	An introduction to JavaScript, Regular expression, Validation		2		
2		Event handling		1		
3		Built in objects (Date), Exception handling		1		
4		DHTML with Javascript, DOM		2		

	side programming	Tree structure, Updation in the DOM tree				
5		Java Servlet Architecture- Servlet Life Cycle- Form GET and POST actions		1		
6		Installing and Configuring Apache Tomcat Web Server;- DATABASE CONNECTIVITY: JDBC perspectives, JDBC program example	T	3		
7		Session Handling- Understanding Cookies		1		
8		Session Handling- Hidden form fields		1		
9		Understanding Java Server Pages-JSP Standard Tag Library(JSTL)		1		
10		Creating HTML forms by embedding JSP code	T	3		
		Planned Hours		16 (10+2T)		
1	UNIT 4	PHP- Using PHP- Variables		1		
2	PHP and HTML	Program control- Built-in functions		1		
3		Connecting to Database	T	3		
4		Using Cookies-Regular Expressions		1		
5		Basic XML- Document Type Definition		1		
6		XML Schema DOM and Presenting XML		1		
7		XML Parsers and Validation		1		
8		XSL and XSLT Transformation, News Feed (RSS and ATOM)	T	3		
9		PHP- Using PHP- Variables		1		
10		Program control- Built-in functions		1		
		Planned Hours		14 (8+2T)		
1	UNIT 5	Ajax Client Server Architecture- XML Http Request Object-Call Back Methods;	T	3		
2	Introduction to AJAX and Web Services	SOAP messages, Describing a Web services (WSDL)		2		
3		Introduction- Java web services Basics		1		
4		Creating, Publishing ,Testing the Web Service	T	3		
5		Consuming a web service		1		
6		Database Driven web service from an application	T	2		
		Planned Hours		12 (4+3T)		

Total Number of Syllabus Hours : 60

Total Number of Planned Hours : 65

Prepared by
Dr. B. Bharathi

Verified by
PAC Team

Approved
HOD-CSE