



GANAPATI INSTITUTE OF ENGINEERING AND TECHNOLOGY(POLYTECHNIC)
Mathasahi , Jagatpur , Cuttack - 754200

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LESSONPLAN

Discipline: Computer Science&Engineering	Semester: 5 th ,	NameoftheFaculty:
Subject: InternetandWeb Technology	No.ofDays/week: 04	StartDate: 14.07.2025 EndDate: 15.11.2025

Week	ClassDay	Theory Topics
1st	1st	InternetBasics: Computernetwork
	2nd	ConceptofInternet, Intranet
	3rd	Modem
	4th	IPAddress
2nd	1st	InternetDomains, CIDRNotation
	2nd	ISP, TCP/IP
	3rd	InternetConnectivity&WWW: Introductiontoconnectivity Mediumandmethodsofconnectivity, ISDN, VSAT, RFLink
	4th	WorkingofInternet, IntroductiontoWWW
3rd	1st	Application-LevelProtocol
	2nd	WebBrowser, URL, Hypertext, Hyperlinks, Hypermedia
	3dr	SearchEngine
	4th	Proxyserver, CG
4th	1st	URI, Dreamweaver
	2nd	QuestionAnswerDiscussion
	3dr	QuizTest
	4th	InternetSecurity: Introductiontosecurity, Typesofsecurity
5th	1st	Authentication&Authorization
	2nd	Firewalls
	3rd	Encryption&Decryption, SSL(Cont..)
	4th	Encryption&Decryption, SSL
	1st	QuestionAnswerDiscussion
	2nd	InternetApplication: E-Mail, Emailprotocols

6th	3rd	Telnet,FTP,Newsgroup
	4th	Chartroom,InternetRelayChat,VideoConferencing
7th	1st	E-Commerce
	2nd	QuestionAnswerDiscussion
	3rd	WebsiteClassifications:StaticWebsites,Dynamicwebsites
	4th	Webportals,SocialNetworkingSites
8th	1st	RSSFeed,Blog,Netiquette
	2nd	DevelopmentofPortalsUsingHTML:Designawebpage,GoodWeb Design,HTMLIntroduction
	3rd	HTMLTags
	4th	AnchorTag,TableTag
9th	1st	HTMLFrames
	2nd	HTMLForms,Disadvantagesof HTML
	3rd	Separatingstylefromstructurewithstylesheets
	4th	CSSRules
10th	1st	Typesof CSS
	2nd	Client-sideScriptingwithJavaScript:Introductiontoscript,Client-side Scripting,TypesofScripting,VariablesinJavaScript,Built-inFunction
	3rd	ArraysinJavaScript,Conditionalstatements
	4th	LoopsinJavaScript,DocumentObjectModel
11th	1st	CreatingFunctions,objectsinJavaScript
	2nd	EventhandlinginJavaScript,EmbeddingJavaScriptwithHTML
	3rd	WorkingwithCookies,connectingdatabaseusingJavaScript inHTMLPage,WorkingwithBrowser,validatingandsubmittingForms
	4th	Server-SideScripting:Introductiontoserver-sideScripting, ComponentsofSSS
12th	1st	DifferencebetweenCSSandSSS,Server-sideScriptingmethod
	2nd	JavaScriptonserver
	3rd	SQL
	4th	QuestionAnswerDiscussion
13th	1st	QuizTest
	2nd	Server-SideProgrammingusingPHP:IntroductiontoPHP,Variables
	3rd	string
	4th	operatorotypes
14th	1st	Conditionalstatement

	2nd	Loops
	3rd	Array
	4th	GETandPOSTMethodandSessions
15th	1st	GETandPOSTMethodandSessions(Cont..)
	2nd	QuestionAnswerDiscussion
	3rd	QuestionAnswerDiscussion
	4th	QuestionAnswerDiscussion

Sign of faculty

S.P. Pathan
10.7.25
Sign of Sr. Lect.
Dept. of Computer Science & Engg.

[Signature]
10.7.25
Sign of Principal

Principal
JIET (Polytechnic)
Jagatpur, Cuttack