COURSE FILE

ON

WEB TECHNOLOGIES

Course Code – CS504PC

III B.Tech I-SEMESTER

A.Y.: 2022-2023

Prepared by

Mrs.M.SRUTHI
Assistant Professor

Sri Indu Institute of Engineering & Technology

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Approved by AICTE, New Delhi
Affiliated to JNTUH, Hyderabad.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year	2022-2023
Course Title	WEB TECHNOLOGIES
Course Code	CS504PC
Programme	B.Tech
Year & Semester	III year I-semester
Branch & Section	CSE-A
Regulation	R18
Course Faculty	Mrs. M.SRUTHI, Assistant Professor

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Sri Indu Institute of Engineering & Technology

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INSTITUTE VISION AND MISSION

Vision:

To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

Mission:

IM1: To offer outcome-based education and enhancement of technical and practical skills.

IM2: To continuous assess of teaching-learning process through institute-industry

collaboration..

IM3: To be a centre of excellence for innovative and emerging fields in technology

development with state-of-art facilities to faculty and students fraternity.

IM4: To create an enterprising environment to ensure culture, ethics and social responsibility

among the stakeholders

B. Ratna Kaur
Computer Science & Engg. Dept.
SRI INDU INSTITUTE OF ENGG & TECH.
Sheriguda(V), Ibrahimpatnam(M), R.R.Dist-501 1C.

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
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R.R. Dist. Telangana-501 510.

Main Road, Sheriguda, Ibrahimpatnam, R.R. Dist. 501 510.
Campus Ph: 9640590999, 9347187999, 8096951507.

https://siiet.ac.in

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT VISION AND MISSION

Vision:

To become a prominent knowledge hub for learners, strive for educational excellence with innovative and industrial techniques so as to meet the global needs.

Mission:

DM1 :   To provide ambience that enhances innovations, problem solving skills, leadership qualities, decision making, team-spirit and ethical responsibilities.

DM2 :   To impart quality education with professional and personal ethics, so as to meet the challenging technological needs of the industry and society.

DM3 :   To provide academic infrastructure and develop linkage with the world class organizations to strengthen industry-academia relationships for learners.

DM4 :   To provide and strengthen new concepts of research in the thrust area of Computer Science and Engineering to reach the needs of Government and Society.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: To develop trained graduates with strong academic and technical skills of modern computer science and engineering.

PEO2: To promote trained graduates with leadership qualities and the ability to solve real time problems using current techniques and tools in interdisciplinary environment.

PEO3: To motivate the graduates towards lifelong learning through continuing education and professional development.

PROGRAM SPECIFIC OUTCOMES

PSO1 : **Professional Skills:** To implement computer programs of varying complexity in the areas related to Web Design, Cloud Computing, Network Security and Artificial Intelligence.

PSO2: **Problem-Solving Skills**: To develop quality products using open ended programming environment.

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Sri Indu Institute of
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PROGRAMME OUTCOMES (POs)

PO1:   **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2:   **Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3:   **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4:   **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5:   **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO6:   **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7:   **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8:   **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9:   **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10:   **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11:   **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12:   **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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III YEARISEMESTER

S.No.	Course Code	CourseTitle	L	T	P	Credits
1	CS501PC	FormalLanguages&AutomataTheory	3	0	0	3
2	CS502PC	SoftwareEngineering	3	0	0	3
3	CS503PC	ComputerNetworks	3	0	0	3
4	CS504PC	WebTechnologies	3	0	0	3
5		Professional Elective-I	3	0	0	3
6		ProfessionalElective-II	3	0	0	3
7	CS505PC	SoftwareEngineeringLab	0	0	3	1.5
8	CS506PC	ComputerNetworks&WebTechnologiesLab	0	0	3	1.5
9	EN508HS	AdvancedCommunicationSkillsLab	0	0	2	1
10	*MC510	IntellectualPropertyRights	3	0	0	0
		TotalCredits	**21**	**0**	**8**	**22**

III YEARIISEMESTER

S.No.	Course Code	CourseTitle	L	T	P	Credits
1	CS601PC	Machine Learning	3	1	0	4
2	CS602PC	CompilerDesign	3	1	0	4
3	CS603PC	DesignandAnalysisofAlgorithms	3	1	0	4
4		ProfessionalElective–III	3	0	0	3
5		OpenElective-I	3	0	0	3
6	CS604PC	Machine Learning Lab	0	0	3	1.5
7	CS605PC	CompilerDesignLab	0	0	3	1.5
8		ProfessionalElective-IIILab	0	0	2	1
9	*MC609	EnvironmentalScience	3	0	0	0
		TotalCredits	**18**	**3**	**8**	**22**

CS504PC: WEBTECHNOLOGIES

IIIYearB.Tech.CSEI-Sem

L	T	PC
3	0	0 3

CourseObjectives:
1. Tointroduce PHPlanguageforserver-side scripting
2. TointroduceXMLandprocessing ofXMLDatawithJava
3. Tointroduce Server-sideprogramming withJavaServletsand JSP
4. TointroduceClient-sidescriptingwithJavascript andAJAX.

CourseOutcomes
1. gainknowledgeofclient-sidescripting,validationofformsandAJAXprogramming
2. understandserver-sidescriptingwithPHPlanguage
3. understandwhatisXMLandhowto parseanduse**XML**DatawithJava
4. Tointroduce Server-sideprogramming withJavaServletsand JSP

UNIT-I
Introduction to PHP: Declaring variables, data types, arrays, strings, operators, expressions, controlstructures, functions, Reading data from web form controls like text boxes, radio buttons, lists etc.,Handling File Uploads. Connecting to database (MySQL as reference), executing simple queries,handlingresults,Handling sessionsand cookies
File Handling in PHP: File operations like opening, closing, reading, writing, appending, deleting etc.ontextand binaryfiles,listing directories.

UNIT-II
HTMLCommontags-List,Tables,images,forms,Frames;CascadingStylesheets;
XML: Introduction to XML, Defining XML tags, their attributes and values, Document Type Definition,XMLSchemes,DocumentObjectModel,XHTMLParsing XMLData **–** DOMandSAXParsersinjava.

UNIT-III
Introduction to Servlets: Common Gateway Interface (CGt), Life cycle of a Servlet, deploying aservlet,TheServletAPI,ReadingServletparameters,ReadingInitializationparameters, HandlingHttpRequest& Responses,UsingCookiesandSessions,connectingtoadatabaseusingJDBC.

UNIT-IV
IntroductiontoJSP: TheAnatomyofaJSPPage,JSPProcessing,Declarations,Directives,Expressions, Code Snippets, implicit objects, Using Beans in JSP Pages, Using Cookies and sessionforsession tracking,connecting todatabase in JSP.

UNIT-V
Client-side Scripting: Introduction to Javascript, Javascript language – declaring variables, scope ofvariables,functions.eventhandlers(onclick,onsubmitetc.),DocumentObjectModel,Formvalidation.

TEXTBOOKS:
1. WebTechnologies,UttamKRoy,OxfordUniversityPress
2. TheCompleteReferencePHP—StevenHolzner,TataMcGraw-Hill

REFERENCEBOOKS
1. WebProgramming, buildinginternet applications,ChrisBates2'edition,WileyDreamtech
2. JavaServer Pages—HansBergsten,SPDO'Reilly,
3. JavaScript,D.Flanagan
4. BeginningWebProgramming-JonDuckettWROX.
5. Programmingworldwideweb, R.W.Sebesta,FourthEdition,Pearson.
6. InternetandWorldWideWeb—Howto program.Dieteland Nieto,Pearson

COURSE OUTCOMES

Course: Web Technologies (C314)   **Class: III – CSE-A - Section**

After completing this course the student will be able to:

C314.1   Construct the web applications using HTML language. (Analysis)

C314.2   Explain server side scripting with PHP language. (Comprehension)

C314.3   Identify well formed/valid XML documents. (Synthesis)

C314.4   Develop server side applications using servlets. (Synthesis)

C325.5   Get the knowledge on Java Server Pages. (Knowledge)

C316.6   Evaluate the validation of forms using Java Script and Explain AJAX programming. (Evaluation)

Mapping of course outcomes with program outcomes:
High -3   Medium -2   Low-1

PO/PSO/CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C314.1	2	-	3	-	-	-	-	-	1	-	-	-	-	2
C314.2	-	-	3	-	2	-	-	-	1	-	-	-	2	
C314.3	1	2	3	-	-	-	-	-	-	-	-	-	-	2
C314.4	-	3	2	-	-	-	-	-	-	-	1	-	-	-
C314.5	-	-	3	-	1	-	-	-	-	-	-	2		2
C314.6	-	2	3	-	-	-	-	-	-	-	-	1	2	-
C314	1.5	2.3	2.8	-	1.5	-	-	-	1	-	1	1.5	2	2

COURSE OUTCOMES

CO – PO / PSO Mapping Justification

Course: Web Technologies(C314)   **Class: III – CSE – A - Section**

PROGRAMME OUTCOMES (POs):

PO1   **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2   **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3   **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and

PO5   environmental considerations.

          Modern tool usage: Create, select, and apply appropriate techniques, resources, and

PO9   modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO11 **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

          Project management and finance: Demonstrate knowledge and understanding of the

PO12 engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

          Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES(PSOs):

PSO1 **Professional Skills:** The ability to implement computer programs of varying complexity in the areas related to web design, cloud computing and networking.

PSO2 **Problem-Solving Skills:** The ability to develop quality products using open ended programming environment.

C314.1   Construct the web applications using HTML language. (Analysis)

	Justification
PO3	Recognize and comunicate in the frequently upgarding technologies.
PO1	Gain the knowledge about designing tables, forms, cascading style sheets .
PO9	Students can develop web applications by using basic HTML tags
PSO2	Able to design registration forms, login forms by using HTML

C314.2   Explain server side scripting with PHP language. (Comprehension)

	Justification
PO3	Students develop the server side applications by using PHP
PO5	To develop the PHP applications we use different IDE tools
PO9	Students can develop radio buttons ,operators, file operations etc.
PSO1	Students gain the knowledge of server side scripting and PHP

C314.3   Identify well formed/valid XML documents. (Synthesis)

	Justification
PO3	Design and develop the XML tags with different attributes and XHTML
PO2	Analyze document type definition and XML schemas.
PO1	Student get idea about the XML, schemas and document object model
PSO2	Solve the problems by using the XML documents.

314.4   Develop server side applications using servlets. (Synthesis)

	Justification
PO2	Analyze the deploying servlets and servlets request handling.
PO3	Analyse and develop the solutions for Cookies, sessions and request handling
PO1	Get knowledge about servlets and servlets life cycle and JDBC connections

C314.5 Get the knowledge on Java Server Pages. (Knowledge)

	Justification
PO3	Develop java program using JSP's .
PO12	Gain knowledge about JSP pages, code snippets etc.
PO5	Develop the JSP programs using java Beans and other IDE tools
PSO2	Ability to develop a jsp server pagesby using net beans

C314.6   Evaluate the validation of forms using Java Script and Explain AJAX programming. (Evaluation)

	Justification
PO3	Design forms and validating forms using java script and ajaxs
PO2	Analyze the document object model and their issues.
PO12	Java script support the latest web browsers
PSO1	Gain the knowledge aboutajaxapplocations.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2022-23

B. Tech./B. Pharm. III YEAR I & II SEMESTERS

I SEM

S. No	Description	Duration	
		From	To
1	Commencement of I Semester classwork	**09.09.2022**	
2	1st Spell of Instructions (including Dussehra Recess)	09.09.2022	10.11.2022 (9 Weeks)
3	Dussehra Recess	03.10.2022	08.10.2022 (1 Week)
4	First Mid Term Examinations	11.11.2022	17.11.2022 (1 Week)
5	Submission of First Mid Term Exam Marks to the University on or before	24.11.2022	
6	2nd Spell of Instructions	18.11.2022	12.01.2023 (8 Weeks)
7	Second Mid Term Examinations	16.01.2023	21.01.2023 (1 Week)
8	Preparation Holidays and Practical Examinations	23.01.2023	28.01.2023 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	30.01.2023	
10	End Semester Examinations	30.01.2023	11.02.2023 (2 Weeks)

Note: No. of Working/ instructional days: 92

II SEM

S. No	Description	Duration	
		From	To
1	Commencement of II Semester classwork	**13.02.2023**	
2	1st Spell of Instructions	13.02.2023	08.04.2023 (8 Weeks)
3	First Mid Term Examinations	10.04.2023	15.04.2023 (1 Week)
4	Submission of First Mid Term Exam Marks to the University on or before	22.04.2023	
5	2nd Spell of Instructions (including Summer Vacation)	17.04.2023	24.06.2023 (10 Weeks)
6	**Summer Vacation**	15.05.2023	27.05.2023 (2 Weeks)
7	Second Mid Term Examinations	26.06.2023	01.07.2023 (1 Week)
8	Preparation Holidays and Practical Examinations	03.07.2023	08.07.2023 (1 Week)
9	Submission of Second Mid Term Exam Marks to the University on or before	08.07.2023	
10	End Semester Examinations	10.07.2023	22.07.2023 (2 Weeks)

Note: No. of Working/ instructional days: 90

REGISTRAR

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution under UGC)

Accredited by NAAC with A+ Grade, Recognized under 2(f) of UGC Act 1956

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Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510

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TIME TABLE FOR A.Y 2022-23

Class: III-B. Tech CSE -A **Semester: I** **LH. NO: A-201** **W.E.F:09-09-2022**

Period/ Day	1 9:40-10:30	2 10:30-11:20	3 11:20-12:10	4 12:10-1:00	1:00-1:30	5 1:30-2:20	6 2:20-3:10	7 3:10-4:00
Monday	WT	CN&WT LAB(BATCH-I)/ACS LAB(BATCH-II)			L U N C H	SE	CO-C/SS/DAA	
Tuesday	DDB	PPL	WT	LIB		FLAT	SE	IPR
Wednesday	PPL	COUN	DDB	CN		ACS LAB(BATCH-I) /SE LAB(BATCH-II)		
Thursday	SE	PPL	CN	FLAT		WT	IPR	SPORTS
Friday	CN	SE	FLAT	DDB		PPL	WT	IPR
Saturday	FLAT	CN	WT			CN&WT LAB(BATCH-II)/SE LAB(BATCH-I)		

(T) – Tutorial (concern faculty)

Subject Code	Subject Name	Name of the Faculty	Subject Code	Subject Name	Name of the Faculty
CS501PC	Formal Language & Automata Theory	Mrs.R.Sravanthi	EN508HS	Advanced Communication Skills Lab	Mrs E Prarthana
CS502PC	Software Engineering	Mrs P Sowjanya	MC510	Intellectual Property Rights	Mr Sannala Srinivas
CS503PC	Computer Networks	Dr. Bapathu Gangadhara Obula Reddy		CO-C/SS/DAA/Fundamentals of AI	Mrs.R.Sravanthi
CS504PC	Web Technologies	Mrs.M Sruthi	Sports	Sports	Mr.K.Veera Kishore
CS505PC	Software Engineering Lab	Mrs P Souwjanya / Mrs.R.Sravanthi/ Mr. Jalli Anandarao	Internet	Internet	Mrs P Souwjanya
CS506PC	Computer Networks& Web Technologies Lab	Dr. Bapathu Gangadhara Obula Reddy / Mrs./M.Sruthi	LIB	Library	Mrs.M Sruthi
CS515PE	Principal of Programming languages	Mrs.E.Rupa	COUN	Counselling	Mrs.A.Sudha
CS524PE	Distributed Databases	Mrs.A.Sudha	CS504PC	Web Technologies	Mr M Dattatreya Goud(Adjunct)
Class In-Charge : Mrs P Sowjanya		Mentor 1 : Mrs P Sowjanya		Mentor 2: Mrs.M Sruthi	

Class In-Charge

Computer Science & Engg. Dept.
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PRINCIPAL
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Sheriguda(V), Ibrahimpatnam,
R.R Dist-501 510
PRINCIPAL

Department Computer Science and Engineering
2022-23; 1st semester

Course Title	WEB TECHNOLOGIES
Course Code	CS504PC
Programme	B.Tech
Year & Semester	III-year I-semester
Regulation	R18
Course Faculty	Mrs.M.SRUTHI, Assistant Professor , CSE

LESSON PLAN

S.NO	Unit	TOPIC	Number of Sessions Planned	Teaching method/Aids	REFERENCE
1.		Introduction to HTML	1	Black Board	T1
2.		HTML basic programs	1	Black Board	T1
3.		Introduction to PHP	1	Black Board	T1
4.		Declaring variables in PHP	1	Black Board	T1
5.		Data types and Arrays	1	Black Board	T1
6.		Strings	1	Black Board	T1
7.		Operators in PHP	1	Black Board	T1
8.		Expressions	1	Black Board	T1
9.	1	Control Structures and Functions	1	Black Board	T1
10.		Text boxes, Radio buttons	1	Black Board	T1
11.		Handling file uploads	1	Black Board	T1
12.		Connecting to data base and	1	Black Board	T1

		executing simple queries			
13.		Handling sessions and cookies	1	Black Board	T1
14.		File Handling in PHP Closing, opening, appending	1	Black Board	T1
15.		File Handling in PHP Writing, reading	1	Black Board	T1
16.		Text and Binary files	1	Black Board	T1
17.		Introduction to XML			
18.		Defining XML tags	1	Black Board	T1
19.		XML attributes and values	1	Black Board	T1
20.	2	Document Type Definition	1	Black Board	T1
21.		XML schemas	1	Black Board	T1
22.		Document Object Model	1	Black Board	T1
23.		XHTML	1	Black Board	T1
24.		Parsing XML data	1	Black Board	T1
25.		DOM and SAX parsers in java	1	Black Board	T1
26.		Introduction to servlets	1	Black Board	T1
27.		Common Gateway Interface	1	Black Board	T1
28.		Life cycle of servlet	1	Black Board	T1
29.		Deploying a servlet	1	Black Board	T1
30.		API servlets	1	Black Board	T1
31.		Reading servlets parameters	1	Black Board	T1
32.	3	Reading Initialization parameters	1	Black Board	T1
33.		Handling HTTP resquest and responses	1	Black Board	T1
34.		Servlets using sessions and cookies	1	Black Board	T1
35.		Data base connectivity by using JDBC	1	Black Board	T1
36.		Introduction to JSP	1	Black Board	T1
37.		The anatomy of a JSP page	1	Black Board	T1,R1

38.		JSP processing	1	Black Board	T1
39.		Declarations in JSP	1	Black Board	T1
40.		Directives in JSP	1	Black Board	T1
41.		Expressions in JSP	1	Black Board	T1
42.		Code Snippets	1	Black Board	T1
43.	**4**	Implicit objects	1	Black Board	T1
44.		JSP pages by using netbeans	1	Black Board	T1,R2
45.		JSP cookies and sessions for session tracking	1	Black Board	T1
46.		Data base connectivity by using JSP	1	Black Board	T1
47.		Client side scripting introduction	1	Black Board	T2,R2
48.	**5**	Introduction to java script	1	Black Board	T2
49.		Java script language	1	Black Board	T1
50.		Declaring variables	1	Black Board	T2
51.		Scope of variables	1	Black Board	T2
52.		Functions	1	Black Board	T2
53.		Event handler (onclick, onsubmit etc.)	1	Black Board	T1
54.		Document Object Model	1	Black Board	T1,R1
55.		Form validation	1	Black Board	T1
56.		Simple AJAX application	1	Black Board	T1

TEXT BOOKS:

1. Web Technologies, Uttam K Roy, Oxford University Press
2. The Complete Reference PHP – Steven Holzner, Tata McGraw-Hill

REFERENCE BOOKS:

1. Web Programming, building internet applications, Chris Bates 2nd edition, Wiley Dreamtech
2. Java Server Pages –Hans Bergsten, SPD O'Reilly
3. Java Script, D. Flanagan, O'Reilly,SPD.
4. Beginning Web Programming-Jon Duckett WROX.
5. Programming World Wide Web, R. W. Sebesta, Fourth Edition, Pearson.

WEB REFERENCES

1. https://www.w3schools.com/php/
2. https://www.javatpoint.com/php-tutorial
3. https://www.javatpoint.com/php-programs
4. https://www.techtarget.com/whatis/definition/XML-Extensible-Markup-Language
5. https://www.geeksforgeeks.org/introduction-java-servlets/

LECTURE NOTES

Unit 1 link:

https://drive.google.com/file/d/1e1_7AAMDzdk6r0RmGNvIPDVCfv4eeQdE/view?usp=sharing

Unit 2 link:

https://drive.google.com/file/d/10Vl9phg0BRXAbTXqjQU7fcy9J3VyEI9j/view?usp=sharing

Unit 3 link:
https://drive.google.com/file/d/1Jld_Kp3t0Bk1HrrqI7rRklXx2N49uDF_/view?usp=sharing

Unit 4 link:

https://drive.google.com/file/d/1LmCTp9-esMBh0gFxl2pFbGCxuCcfQVA6/view?usp=sharing

Unit 5 link:
https://drive.google.com/file/d/1yrmSyPK0QvQXGSU42HDBMXKqZ0gygYiA/view?usp=sharing

POWER POINT PRESENTATION

PPT link:

https://drive.google.com/file/d/1XBwqrwFymLlSzNkWl8a1SJXc_3Ed3FBD/view?usp=sharing

JAWAHARLALNEHRUTECHNOLOGICALUNIVERSITYHYDERABAD
B. Tech III Year I Semester Examinations, January/February – 2023
WEBTECHNOLOGIES
(CommontoCSE,CSBS)

Time:3HoursMax.Marks: 75

Note:i) QuestionpaperconsistsofPartA,PartB.
ii) PartAiscompulsory,whichcarries25marks. InPartA,Answer allquestions.
iii) InPartB,Answeranyonequestionfromeachunit.Eachquestioncarries10marksand
mayhavea, b assub questions.

PART–A

(25Marks)

	ListanytwoadvantagesofPHP.	[2]
b)	Explainthe various typesof arrays supported byPHP.	[3]
c)	WhatisXHTML?	[2]
d)	ExplainthefeaturesofXML.	[3]
e)	Enumeratethedifferences between aservletandan Applet.	[2]
f)	Explainthe usesof Servlets.	[3]
g)	Whatis theneed ofJSPpage?	[2]
h)	ExplaintheJSP expression usinganexample.	[3]
i)	Whatis thescopeofvariables injavaScript?	[2]
j)	Explainthe useof "this"operator in JavaScript.	[3]

PART–B

(50Marks)

2.a) Withexample, explainthedifferentcontrolstructures usedin PHP.
 b) Explaintheexecution ofqueries in PHP.   [5+5]
                                    OR
3.   Indetail, explain the various filehandlingoperations in PHP.   [10]

4.a)
        DefineDocumentTypeDefinition(DTD)inXML.Whatisdifferencebetweeninternala
      ndExternal DTD?
 b)   Givean overviewof definingbasic XMLtags.   [5+5]
                                    OR

5.a) Explain the advantages of XML schemas over
 b) DTDs.DifferentiatebetweenDOMandSAXparsersinjav   [5+5]
    a.

6.a) PresentanoverviewoftheservletAPI.
 b) Explainwith suitableexamplehowservlet handle:
    i)HTTPgetrequests   ii)HTTP postrequests.   [5+5]

OR

7.a) Enumeratethedifferences betweensingle threadedandmultithreaded Servletmethod.
 b) Whataresessions?Howdoyou enableanddisablesessionsusingJSP?   [5+5]

8.a) Explainthe anatomyofa JSP page.
 b) Writebrief noteon JSPDeclarations.   [5+5]
                              OR

9.a) Explain the usage of java beans in a JSP
 b) page.Explainhowdatabaseisaccessed   [5+5]
    usingaJSPpage.

10. Explainthe variousoperators anddatatypes available inJavaScript. [10]
                              OR
11.a) Explainthe event handlers in JavaScript.
 b) WriteaJavaScripttocheck whetherthegivenyear(4 digit)isleapyearornot. [5+5]

CodeNo:155DN

JAWAHARLALNEHRUTECHNOLOGICALUNIVERSITY HYDERABAD
B.TechIIIYearISemesterExaminations,February-2022 WEB
TECHNOLOGIES
(ComputerScienceandEngineering)

Time: 3hours   Max.Marks:75

Answer any five questions
Allquestionscarryequalmarks

1.a)   ListandexplainthecontrolstructuresusedinPHP. List
b)   and explain the operators used in PHP.   [7+8]

2.a)   Explainabout the file operationsinPHP. How
b)   to list the directories in PHP?   [7+8]

3.a)   ExplainXMLschemalanguages. Write
b)   a short note on DOM.   [7+8]

4.a)   ExplainindetailhowXMLdataisparsedwithanexample. What is a
b)   'XML Parser'?   [7+8]

5.a)   WhataretheadvantagesofServletsoverCGI.

     b)   Whatis a 'servlet'?Explain thelifecycleof aservlet withan exampleservlet program.

                                                                          [7+8]

6.a)   Demonstratetheuseof cookiesinservletswithanexample. Mention
b)   two web servers that support CGI programming.   [7+8]

7.a)   Describe the anatomy of a JSP page.
b)   Writeainbrief aboutJSPDeclarations.   [7+8]

8.a)   WhatisJavaScript?What arethefeaturesofJavaScript?
b)   WriteaJavaScript to displaywhether given number isaprimeor not.   [7+8]

---ooOoo---

R18

JAWAHARLALNEHRUTECHNOLOGICALUNIVERSITYHYDERABAD

B. Tech III Year I Semester Examinations, August - 2022WEBTECHNOLOGIES

(ComputerScienceandEngineering)

Time:3Hours   Max.Marks: 75

Answer any five questionsAllquestionscarryequalmarks

1.a)   Listandexplaintheadvantagesand disadvantagesofMySQLandPHP.
   b)   ExplainthestepsinvolvedinconnectingtheMYSQLdatabasefromPHP.WriteanexampleP
         HPscriptillustratinghowtoretrieveanddisplayrecordsfromthedatabase.
                                                                                      [7+8]

2.   Explainthe filehandlingin PHP.   [15]

3.a)   Differentiatebetween DTDand XMLscheme withsuitableexample.
   b)   DefineXML.Listand explaintheadvantagesofXML.   [5+10]

4.   ExplaintheDOMand SAXParsersin java.   [15]

5.a)   ExplaintheCommonGatewayInterface.E
   b)   xplaintheLifecycleofaServlet.   [8+7]

6.a)   DescribetheHandlingHTTPRequestand Responses.
   b)   Howcanyouinvokeotherwebresourcessuchas servlets/JSPs?   [8+7]

7.a)   Write a JSP to demonstrate the usage of the page and include
   b)   directives.ExplaintheJSP Processing.   [8+7]

8.a)   HowtoinsertJavaScriptCodewhiledevelopinga
   b)   webapplication?Explain.Explainthis keyword inJavaScript.   [8+7]

---ooOoo---

Sri Indu Institute of Engineering & Technology

Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510

I- Mid Examinations, NOV-2022

Year &Branch: III CSE-A,B& C   Time:60mins

Subject**: Web Technologies**   max marks:10   Date:12-11-2022(AN)

Answer any TWO questions each question carry equal marks2*5=10 marks

1) A) Define html? write a program for registration form and display data in table format?
                                                  Comprehension (C314.1) 3M

B) Difference between GET & POST methods?   **Analysis (C314.2) 2M**

2) Describe Php cookies and php sessions with example code.**Knowledge (C314.2) 5M**

3) Writeshort note on the following.**Knowledge (C314.3) 5M**

a) DTD b) SAX.

4) Explain the life cycle of servlet.   **Comprehension(C314.4) 5M**

QUESTION PAPER MAPPING WITH BT'S
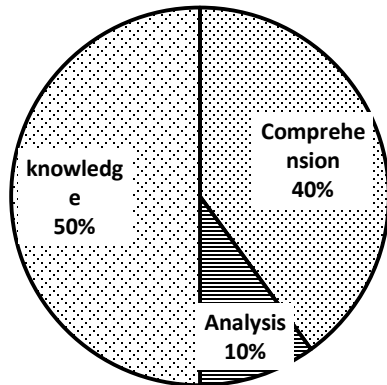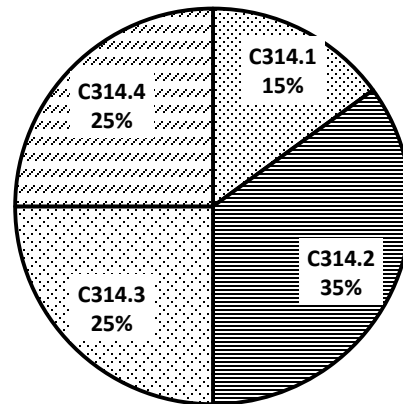
knowledge 50%
Comprehension 40%
Analysis 10%

QUESTION PAPER MAPPING WITH CO'S

C314.1 15%
C314.4 25%
C314.2 35%
C314.3 25%

Sri Indu Institute of Engineering & Technology
Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510
I- Mid Examinations, NOV-2022

Set – II

Year &Branch: III CSE-A,B& C   Time:60mins

Subject: **Web Technologies**   Max Marks:10   Date:12-11-2022(AN)

Answer any TWO questions each question carry equal marks2*5=10 marks

1. A) Define html? write a program for registration form and display data in table

format? **Comprehension (C314.1) 3M**

   B) state various types of arrays supported by PHP. How to declare arrays in PHP
Knowledge (C314.2) 2M

2. Explain about files in PHP.**Comprehension(C314.2) 5M**

3. Write about a) XML schema b) DOM.**Knowledge (C314.3) 5M**

4. Summarize Servlet API.   **Evaluation (C314.4)5M**

QUESTION PAPER MAPPING WITH BT'S
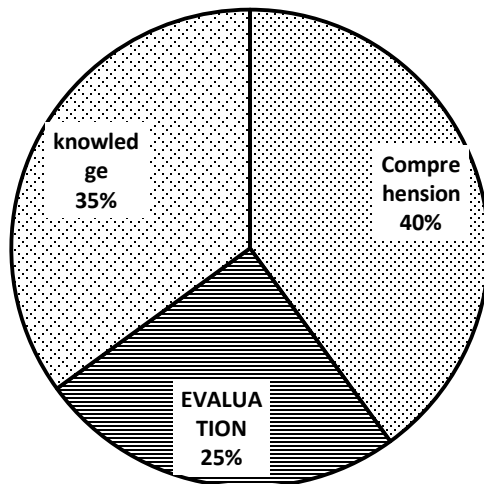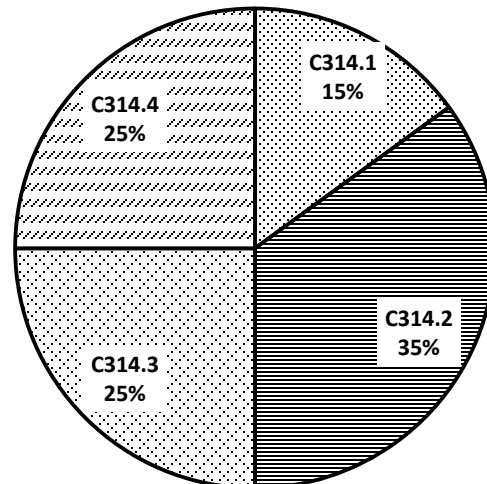
knowledge 35%

Comprehension 40%

EVALUATION 25%

QUESTION PAPER MAPPING WITH CO'S

C314.1 15%

C314.4 25%

C314.2 35%

C314.3 25%

Sri Indu Institute of Engineering & Technology

Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.TECH. III YEAR I SEM I- Mid Term Examinations, Nov-2022

WEB TECHNOLOGIES
OBJECTIVE EXAM

NAME:_____   H.NO:_____

Answer all questions and all questions carry equal marks   Time:20mins   Marks:10

1) PHP supports the following data types: (   )
   a) Strings   b) Integer   c) Array   d) All of the above
2) A cookie is created by using the following function: (   )
   a) Getcookie   b) setcookie   c) getcookie()   d) setcookie()
3) The filesize() function returns the file size in _____   (   )
   a) Bits   b) bytes   c) kilobytes   d) gigabytes
4) The attribute of <form> tag   (   )
   a) Method   b) Action   c) both a & b   d) None of these
5) Markup tags tell the web browser   (   )
   a)How to organise the page   b) how to display the page
   b) How to display message box on page   d) None of these
6) The XML DOM object is   (   )
   a) Entity   b) Entity reference   c) comment reference   d) comment data
7) Parameter entities can appear in..   (   )
   a) XML file   b) DTD file   c) XSL file   d) both a & b
8) Which of the following package contains servlet classes.   (   )
a) javax.servlet b) javax.servlet.http   c) both a & b   d) none of these
9) Which of the function is used to sort an array in descending order   (   )
a)sort()   b)asort()   c)rsort()   d)dsort()
10) Servlet runs each request in_____   (   )
a)jvm   b)jre   c)servlet container   d)Separate Thread

Fill in The Blanks

1) In PHP, _____ is used as concatenation assignment.
2) LAMP stands for _____.
3) Common servers used in PHP are _____ and _____.
4) A _____ is a small file that the server embeds on the user's computer.
5) _____ is used to specify the attribute list of an element in XML file.
6) To complete a servlet program you will place folder in_____directory
7) _____is a formof java program used at the server side.
8) _____is not a xml storage option
9) Parameters entities can appear in_____
10) What type of encoding does xml use_____

Year &Branch: III CSE-A,B& C   Time:60mins

Subject**: Web Technologies**   max marks:10   Date:12-11-2022(AN)

ANSWER KEY

Descriptive paper key link:

SET-1:https://docs.google.com/document/d/12Taj2PgRF2Ki9CxEphlE-leqPwlp80No/edit?usp=sharing&ouid=11332362169971706831&rtpof=true&sd=true

SET2:https://docs.google.com/document/d/1D0ARk1CkQp488FHcXtpGrIq20s2gS4ze/edit?rtpof=true

WEB TECHNOLOGIES
OBJECTIVE KEY

I. Choose the correct alternative:

1. D

2. D

3. B

4. B

5. B

6. B

7. B

8. C

9. C

10. D

Fill in the blanks:

11. .(DOT OPERATOR)

12. Linux, Apache, MySQL and PHP,

13. IIS AND APACHE

14. **Cookie**

15. **Enumeration**

16. **WEB-INF/classes**

17. **ServerSocket**

18. Small object storage

19. DTD file

20. **UTF-8**

Sri Indu Institute of Engineering & Technology
Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510
III Year II ndSemister

II- Mid Examinations, January-2023

Set – I

Year &Branch: III CSE-A,B& C   Time:60mins

Subject**: Web Technologies**   max marks:10   Date:

Answer any TWO questions each question carry equal marks2*5=10 marks

1. Describe how to handling HTTP request and responce.   **(Knowledge)(C314.4) (5M)**

2. Write aboutnetbeans by using jsp page.   **(Knowledge) (C314.5) (5M)**

3. Construct the program for connecting to database using JSP.   **(Synthesis) (C314.5) (5M)**

4. Compare DOM in java script and DOM in XML.   **(Evaluation) (C314.6)   (5M)**

QUESTION PAPER MAPPING WITH BT'S

SYNTHESIS
25%

knowledge
50%

EVALUATION
25%

QUESTION PAPER MAPPING WITH CO'S

C314.6
33%

C314.4
34%

C314.5
33%

Set – II

Year &Branch: III CSE-A,B& C   Time:60mins

Subject**: Web Technologies**   max marks:10   Date:

Answer any TWO questions each question carry equal marks2*5=10 marks

1. Write the usage of cookies and session in servelts with examples.**(Knowledge) (C314.4) (5M)**

2. Explain briefly about JSP Processing.   **(Comprehension) (C314.5)
(5M)**

3. Develop a simple program for event handlers.   **(Synthesis) (C314.6) (5M)**

4. Compare DOM in java script and DOM in XML.   **(Evaluation) (C314.6) (5M)**

QUESTION PAPER MAPPING WITH BT'S

SYNTHESIS 25%

Comprehension 25%

knowledge 25%

EVALUATION 25%

QUESTION PAPER MAPPING WITH CO'S

C314.4 25%

C314.6 50%

C314.5 25%
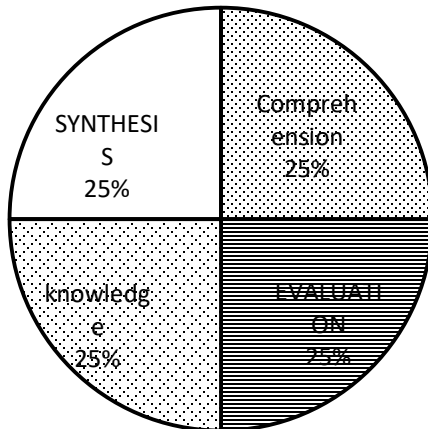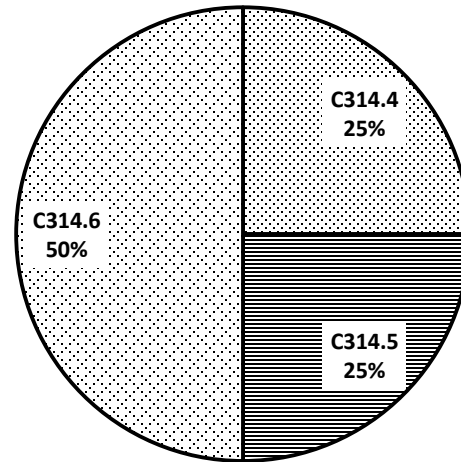
Sri Indu Institute of Engineering & Technology

Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

B.TECH. III YEAR I SEM II- Mid Term Examinations, Jan-2023

WEB TECHNOLOGIES

OBJECTIVE EXAM

NAME:_____   HT.NO:_____

Time: 30mins   **10*1/2=5 Marks**

Answer the following multiple choice Questions
All Questions Carry Equal marks

8) Which JDBC driver types can be used in either applet or servlet code   (   )

   b) Both type 1 and type 2   b) Both type 1 and type 3

   c) Both type 3 and type 4   d) Type 4 only

9) Which is not a Directive   (   )

   b) include   b) pagec) export   d)UseBean

10) Which HTTP method send by browser that ask the server to get data   (   )

   b) get   b) post   c) option   d) put

11) In JSP page directive, which attribute defines the MIME type of HTTP response   (   )

   c) import   b) information   c) extends   d) ContenType

12) What is the initial contact point for handling a web request in a Page-Centric architecture

   (a) A jsp page   b) A java bean c) A servlet   d) A seesion manager   (   )

13) Thenodes in HTML are   (   )

   b) Subclass nodes   b) HTML nodes   c) window nodes   d) element nodes

14) Analog the following which one is ternary operator.   (   )

   a) +   b) :   c) -   d) ?

8) javascript code can be called using   ()

   a) triggering event   b) preprocess c) function   d) all of the above

9) Which is mandatory in tag   (   )

a)id,classb)id,typec)type,property   d)type,id

10) integer variable is declared using following syntax in Javascript   (   )

   a) int num;   b) Integer num;   c) var num;   d) integer num;

Fill In The Blanks   (10*1/2=5 Marks)

11) _____ object is created by the web container at the time of deploying the project.

12) What is the HTML tag under which one can write the java script code_____

13) _____ Tag is used for bean development in jsp.

14) In JSP EL stands for_____ .

15) _____ directive is used in jsp custom tags.

16) JSP page processed on_____

17) Predict the output of the following JavaScript code

    <script type="text/Java script"

    Var x=5;   var y=6;

    Var res=eval("x*y");

    Document.write(res);

    </Script>

18) _____operator is used to test a particular property exists or not?.

19) Javascript entities start with _____and ends with_____

20) _____ tag is an extension to HTML that can enclose any number of JavaScript statements.

Sri Indu Institute of Engineering & Technology

Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510

II- Mid Examinations, jan-2023

Year &Branch: III CSE-A,B& C   Time:60mins
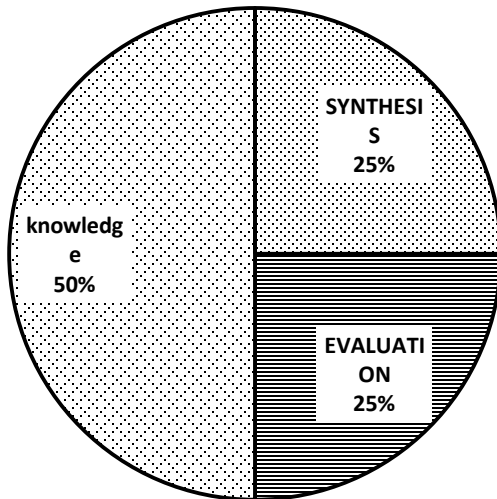
Subject**: Web Technologies**   max marks:10   Date:
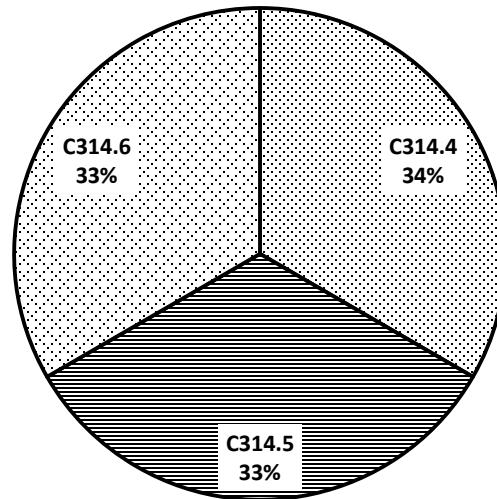
ANSWER KEY

Descriptive paper key link:

SET-1:https://docs.google.com/document/u/1/d/1vYE7jQ3FuuiIJSNoaV99keGGJZ47o9bu/edit?usp=drive_web&ouid=113323621699717066831&rtpof=true

 SET-2:https://docs.google.com/document/u/1/d/1nD8YGVIb7rIvuLfA7PcpUL1lvoU6GEVB/edit?usp=drive_web&ouid=113323621699717066831&rtpof=true

WEB TECHNOLOGIES
OBJECTIVE KEY

I. Choose the correct alternative:

1.C

2.C

3.a

4.d

5.a

6.b

7.d

8.c

9.a

10.c

Fill in the blanks:

11.ServletContext

12.<Script>

13. jsp:useBean, jsp:setProperty and jsp:getProperty

14.Expression Language

15.The taglib directive

16.Web server

17.30

18.in

19.Ampersand, semicolon

20.< SCRIPT >

ASSIGNMENT- 1   **SUBJECT: WEB TECHNOLOGIES**

1. Write a HTML program to display the personal data. (Min. 6 rows). **(Knowledge)(C314.1)**

2. Describe PHP sessions and cookies. **(Knowledge) (C314.2)**

3. Explain PHP functions with examples. **(Comprehension) (C314.2)**

4. Explain XML attributes and values with sample program. **(Comprehension) (C314.3)**

5. Summarize servlet API. **(Evaluation) (C314.4)**

SUBJECT: WEB TECHNOLOGIES

ASSIGNMENT- 1 KEY LINK :
https://drive.google.com/file/d/1sdl4mi4jt4Ihomjd2ddbbLlNLs33qGIa/view?usp=sharing

ASSIGNMENT- 2   **SUBJECTS: WEB TECHNOLOGIES**

1. Write about cookies and sessions in servlets. **(Knowledge) (C314.4)**

2. Explain JSP declarations and JSP directives. . **(Comprehension)(C314.5)**

3. Explain about Netbeans by using JSP. . **(Comprehension)(C314.5)**

4. Write about a)AJAX b)Functions. **(Knowledge) (C314.6)**

5. Develop a simple program for DOM and Form Validation.**(Synthesis) (C314.6)**

SUBJECT: WEB TECHNOLOGIES

ASSIGNMENT- 2 KEY LINK :
https://drive.google.com/file/d/1FnA2nShfM4kAEpdpscVfe4YXdG_V7qwE/view?usp=sharing

Course Title	WEB TECHNOLOGIES
Course Code	CS504PC
Programme	B.Tech
Year & Semester	IIIyear I-semester, A sec
Regulation	R18
Course Faculty	Mrs.M.SRUTHI, Assistant Professor , CSE

Weak Students:

S No	Roll no	No of backlogs	Internal-I Status	Internal-II Status
1	20X31A0503	5	15	16
2	20X31A0507	4	18	18
3	20X31A0511	5	14	14
4	20X31A0530	4	16	15
5	20X31A0531	3	21	20
6	2031A0532	4	18	18
7	20X31A0533	5	17	18
8	20X31A0541	3	18	17
9	20X31A0550	3	22	22
10	20X31A0556	4	19	19
11	20X31A0558	4	15	15
12	20X31A0559	3	20	19
13	21X35A0504	4	18	18

Advanced learners:

S No	Roll No	Gate Material
1	20X31A0502	
2	20X31A0504	

3	20X31A0515	Servlets, JSP, Netbeans, Cookies, Sessions,Phptags, JavaScript, html Tags, xml tags Dom, SAX,CSS styles
4	20X31A0523	
5	20X31A0529	
6	20X31A0537	
7	20X31A0539	
8	20X31A0542	
9	20X31A0543	
10	20X31A0544	
11	20X31A0545	
12	20X31A0555	
13	20X31A0560	
14	21X35A0503	

BATCH CSE-III BTECH I SEM CSE-A RESULT ANALYSIS

ACADAMIC YEAR	COURSE NAME	NUMBER OF STUDENTS		QUESTION PAPER SETTING		PASS%
		APPEARED	PASSED	INTERNAL	EXTERNAL	
2022-23	WEB TECHNOLOGIES	63	43	COURSE FACULTY	JNTUH	68.25%
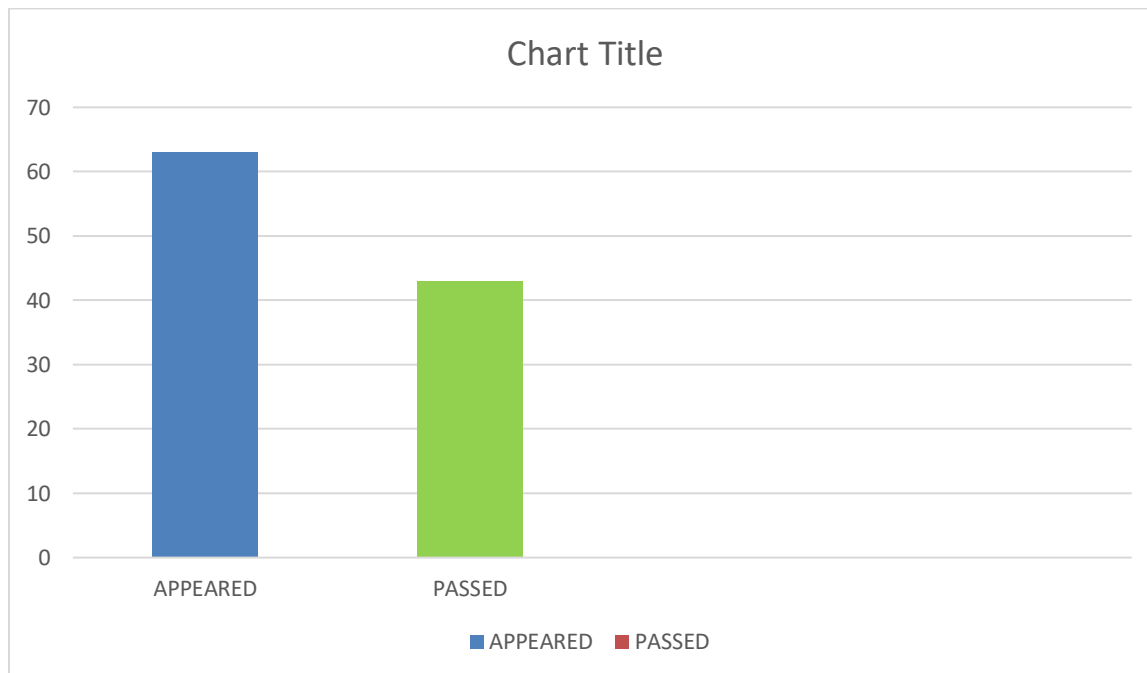
Chart Title

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution under UGC)
Accredited by NAAC with A+ Grade, Recognized under 2(f) of UGC Act 1956
(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)
Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510
Website: https://siiet.ac.in/

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

REMEDIAL CLASSES TIME TABLE

A.Y 2022-23   **SEMESTER-I**

BRANCH/ SEC	MON 4.00 PM-5.00 PM	TUE 4.00 PM-5.00 PM	WED 4.00 PM-5.00 PM	THUR 4.00 PM-5.00 PM	FRI 4.00 PM-5.00 PM
II CSE-A	A&DE	DS	C++	COA	COSM
II CSE-B	DS	A&DE	COSM	C++	COA
II CSE-C	COSM	COA	A&DE	DS	C++
III CSE-A	SE	FLAT	CN	WT	PPL
III CSE-B	WT	CN	SE	PPL	FLAT
III CSE-C	FLAT	WT	PPL	CN	SE
IVCSE-A	C&NS	DM	CC	POE	RTS
IV CSE-B	CC	RTS	C&NS	DM	POE
IV CSE-C	RTS	CC	POE	C&NS	DM

HOD
Computer Science & Engg. Dept.
SRI INDU INSTITUTE OF ENGG & TECH.
Sheriguda(V), Ibrahimpatnam(M), R.R.Dist-501 10.

PRINCIPAL
PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(Vill), Ibrahimpatnam
R.R.Dist Telangana -501 510

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Computer Science and Engineering

Course Outcome Attainment (Internal Examination-1)

Name of the faculty: M.SRUTHI Academic Year: 2022-23

Branch & Section: CSE- A Examination: I Internal

Course Name: WEB TECHNOLOGIES Year: III Semester I

S.No	HT No.	Q1a	Q1b	Q1c	Q2a	Q2b	Q2C	Q3a	Q3b	Q3c	Q4a	Q4b	Q4c	Obj1	A1
Max. Marks ==>		3	2		5			5			5			10	5
1	20X31A0501	3	2								4			8	5
2	20X31A0502	3	2								5			9	5
3	20X31A0503	2	1											7	5
4	20X31A0504	3	2								4			9	5
5	20X31A0506	2	2								3			8	5
6	20X31A0507	3	2											8	5
7	20X31A0508	3	2								4			8	5
8	20X31A0509	3	2								3			8	5
9	20X31A0510	2	1								1			8	5
10	20X31A0511	0									0			9	5
11	20X31A0512	3	2								3			8	5
12	20X31A0513	3	1								2			8	5
13	20X31A0514	3	1								3			8	5
14	20X31A0515	3	2								5			7	5
15	20X31A0516	3	2								3			8	5
16	20X31A0517	3	2								3			7	5
17	20X31A0518	3	2								4			8	5
18	20X31A0519	2	2								4			7	5
19	20X31A0520	1	1								1			7	5
20	20X31A0521	2	2								2			8	5
21	20X31A0522	3	2								2			8	5
22	20X31A0523	3	2								5			10	5
23	20X31A0524	3	1								3			8	5
24	20X31A0525	3	2								5			9	5
25	20X31A0526	2	1											8	5
26	20X31A0527	2	1								1			7	5
27	20X31A0528	3	1											8	5
28	20X31A0529	3	2								4			8	5
29	20X31A0530	2	0								1			8	5
30	20X31A0531	2	2								4			8	5
31	20X31A0532	2	1								3			7	5
32	20X31A0533	2	2								0			8	5
33	20X31A0534	3	2								5			10	5
34	20X31A0535	3	2								4			10	5
35	20X31A0536	2	2								4			9	5
36	20X31A0537	3	2								4			9	5
37	20X31A0538	3	2								4			9	5
38	20X31A0539	3	2								5			10	5
39	20X31A0540	3	2								4			7	5
40	20X31A0541	2	2								1			8	5

#	Roll No														
41	20X31A0542	3	2								3			8	5
42	20X31A0543	3	2								5			10	5
43	20X31A0544	3	2								5			9	5
44	20X31A0545	3	2								5			8	5
45	20X31A0546	3	2								1			8	5
46	20X31A0547	3	2								3			8	5
47	20X31A0548	3	2								4			8	5
48	20X31A0549	3	2								3			8	5
49	20X31A0550	3	2								4			8	5
50	20X31A0551	3	2								5			9	5
51	20X31A0552	3	2								5			9	5
52	20X31A0553	3	2								4			7	5
53	20X31A0554	1	2								3			7	5
54	20X31A0555	2	2								4			8	5
55	20X31A0556	3	2								1			8	5
56	20X31A0557	3	2								4			9	5
57	20X31A0558	1	2											7	5
58	20X31A0559	3	2								2			8	5
59	20X31A0560	3	2					5						10	5
60	21X35A0501	3	2								4			8	5
61	21X35A0502	3	2								3			10	5
62	21X35A0503	3	2								4			10	5
63	21X35A0504	2	2								1			8	5
Target set by the faculty / HoD		1.80	1.20	0.00	3.00	0.00	0.00	3.00	0.00	0.00	3.00	0.00	0.00	6.00	3.00
Number of students performed above the target		59	51	0	0	0	0	1	0	0	43	0	0	63	63
Number of students attempted		63	62	0	0	0	0	1	0	0	57	0	0	63	63
Percentage of students scored more than target		94%	82%					100%			75%			100%	100%

CO Mapping with Exam Questions:

CO - 1	Y												Y	Y
CO - 2		Y		Y									Y	Y
CO - 3							Y						Y	Y
CO - 4										Y				
CO - 5														
CO - 6														

CO Attainment based on Exam Questions:

CO - 1	94%												100%	100%
CO - 2		82%											100%	100%
CO - 3													100%	100%
CO - 4										75%				

CO - 5												
CO - 6												

CO	Subj	obj		Asgn	Overall		Level
CO-1	94%	100%		100%	98%		3.00
CO-2	82%	100%		100%	94%		3.00
CO-3		100%		100%	100%		3.00
CO-4	75%				75%		3.00
CO-5							
CO-6							

Attainment Level		
1	40%	
2	50%	
3	60%	

Attainment (Internal 1 Examination) =   **3.00**

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering
Course Outcome Attainment (Internal Examination-2)

Name of the faculty M.SRUTHI   Academic Year: 2022-23

Branch & Section: CSE- A   Examination: II Internal

Course Name: WEB TECHNOLOGIES   Year: III   Semester: I

S.No	HT No.	Q1a	Q1b	Q1c	Q2a	Q2b	Q2c	Q3a	Q3b	Q3c	Q4a	Q4b	Q4c	Obj4	A4
	Max. Marks ==>	5			5			5			5			10	5
1	20X31A0501							3			5			8	5
2	20X31A0502							5			5			9	5
3	20X31A0503										4			7	5
4	20X31A0504	4									5			7	5
6	20X31A0506										4			10	5
7	20X31A0507	3									3			7	5
8	20X31A0508	4									4			8	5
9	20X31A0509	4									4			7	5
10	20X31A0510	2									3			7	5
11	20X31A0511				1									8	5
12	20X31A0512	5									3			7	5
13	20X31A0513	4									4			8	5
14	20X31A0514	4									3			7	5
15	20X31A0515				4						5			7	5
16	20X31A0516				4						4			8	5
17	20X31A0517	4									4			7	5
18	20X31A0518	4			5									7	5
19	20X31A0519							4			3			8	5
20	20X31A0520	2									2			8	5
21	20X31A0521	4									2			7	5
22	20X31A0522				4						4			7	5
23	20X31A0523				5						5			9	5
24	20X31A0524	2									2			10	5
25	20X31A0525				4						5			8	5
26	20X31A0526	2									1			7	5
27	20X31A0527	2									2			7	5
28	20X31A0528				3						2			5	5
29	20X31A0529							4			5			7	5
30	20X31A0530	3									0			7	5
31	20X31A0531	4									4			7	5
32	20X31A0532	5												8	5
33	20X31A0533										5			8	5
34	20X31A0534	5									5			8	5
35	20X31A0535	5									5			9	5
36	20X31A0536	4									5			8	5
37	20X31A0537				5						4			9	5
38	20X31A0538				4						5			9	5
39	20X31A0539	5									5			10	5
40	20X31A0540	4									4			8	5
41	20X31A0541	5									2			5	5
42	20X31A0542	5			4									8	5
43	20X31A0543				5						5			9	5
44	20X31A0544							5			5			10	5
45	20X31A0545				5						5			8	5

S.No	Roll No	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
46	20X31A0546	5												8	5
47	20X31A0547	4			3									7	5
48	20X31A0548				2			3						10	5
49	20X31A0549							3			5			8	5
50	20X31A0550				4						5			8	5
51	20X31A0551	5									5			8	5
52	20X31A0552	4									5			9	5
53	20X31A0553				5			4						8	5
54	20X31A0554										3			10	5
55	20X31A0555				3						5			8	5
56	20X31A0556										5			9	5
57	20X31A0557							4			5			8	5
58	20X31A0558										0			10	5
59	20X31A0559				2			5						7	5
60	20X31A0560				5			5						10	5
61	21X35A0501	4									4			7	5
62	21X35A0502													9	5
63	21X35A0503													9	5
64	21X35A0504													8	5
Target set by the faculty / HoD		3.00	0.00	0.00	3.00	0.00	0.00	3.00	0.00	0.00	3.00	0.00	0.00	6.00	3.00
Number of students performed above the target		25	0	0	17	0	0	11	0	0	41	0	0	61	63
Number of students attempted		30	0	0	20	0	0	11	0	0	50	0	0	63	63
Percentage of students scored more than target		83%			85%			100%			82%			97%	100%

CO Mapping with Exam Questions:

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
CO - 1														
CO - 2														
CO - 3														
CO - 4	Y												Y	Y
CO - 5				Y			Y						Y	Y
CO - 6										Y			Y	Y

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
% Students Scored >Target %	83%			85%			100%			82%			97%	100%

CO Attainment based on Exam Questions:

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
CO - 1														
CO - 2														
CO - 3														
CO - 4	83%												97%	100%
CO - 5				85%			100%						97%	100%
CO - 6										82%			97%	100%

CO	Subj	obj		Asgn	Overall	Level
CO-1						
CO-2						
CO-3						
CO-4	83%	97%		100%	93%	3.00
CO-5	93%	97%		100%	96%	3.00
CO-6	82%	97%		100%	93%	3.00

Attainment Level		
1	40%	
2	50%	
3	60%	

Attainment (Internal Examination-2) =   3.00

RI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Computer Science and Engineering
Course Outcome Attainment (University Examinations)

Name of the faculty : M.SRUTHI   Academic Year: 2022-23
Branch & Section: CSE- A   Year / Semester: III /
Course Name: WEB TECHNOLOGIES

S.No	Roll Number	Marks Secured		S.No	Roll Number	Marks Secured
1	20X31A0501	29		36	20X31A0537	30
2	20X31A0502	35		37	20X31A0538	26
3	20X31A0503	1		38	20X31A0539	34
4	20X31A0504	29		39	20X31A0540	33
5	20X31A0506	10		40	20X31A0541	27
6	20X31A0507	2		41	20X31A0542	36
7	20X31A0508	17		42	20X31A0543	26
8	20X31A0509	26		43	20X31A0544	42
9	20X31A0510	26		44	20X31A0545	26
10	20X31A0511	4		45	20X31A0546	26
11	20X31A0512	26		46	20X31A0547	33
12	20X31A0513	35		47	20X31A0548	29
13	20X31A0514	26		48	20X31A0549	28
14	20X31A0515	28		49	20X31A0550	33
15	20X31A0516	38		50	20X31A0551	39
16	20X31A0517	19		51	20X31A0552	35
17	20X31A0518	26		52	20X31A0553	26
18	20X31A0519	28		53	20X31A0554	16
19	20X31A0520	11		54	20X31A0555	37
20	20X31A0521	17		55	20X31A0556	19
21	20X31A0522	26		56	20X31A0557	17
22	20X31A0523	39		57	20X31A0558	1
23	20X31A0524	5		58	20X31A0559	16
24	20X31A0525	26		59	20X31A0560	27
25	20X31A0526	2		60	21X35A0501	35
26	20X31A0527	14		61	21X35A0502	28
27	20X31A0528	26		62	21X35A0503	50
28	20X31A0529	30		63	21X35A0504	30
29	20X31A0530	13				
30	20X31A0531	5				
31	20X31A0532	19				
32	20X31A0533	2				
33	20X31A0534	27				
34	20X31A0535	26				
35	20X31A0536	26				

Max Marks	75

Class Average mark	24
Number of students performed above the target	42
Number of successful students	62

Attainment Level	% students
1	40%
2	50%

Percentage of students scored more than target	68%
Attainment level	**3**

3	60%

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Computer Science and Engineering
Course Outcome Attainment

Name of the faculty M.SRUTHI   Academic Year 2022-23
Branch & Section: CSE- A   Examination: I Internal
Course Name: WEB TECHNOLOGIES   Year: III
                                                Semester: I

Course Outcomes	1st Internal Exam	2nd Internal Exam	Internal Exam	University Exam	Attainment Level
CO1	3.00		3.00	3.00	3.00
CO2	3.00		3.00	3.00	3.00
CO3	3.00		3.00	3.00	3.00
CO4	3.00	3.00	3.00	3.00	3.00
CO5		3.00	3.00	3.00	3.00
CO6		3.00	3.00	3.00	3.00
Internal & University Attainment:			3.00	3.00	
Weightage			25%	75%	
CO Attainment for the course (Internal, University)			0.75	2.25	
CO Attainment for the course (Direct Method)			3.00		

Overall course attainment level   **3.00**

Name of Faculty:	M.SRUTHI	Academic Year: 2022-23
Branch & Section:	CSE- A	Year: III
Course Name:	WEB TECHNOLOGIES	Semester: I

CO-PO mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2		3						1					2
CO2			3		2				1				2	
CO3	1	2	3											2
CO4		3	2								1			
CO5			3		1			2				2		2
CO6		2	3									1	2	
Course	**1.50**	2	**2.83**	**0.00**	**1.50**	**0.00**	**0.00**	**2.00**	**1.00**	**0.00**	**1.00**	**1.50**	**2.00**	**2.00**

CO	Course Outcome Attainment
CO1	3.00
CO2	3.00
CO3	3.00
CO4	3.00
CO5	3.00
CO6	3.00
Overall course attainment level	**3.00**

PO-ATTAINMENT

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PSO2
CO Attainment	1.50	2.33	2.83	0.00	1.50	0.00	0.00	2.00	1.00	0.00	1.00	1.50	2.00	2.00

CO contribution to PO - 33%, 67%, 100% (Level 1/2/3)

Attendance Register Link:

https://drive.google.com/file/d/1v2ybf0clS20S5kWkTmHZI2Oppu_zP_yz/view?usp=sharing