

ACA/D1/15	Teaching Plan(A.Y. 2023-2024)	Academic Year :- 2023-2024
REV:00	Subject:- Information Technology	Subject Code :- 97
Date :-17 /04/2023		Class :- 12 Sci A, B

Lesson No.	Name Of The Chapter	Topics / Content of Chapter	Planned Date of Commencing	Planned Date of Completion	Teaching Aid/Teaching Method Used
1	Advanced Web Designing	Syllabus Introduction , Question paper pattern	18/04/2023	18/04/2023	PPT's, Whiteboard,marker
		Form Tag & attribute Revision	19/04/2023	19/04/2023	PPT's, Whiteboard,marker
		HTML5 advanced <input> elements,Input Restrictions	19/04/2023	19/04/2023	PPT's, Whiteboard,marker
		Program using form tag	21/04/2023	21/04/2023	Practical Lab
		Metatag,with attributes,Example	25/04/2023	25/04/2023	PPT's, Whiteboard,marker
		Cascading Style Sheets in HTML5	26/04/2023	26/04/2023	PPT's, Whiteboard,marker
		Previous year Exam Program	28/04/2023	28/04/2023	Practical Lab
		CSS Properties	2/5/2023	2/5/2023	PPT's, Whiteboard,marker
		Programs related with Input Element and CSS, Types of CSS: Intenal CSS	3/5/2023	3/5/2023	PPT's, Whiteboard,marker
		Inline CSS, External CSS	9/5/2023	9/5/2023	PPT's, Whiteboard,marker
		CSS Id Selector, Example, CSS class Selector,Example	10/5/2023	10/5/2023	PPT's, Whiteboard,marker

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1	Advanced Web Designing	Program using CSS & Form tag	12/5/2023	12/5/2023	Practical Lab
		CSS class Selector	13/05/2023	13/05/2023	PPT's, Whiteboard,marker
		Board program using CSS	19/05/2023	19/05/2023	Practical Lab
		Group selector,Universal Selector	6/6/2023	6/6/2023	PPT's, Whiteboard,marker
		Positioning in CSS	7/6/2023	7/6/2023	PPT's, Whiteboard,marker
		SOP 1	9/6/2023	9/6/2023	Practical Lab
		Programs related with Selector , Positioning in CSS	10/6/2023	10/6/2023	PPT's, Whiteboard,marker
		Float Property ,Example,Display Property,Example	13/06/2023	13/06/2023	PPT's, Whiteboard,marker
		Ordered list or numbered list,Attributes,Example	14/06/2023	14/06/2023	PPT's, Whiteboard,marker
		Programs related with List, Property, SOP1	16/06/2023	16/06/2023	Practical Lab
		Unordered list or bulleted list ,Example, Definition List, Nested List	14/06/2023	14/06/2023	PPT's, Whiteboard,marker
		Inserting audio and video in HTML 5,	20/06/2023	20/06/2023	PPT's, Whiteboard,marker
		SOP 2	23/06/2023	23/06/2023	Practical Lab
		Image map in HTML 5, Inline Frame in HTML5	21/06/2023	21/06/2023	PPT's, Whiteboard,marker
		Website Hosting, Exercise, Revision on Lesson 1	27/06/2023	27/06/2023	PPT's, Whiteboard,marker
		Class test (Lesson 1)	28/06/2023	28/06/2023	Class Room
3	Advanced Javascript	Revision of Basic concepts of Javascript	8/7/2023	8/7/2023	PPT's, Whiteboard,marker
		Features of JavaScript, difference between client side scripting and server side scripting	11/7/2023	11/7/2023	PPT's, Whiteboard,marker

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3	Advanced Javascript	Switch case with examples	12/7/2023	12/7/2023	PPT's, Whiteboard,marker
		SOP 3, SOP 4	14/7/2023	14/7/2023	Practical Lab
		Looping Statement :For loop	18/07/2023	18/07/2023	PPT's, Whiteboard,marker
		Break and continue statement, While Loop	19/07/2023	19/07/2023	PPT's, Whiteboard,marker
		Objects in Javascript,program related with loop	19/07/2023	19/07/2023	PPT's, Whiteboard,marker
		SOP 5, SOP 6	21/07/2023	21/07/2023	Practical Lab
		DOM (Document Object Model) :	22/07/2023	22/07/2023	PPT's, Whiteboard,marker
		Window Object,Programs	25/07/2023	25/07/2023	PPT's, Whiteboard,marker
		JavaScript Event,with examples	26/07/2023	26/07/2023	PPT's, Whiteboard,marker
		JavaScript Built-in Objects: Math object	26/07/2023	26/07/2023	PPT's, Whiteboard,marker
		Program related with Events & Window	28/07/2023	28/07/2023	Practical Lab
		Date object,Number object	1/8/2023	1/8/2023	PPT's, Whiteboard,marker
		String, Number Object, Array Object	2/8/2023	2/8/2023	PPT's, Whiteboard,marker
		Programs related with Object, SOP 7	4/8/2023	4/8/2023	Practical Lab
		Validation program in JavaScript	8/8/2023	8/8/2023	PPT's, Whiteboard,marker
		Revision,Excercise solution discussion	9/8/2023	9/8/2023	PPT's, Whiteboard,marker
		Class Test(Lesson No. 3)	11/8/2023	11/8/2023	Class Room

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6	E-commerce & E-Governance	Definition of E-Commerce	12/8/2023	12/8/2023	PPT's, Whiteboard,marker
		Difference between Traditional Commerce and E-Commerce	16/08/2023	16/08/2023	PPT's, Whiteboard,marker
		Advantages and Disadvantages of E-commerce	18/08/2023	18/08/2023	PPT's, Whiteboard,marker
		Types of E-commerce	22/08/2023	22/08/2023	PPT's, Whiteboard,marker
		E-Commerce Trade cycle.	23/08/2023	23/08/2023	PPT's, Whiteboard,marker
		SOP 8 (Based on Javascript)	25/08/2023	25/08/2023	Practical Lab
		Various Payment modes.	26/08/2023	26/08/2023	PPT's, Whiteboard,marker
		Forms of E-commerce, technologies of E-commerce- EDI, concept of Digital India	29/8/2023	29/8/2023	PPT's, Whiteboard,marker
		SOP 8 (Based on Javascript)	1/9/2023	1/9/2023	Practical Lab
		SOP 9(Based on Javascript)	1/9/2023	1/9/2023	Practical Lab
		E-Governance and its types G2C,G2B,G2G,G2E	5/9/2023	5/9/2023	PPT's, Whiteboard,marker
		SOP 9(Based on Javascript)	15/09/2023	15/09/2023	Practical Lab
		SOP 9 cont..	15/09/2023	15/09/2023	Practical Lab
		Security Measures in E-commerce	20/09/2023	20/09/2023	PPT's, Whiteboard,marker
		Excercise6 solution discussion, Revision	20/09/2023	20/09/2023	PPT's, Whiteboard,marker
		Revision SOP 1 To 5	22/09/2023	22/09/2023	Practical Lab
		Class Test (Lesson No. 6)	26/09/2023	26/09/2023	Class Room

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5	Server-Side Scripting (PHP)	Indroduction to PHP,Features of PHP	27/09/2023	27/09/2023	PPT's, Whiteboard,marker
		PHP framework,First sample code of PHP,Steps to execute PHP	27/09/2023	27/09/2023	PPT's, Whiteboard,marker
		SOP 10	29/09/2023	29/09/2023	Practical Lab
		PHP case sensitivity	30/09/2023	30/09/2023	PPT's, Whiteboard,marker
		PHP Variables :-Rules to declare variables,variable scope with example	3/10/2023	3/10/2023	PPT's, Whiteboard,marker
		PHP datatypes,Comments in PHP	4/10/2023	4/10/2023	PPT's, Whiteboard,marker
		Program Based on PHP	6/10/2023	6/10/2023	Practical Lab
		Control statements in PHP: if,if else with examples	10/10/2023	10/10/2023	PPT's, Whiteboard,marker
		SOP 10	13/10/2023	13/10/2023	Practical Lab
		Loop Structure in PHP :for with examples Foreach with example	17/10/2023	17/10/2023	PPT's, Whiteboard,marker
		foreach with examples	18/10/2023	18/10/2023	PPT's, Whiteboard,marker
		PHP strings,predefined functions in PHP to manipulate string	18/10/2023	18/10/2023	PPT's, Whiteboard,marker
		SOP 10 CONT...	20/10/2023	20/10/2023	Practical Lab
		PHP Arrays:Indexed arrays	25/10/2023	25/10/2023	PPT's, Whiteboard,marker
		Associative arrays	25/10/2023	25/10/2023	PPT's, Whiteboard,marker
		SOP 11	27/10/2023	27/10/2023	Practical Lab
		PHP Multi-dimensional Arrays	28/10/2023	28/10/2023	PPT's, Whiteboard,marker

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2	Introduction to SEO	PHP User Defined Functions	21/11/2023	21/11/2023	PPT's, Whiteboard,marker
		PHP Function Arguments,returning value	22/11/2023	22/11/2023	PPT's, Whiteboard,marker
		PHP Form Handling,Difference between GET,POST, Form Connectivity	22/11/2023	22/11/2023	PPT's, Whiteboard,marker
		SOP 12	24/11/2023	24/11/2023	Practical Lab
		Cookies and session in PHP, Exercsies Discussion	25/11/2023	25/11/2023	PPT's, Whiteboard,marker
		Definition of SEO,Types of SEO -OnPage ,Offpage	28/11/2023	28/11/2023	PPT's, Whiteboard,marker
		Techniques of SEO White hat ,Black Hat	29/11/2023	29/11/2023	PPT's, Whiteboard,marker
		Practicals Revision	1/12/2023	1/12/2023	Practical Lab
		Difference between Black Hat and White Hat.Page structure Optimization	5/12/2023	5/12/2023	PPT's, Whiteboard,marker
		SEO Keywords,Social Bookmarking, SEO- SMO, SEO Backlinks	6/12/2023	6/12/2023	PPT's, Whiteboard,marker
		Other Factors ,robot.txt, SEO_audit, Exercise	8/12/2023	8/12/2023	PPT's, Whiteboard,marker
4	Emerging Technologies	Basics of Internet of Things, Advantage, Application of IOT, Cloud Computing & Types	12/12/2023	12/12/2023	PPT's, Whiteboard,marker
		Models of cloud computing, Artificial Inteligence Concept	13/12/2023	13/12/2023	PPT's, Whiteboard,marker
		5G Basics,characteristics of 5G, Exercised Solutions	13/12/2023	13/12/2023	PPT's, Whiteboard,marker

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All	All Lessons	Revision Lesson 1	15/12/2023	15/12/2023	PPT's, Whiteboard,marker
		Revision Lesson 2	15/12/2023	15/12/2023	PPT's, Whiteboard,marker
		Revision Lesson 3	19/12/2023	19/12/2023	PPT's, Whiteboard,marker
		Practicals Revision 4	20/12/2023	20/12/2023	PPT's, Whiteboard,marker
		Revision Lesson 5,6	22/12/2023	22/12/2023	PPT's, Whiteboard,marker

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