



Pimpri Chinchwad Education Trust's
S.B. PATIL COLLEGE OF SCIENCE & COMMERCE, RAVET

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ACA/D1/15	Teaching Plan(A.Y. 2024-2025)	Academic Year :- 2024-2025
REV:00	Subject:- Information Technology	Subject Code :- 97
Date :-2/04/2024		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	2/4/2024	2/4/2024	PPT's, Whiteboard,marker
		Form Tag & attribute Revision	3/4/2024	3/4/2024	PPT's, Whiteboard,marker
		HTML5 advanced <input> elements,Input Restrictions	5/4/2024	5/4/2024	PPT's, Whiteboard,marker
		Metatag,with attributes,Example	8/4/2024	8/4/2024	Practical Lab
		Program using form tag	10/4/2024	10/4/2024	PPT's, Whiteboard,marker
		Cascading Style Sheets in HTML5	12/4/2024	12/4/2024	PPT's, Whiteboard,marker
		CSS Properties	15/4/2024	15/4/2024	PPT's, Whiteboard,marker
		CSS Properties	16/4/2024	16/4/2024	PPT's, Whiteboard,marker
		Previous year Exam Program	19/4/2024	19/4/2024	Practical Lab
		Programs related with Input Element and CSS, Types of CSS: Intenal CSS	22/4/2024	23/4/2024	PPT's, Whiteboard,marker
Previous year Exam Program	24/4/2024	24/4/2024	Practical Lab		

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1	Advanced Web Designing	Inline CSS	26/4/2024	26/4/2024	PPT's, Whiteboard,marker
		External CSS	29/4/2024	30/4/2024	PPT's, Whiteboard,marker
		CSS Id Selector, Example,	3/5/2024	3/5/2024	PPT's, Whiteboard,marker
		CSS class Selector,Example	7/5/2024	7/5/2024	PPT's, Whiteboard,marker
		Program using CSS & Form tag	8/5/2024	8/5/2024	Practical Lab
		CSS class Selector	3/6/2024	3/6/2024	PPT's, Whiteboard,marker
		Group selector	4/6/2024	4/6/2024	PPT's, Whiteboard,marker
		Board program using CSS	5/6/2024	5/6/2024	Practical Lab
		Universal Selector	7/6/2024	7/6/2024	PPT's, Whiteboard,marker
		Positioning in CSS	10/6/2024	10/6/2024	PPT's, Whiteboard,marker
		Float Property	11/6/2024	11/6/2024	PPT's, Whiteboard,marker
		Programs related with Selector , Positioning in CSS	12/6/2024	12/6/2024	PPT's, Whiteboard,marker
		Display Property,Example	14/6/2024	14/6/2024	PPT's, Whiteboard,marker
		Ordered list or numbered list,Attributes,Example	18/6/2024	18/6/2024	PPT's, Whiteboard,marker
		SOP 1	19/6/2024	19/6/2024	Practical Lab
		Unordered list or bulleted list	21/6/2024	21/6/2024	PPT's, Whiteboard,marker
		Definition List, Nested List	24/6/2024	24/6/2024	PPT's, Whiteboard,marker
Inserting audio and video in HTML 5,	25/6/2024	25/6/2024	PPT's, Whiteboard,marker		

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1	Advanced Web Designing	Programs related with List, Property, SOP1	26/6/2024	26/6/2024	Practical Lab
		Image map in HTML 5	28/6/2024	28/6/2024	PPT's, Whiteboard,marker
		Inline Frame in HTML5	1/7/2024	1/7/2024	PPT's, Whiteboard,marker
		Website Hosting, Exercise, Revision on Lesson 1	2/7/2024	2/7/2024	PPT's, Whiteboard,marker
		SOP 1	3/7/2024	3/7/2024	Practical Lab
		Class test (Lesson 1)	5/7/2024	5/7/2024	Class Room
6	E- Commerce And E-Governance	Definition of E-Commerce	15/7/2024	15/7/2024	PPT's, Whiteboard,marker
		Difference between Traditional Commerce and E-Commerce	16/7/2024	16/7/2024	PPT's, Whiteboard,marker
		SOP 1	17/7/2024	17/7/2024	Practical Lab
		Advantages and Disadvantages of E-commerce	19/7/2024	19/7/2024	PPT's, Whiteboard,marker
		Types of E-commerce	22/7/2024	22/7/2024	PPT's, Whiteboard,marker
		E-Commerce Trade cycle.	23/7/2024	23/7/2024	PPT's, Whiteboard,marker
		SOP 2	24/7/2024	24/7/2024	Practical Lab
		Various Payment modes.	26/7/2024	26/7/2024	PPT's, Whiteboard,marker
		Forms of E-commerce, technologies of E-commerce- EDI, concept of Digital India	29/7/2024	29/7/2024	PPT's, Whiteboard,marker
		E-Governance and its types G2C,G2B,G2G,G2E	30/7/2024	30/7/2024	PPT's, Whiteboard,marker
		SOP 3	31/7/2024	31/7/2024	Practical Lab
		Security Measures in E-commerce	2/8/2024	2/8/2024	PPT's, Whiteboard,marker
		Excercise6 solution discussion, Revision	5/8/2024	5/8/2024	PPT's, Whiteboard,marker
		Class Test (Lesson No. 6)	6/8/2024	6/8/2024	PPT's, Whiteboard,marker
SOP 3	7/8/2024	7/8/2024	Practical Lab		

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3	Advanced Javascript	Revision of Basic concepts of Javascript	9/8/2024	9/8/2024	PPT's, Whiteboard,marker
		Features of JavaScript, difference between client side scripting and server side scripting	12/8/2024	12/8/2024	PPT's, Whiteboard,marker
		Switch case with examples	13/8/2024	13/8/2024	PPT's, Whiteboard,marker
		SOP 4	14/8/2024	14/8/2024	Practical Lab
		Looping Statement :For loop	16/8/2024	16/8/2024	PPT's, Whiteboard,marker
		Break and continue statement, While Loop	20/8/2024	20/8/2024	PPT's, Whiteboard,marker
		SOP 5	21/8/2024	21/8/2024	Practical Lab
		Objects in Javascript,program related with loop	23/8/2024	23/8/2024	PPT's, Whiteboard,marker
		DOM (Document Object Model) :	26/8/2024	26/8/2024	PPT's, Whiteboard,marker
		Window Object,Programs	27/8/2024	27/8/2024	PPT's, Whiteboard,marker
		SOP 6	28/8/2024	28/8/2024	Practical Lab
		JavaScript Event,with examples	30/8/2024	30/8/2024	PPT's, Whiteboard,marker
		JavaScript Built-in Objects: Math object	6/9/2024	6/9/2024	PPT's, Whiteboard,marker
		Date object,Number object	9/9/2024	9/9/2024	PPT's, Whiteboard,marker
		String, Number Object, Array Object	10/9/2024	10/9/2024	PPT's, Whiteboard,marker
		Validation program in JavaScript	13/9/2024	13/9/2024	PPT's, Whiteboard,marker
		Revision,Excercise solution discussion	18/9/2024	18/9/2024	Practical Lab
Class Test(Lesson No. 3)	20/9/2024	20/9/2024	class Room		

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5	Server-Side Scripting (PHP)	Indroduction to PHP,Features of PHP	23/9/2024	23/9/2024	PPT's, Whiteboard,marker
		PHP framework,First sample code of PHP,Steps to execute PHP	24/9/2024	24/9/2024	PPT's, Whiteboard,marker
		SOP 7	25/9/2024	25/9/2024	Practical Lab
		PHP case sensitivity	27/9/2024	27/9/2024	PPT's, Whiteboard,marker
		PHP Variables :-Rules to declare variables,variable scope with example	30/9/2024	30/9/2024	PPT's, Whiteboard,marker
		PHP datatypes,Comments in PHP	1/10/2024	1/10/2024	PPT's, Whiteboard,marker
		Control statements in PHP: if,if else with examples	4/10/2024	4/10/2024	PPT's, Whiteboard,marker
		Loop Structure in PHP :for with examples Foreach with example	7/10/2024	7/10/2024	PPT's, Whiteboard,marker
		foreach with examples	8/10/2024	8/10/2024	PPT's, Whiteboard,marker
		SOP 7 cont...	9/10/2024	9/10/2024	Practical Lab
		PHP strings,predefined functions in PHP to manipulate string	11/10/2024	11/10/2024	PPT's, Whiteboard,marker
		PHP Arrays:Indexed arrays	14/10/2024	14/10/2024	PPT's, Whiteboard,marker
		Associative arrays	15/10/2024	15/10/2024	PPT's, Whiteboard,marker
		SOP 8	16/10/2024	16/10/2024	Practical Lab
		PHP Multi-dimensional Arrays	18/10/2024	18/10/2024	PPT's, Whiteboard,marker

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2	Introduction to SEO	PHP User Defined Functions, PHP Function Arguments,returning value	11/11/2024	11/11/2024	PPT's, Whiteboard,marker
		PHP Form Handling,Difference between GET,POST, Cookies and session in PHP, Exercsies Discussion	12/11/2024	12/11/2024	PPT's, Whiteboard,marker
		SOP 9	13/11/2024	13/11/2024	Practical Lab
		Definition of SEO,Types of SEO -OnPage ,Offpage	18/11/2024	18/11/2024	PPT's, Whiteboard,marker
		Techniques of SEO White hat ,Black Hat	19/11/2024	19/11/2024	PPT's, Whiteboard,marker
		SOP 10	20/11/2024	20/11/2024	Practical Lab
		Difference between Black Hat and White Hat.Page structure Optimization	22/11/2024	22/11/2024	PPT's, Whiteboard,marker
		SEO Keywords,Social Bookmarking, SEO- SMO, SEO Backlinks	25/11/2024	25/11/2024	PPT's, Whiteboard,marker
		Other Factors of SEO	26/11/2024	26/11/2024	PPT's, Whiteboard,marker
		SOP 11	27/11/2024	27/11/2024	Practical Lab
	Robot.txt, SEO_audit, Exercise	29/11/2024	29/11/2024	PPT's, Whiteboard,marker	
4	Emerging Technologies	Basics of Internet of Things, Advantage	2/12/2024	2/12/2024	PPT's, Whiteboard,marker
		Application of IOT, Cloud Computing & Types	3/12/2024	3/12/2024	PPT's, Whiteboard,marker
		SOP 12	4/12/2024	4/12/2024	Practical Lab

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4	Emerging Technologies	Models of cloud computing, Artificial Intelligence Concept	6/12/2024	6/12/2024	PPT's, Whiteboard,marker
		5G Basics,characteristics of 5G, Exercised Solutions	9/12/2024	9/12/2024	PPT's, Whiteboard,marker
		Class Test	10/12/2024	10/12/2024	PPT's, Whiteboard,marker
		Preactical(Sop) Revision	11/12/2024	11/12/2024	Practical Lab
All	All Lessons	Revision Lesson 1	13/12/2024	13/12/2024	PPT's, Whiteboard,marker
		Revision Lesson 2	16/12/2024	16/12/2024	PPT's, Whiteboard,marker
		Revision Lesson 3	17/12/2024	17/12/2024	PPT's, Whiteboard,marker
		Practicals Revision 4	18/12/2024	18/12/2024	PPT's, Whiteboard,marker
		Revision Lesson 5,6	20/12/2024	20/12/2024	PPT's, Whiteboard,marker

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