



Pimpri Chinchwad Education Trust's
S.B. PATIL COLLEGE OF SCIENCE & COMMERCE, RAVET
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UDISE NO: 27252001412

College Index No: J.11.16.066

ACA/D1/15	Teaching Plan(A.Y. 2026-2027)	Academic Year :- 2026-27
REV:00	Subject:- Information Technology	Subject Code :- 97
Date :-6/06/2026		Class :- 12 Sci

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	11/4/2026	11/4/2026	PPT's, Whiteboard,marker
		Form Tag & attribute Revision	14/4/2026	16/4/2026	PPT's, Whiteboard,marker
		HTML5 advanced <input> elements,Input Restrictions	21/4/2026	23/4/2026	PPT's, Whiteboard,marker
		Program using form tag	5/5/2026	5/5/2026	PPT's, Whiteboard,marker
		Metatag,with attributes,Example	7/5/2026	7/5/2026	PPT's, Whiteboard,marker
		Cascading Style Sheets in HTML5	4/6/2026	4/6/2026	PPT's, Whiteboard,marker
		Previous year Exam Program	4/6/2026	4/6/2026	Practical Lab
		CSS Properties	9/6/2026	9/6/2026	PPT's, Whiteboard,marker
		Programs related with Input Element and CSS, Types of CSS: Intenal CSS	11/6/2026	11/6/2026	PPT's, Whiteboard,marker
		Inline CSS, External CSS	13/6/2026	13/6/2026	PPT's, Whiteboard,marker
CSS Id Selector, Example, CSS class Selector,Example	18/6/2026	18/6/2026	PPT's, Whiteboard,marker		

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1	Advanced Web Designing	Program using CSS & Form tag	16/6/2026	16/6/2026	Practical Lab
		CSS class Selector	25/6/2026	25/6/2026	PPT's, Whiteboard,marker
		Board program using CSS	23/6/2026	23/6/2026	Practical Lab
		Group selector,Universal Selector	27/6/2026	27/6/2026	PPT's, Whiteboard,marker
		Positioning in CSS	3/7/2026	3/7/2026	PPT's, Whiteboard,marker
		SOP 1	30/6/2026	30/6/2026	Practical Lab
		Programs related with Selector , Positioning in CSS	7/7/2026	7/7/2026	PPT's, Whiteboard,marker
		Float Property ,Example,Display Property,Example	9/7/2026	9/7/2026	PPT's, Whiteboard,marker
		Ordered list or numbered list,Attributes,Example	9/7/2026	9/7/2026	PPT's, Whiteboard,marker
		Programs related with List, Property, SOP1	21/7/2026	21/7/2026	Practical Lab
		Unordered list or bulleted list ,Example, Definition List, Nested List	24/7/2026	24/7/2026	PPT's, Whiteboard,marker
		Inserting audio and video in HTML 5,	25/7/2026	25/7/2026	PPT's, Whiteboard,marker
		SOP 2	28/7/2026	28/7/2026	Practical Lab
		Image map in HTML 5, Inline Frame in HTML5	30/7/2026	30/7/2026	PPT's, Whiteboard,marker
		Website Hosting, Exercise, Revision on Lesson 1	4/8/2026	4/8/2026	PPT's, Whiteboard,marker
Class test (Lesson 1)	4/8/2026	4/8/2026	Class Room		
Lesson No.	Name Of The Chapter	Topics / Content of Chapter	Planned Date of Commencing	Planned Date of Completion	Teaching Aid/Teaching Method Used

4	E-Commerce & E-Governance	Definition & introduction of E-Commerce	6/8/2026	4/8/2026	PPT's, Whiteboard,marker
		Difference between Traditional Commerce and E-Commerce,advantages of E-commerce	6/8/2026	4/8/2026	PPT's, Whiteboard,marker
		SOP 8 (Based on Javascript)	8/8/2026	4/8/2026	Practical Lab
		Disadvantages of E-commerce	11/8/2026	11/8/2026	PPT's, Whiteboard,marker
		Types of E-commerce	11/8/2026	11/8/2026	PPT's, Whiteboard,marker
		E-Commerce Trade cycle.	13/8/2026	13/8/2026	PPT's, Whiteboard,marker
		SOP 8 (Based on Javascript)	18/8/2026	18/8/2026	Practical Lab
		Various Payment modes.	20/8/2026	20/8/2026	PPT's, Whiteboard,marker
		Forms of E-commerce, technologies of E-commerce- EDI, concept of Digital India	25/8/2026	25/8/2026	PPT's, Whiteboard,marker
		SOP 9(Based on Javascript)	27/8/2026	27/8/2026	Practical Lab
		E-Governance and its types G2C,G2B,G2G,G2E	29/8/2026	29/8/2026	PPT's, Whiteboard,marker
		Security Measures in E-commerce	1/9/2026	1/9/2026	PPT's, Whiteboard,marker
		Excercise6 solution discussion, Revision	2/9/2026	2/9/2026	PPT's, Whiteboard,marker
		SOP 9(Based on Javascript)	8/9/2026	8/9/2026	Practical Lab
		Revision SOP 1 To 5	8/9/2026	8/9/2026	Practical Lab
		Class Test (Lesson No. 6)	10/9/2026	10/9/2026	Class Room
Lesson No.	Name Of The Chapter	Topics / Content of Chapter	Planned Date of Commencing	Planned Date of Completion	Teaching Aid/Teaching Method Used
		Revision of Basic concepts of Javascript	12/9/2026	12/9/2026	PPT's, Whiteboard,marker
		Features of JavaScript, difference between client side scripting and server side scripting	15/9/2026	15/9/2026	PPT's, Whiteboard,marker

6	Advanced Javascript	Switch case with examples	17/9/2026	17/9/2026	PPT's, Whiteboard,marker
		SOP 3, SOP 4	19/9/2026	19/9/2026	Practical Lab
		SOP 5, SOP 6	3/10/2026	3/10/2026	Practical Lab
		Looping Statement :For loop	4/10/2026	4/10/2026	PPT's, Whiteboard,marker
		Break and continue statement, While Loop	6/10/2026	6/10/2026	PPT's, Whiteboard,marker
		Objects in Javascript,program related with loop	6/10/2026	6/10/2026	PPT's, Whiteboard,marker
		DOM (Document Object Model) :	8/10/2026	8/10/2026	PPT's, Whiteboard,marker
		Program related with Events & Window	8/10/2026	8/10/2026	Practical Lab
		Window Object,Programs	13/10/2026	13/10/2026	PPT's, Whiteboard,marker
		JavaScript Event,with examples	13/10/2026	13/10/2026	PPT's, Whiteboard,marker
		JavaScript Built-in Objects: Math object	15/10/2026	15/10/2026	PPT's, Whiteboard,marker
		Programs related with Object, SOP 7	15/10/2026	15/10/2026	Practical Lab
		Date object,Number object	17/10/2026	17/10/2026	PPT's, Whiteboard,marker
		String, Number Object, Array Object	17/10/2026	17/10/2026	PPT's, Whiteboard,marker
		Validation program in JavaScript	20/10/2026	20/10/2026	Practical Lab
		Revision,Excercise solution discussion	20/10/2026	20/10/2026	PPT's, Whiteboard,marker
		Class Test(Lesson No. 3)	22/10/2026	22/10/2026	Class Room
Lesson No.	Name Of The Chapter	Topics / Content of Chapter	Planned Date of Commencing	Planned Date of Completion	Teaching Aid/Teaching Method Used

5	Server-Side Scripting (PHP)	Indroduction to PHP,Features of PHP	22/10/2026	22/10/2026	PPT's, Whiteboard,marker
		SOP 10	24/10/2026	24/10/2026	Practical Lab
		PHP framework,First sample code of PHP,Steps to execute PHP	24/10/2026	24/10/2026	PPT's, Whiteboard,marker
		PHP case sensitivity,Control statements in PHP: if,if else with examples	27/10/2026	27/10/2026	PPT's, Whiteboard,marker
		PHP Variables :-Rules to declare variables,variable scope with example	27/10/2026	27/10/2026	PPT's, Whiteboard,marker
		PHP datatypes,Comments in PHP	29/10/2026	29/10/2026	PPT's, Whiteboard,marker
		Loop Structure in PHP :for with examples Foreach with example	29/10/2026	29/10/2026	PPT's, Whiteboard,marker
		Control statements in PHP: if,if else with examples,PHP strings,predefined functions in PHP to manipulate string	30/10/2026	30/10/2026	PPT's, Whiteboard,marker
		PHP Arrays:Indexed arrays,Associative arrays	23/11/26	23/11/26	PPT's, Whiteboard,marker
		PHP Multi-dimensional Arrays	24/11/26	24/11/26	PPT's, Whiteboard,marker
		SOP 10	24/11/26	24/11/26	Practical Lab
Lesson No.	Name Of The Chapter	Topics / Content of Chapter	Planned Date of Commencing	Planned Date of Completion	Teaching Aid/Teaching Method Used
		PHP User Defined Functions	26/11/26	26/11/26	PPT's, Whiteboard,marker
		PHP Function Arguments,returning value	26/11/26	26/11/26	PPT's, Whiteboard,marker
		PHP Form Handling,Difference between GET,POST, Form Connectivity	28/11/26	28/11/26	PPT's, Whiteboard,marker
		SOP 12	28/11/26	28/11/26	Practical Lab
		Cookies and session in PHP, Exercsies Discussion	30/11/26	30/11/26	PPT's, Whiteboard,marker

2	Introduction to SEO	Definition of SEO,Types of SEO -OnPage ,Offpage	1/12/2026	1/12/2026	PPT's, Whiteboard,marker
		Techniques of SEO White hat ,Black Hat	1/12/2026	1/12/2026	PPT's, Whiteboard,marker
		Practicals Revision	3/12/2026	3/12/2026	Practical Lab
		Difference between Black Hat and White Hat.Page structure Optimization	3/12/2026	3/12/2026	PPT's, Whiteboard,marker
		SEO Keywords,Social Bookmarking, SEO- SMO, SEO Backlinks	5/12/2026	5/12/2026	PPT's, Whiteboard,marker
		Other Factors ,robot.txt, SEO_ audit, Exercise	5/12/2026	5/12/2026	PPT's, Whiteboard,marker
4	Emerging Technologies	Basics of Internet of Things, Advantage, Application of IOT, Cloud Computing & Types	8/12/2026	8/12/2026	PPT's, Whiteboard,marker
		Models of cloud computing, Artificial Inteligence Concept	10/12/2026	10/12/2026	PPT's, Whiteboard,marker
		5G Basics,characteristics of 5G, Exercised Solutions	10/12/2026	10/12/2026	PPT's, Whiteboard,marker
Lesson No.	Name Of The Chapter	Topics / Content of Chapter	Planned Date of Commencing	Planned Date of Completion	Teaching Aid/Teaching Method Used
All	All Lessons	Revision Lesson 1 & 2	12/12/2026	12/12/2026	PPT's, Whiteboard,marker
		Revision Lesson 3 & 4	14/12/2026	14/12/2026	PPT's, Whiteboard,marker
		Practicals Revision 5 & 6	15/12/2026	15/12/2026	PPT's, Whiteboard,marker

Mrs.Prachi Bhagat
IT Teacher

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Mr. S.N.Patil
Principal Sir

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ACA/D1/16	Exam Plan		Academic Year :- 2026-27	
REV:00	Subject:- Information Technology		Subject Code :- 97	
Date :-6/06/2026			Class :- 12 Sci	
Exam Name	Chapter No.	Chapter Name	Marks	Dates
Unit Test I	1	Advanced Web Designing	25 Marks	13/7/2026 To 16/7/2026
Unit Test II	3	Advanced Javascript	25 Marks	20/9/2026 To 30/9/2026
	6	E-commerce & E-Governance		
e r m	1	Advanced Web Designing	50 Marks	30/10/2026 To 5/11/2026
	3	Advanced Javascript		
	5	Server-Side Scripting (PHP)		

Prelim 1	1 To 6	All Syllabus	80 Marks	15/12/2026 To 22/12/2026
Prelim 2	1 To 6	All Syllabus	80 Marks	1/1/2027 To 8/1/2027

Mrs.Prachi Bhagat
IT Teacher

Mr. S.N.Patil
Principal Sir