DEPARTMENT OF COMPUTER APPLICATIONS
CERTIFICATE PROGRAMME
ON
WEB DESIGNING

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)
(Affiliated to Bharathidasan University)
(Accredited Grade by NAAC;An ISO9001:2015 Certified Institution)
SUNDARAKKOTTAI, MANNARGUDI – 614016.
TAMILNADU, INDIA.

CERTIFICATE PROGRAMME ON

WEB DESIGNING

ELIGIBILITY: Students doing UG and PG degree Programmes.

Sem.		Course Code	Title of the Course	Inst. Hours	Credit	Exam Hours	Marks		Total
							Int.	Ext.	
I	**WEB DESIGNING**	22CWD1	Hyper Text Markup Language and Scripting Languages	50	3	3	25	75	100
		22CWD2	PHP Programming with My SQL	50	3	3	25	75	100
		22CWD3P	Web Designing Lab	50	3	3	40	60	100
		TOTAL		**150**	**09**	**-**	**-**	**-**	**300**

CERTIFICATE PROGRAMME: WEB DESINING

Course Objectives:
The goal of the **Web Designing** curriculum is to provide students to design, implement effective, economical, and creative solutions for the needs of individuals, society, and the high-tech economy.

Note:
Internal   :40 Marks
External Practical   :60 Marks

SYLLABUS
Paper1: Hyper Text Markup Language and Scripting Languages

Paper2: PHP Programming with My SQL

Paper3: Web Designing Lab

Percentage of Attendance	Marks Allotted
95- and above	10
90-95	9
85-90	8
80-85	7
75-80	6
70-75	5
65-70	4
60-65	3
55-60	2
50-55	1

CERTIFICATECOURSE

Course	CIA	University Practical Examination	Hours **	Credit
I	40	60	10	3
II	40	60	10	3
III	40	60	10	3
Total Credits				9

**2 hours per day for all week days/ 5 hourse achon Saturday and Sundays

Duration: 150 Hours

Course	Theory/Practical Hours
I	50
II	50
III	50
Total	150

Aggregation of CIA Marks

Course	Attendance	Test (Minimum of Three Tests Including a Model Test)**	Assignment (Minimum of One Assignment)	Total CIA Marks
I	10	20	10	40
II	10	20	10	40
III	10	20	10	40

**For Best Two Test –20marks-AggregationofCIAMarks Break up

of Attendance Marks
(50%attendance is compulsory for writing examinations)

Details of Grade System

Marks	Grade	Class
ABOVE95	**S+**	FIRSTEXEMPLARY
90to94	**S**	
85to89	**D++**	FIRST-DISTINCTION
80to84	**D+**	
75to79	**D**	
70to74	**A++**	FIRST
65to69	**A+**	
60to64	**A**	
55to59	**B+**	SECOND
50to54	**B**	
45to49	**C+**	THIRD
40to44	**C**	
Below40	**RA**	RE-APPEAR

Passing
- PassingminimuminCIA-16Marks(40%)
- PassingminimuminPracticalExamination-24Marks (40%)
- Aggregation of CIA &Practical Examination(Minimum)-40Marks(100%)

Pattern: Non Semester
- Term–I
- Term–II
- Term–III

(or)

Onetermconsistsofamaximumof4 months in an academic year or combination of Two calendar year

Mode: Through on campus/off campus

Course of Study: Candidatesshallbepermittedtodothecertificateprogrammeconcurrentlywith their UG& PG Degree programme, if she desires.

Award of Certificate: A candidateshallbeeligiblefortheawardofcertificatesifheshehaspassed all the examination prescribed thereof.

Reappearance: Re appeared candidates in one or more papers may be permitted to Re –appear the Next.

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)
(Affiliated to Bharathidasan University)
(Applicable to the Candidates Admittedinthe Academic Year2021-2022)
(Accredited byNAAC;AnISO 9001:2015 Certified Institution)
SUNDARAKKOTTAI, MANNARGUDI – 614016.
TAMIL NADU

PAPER-1 Hyper Text Markup Language and Scripting Languages
Ins. Hrs./Week: 6   **Course Credit:** 5   **Course Code: 22CWD1**

OBJECTIVES
- To understand the basic concepts of PHP
- To understand the Concepts of Functions
- To understand the Concepts of Object Oriented Programming, and File handling

UNIT- I: Essential PHP
Variables – Constants –Data types in PHP – Operators and Flow Control –The String Functions and PHP Array Functions – Handling Multi-Dimensional Array.

UNIT- II: Functions and Reading Data
Creating functions in PHP: Variable scope in PHP- Reading Data in Web Pages: Setting up Web Pages to Communicate with PHP, handling Form input elements.

UNIT- III: OOP in PHP
Object-Oriented Programming: Creating Classes, Objects, Constructor, Destructor, setting access to Properties and methods, Overriding and Overloading methods.

UNIT- V: MySQL database
What is SQL? –MySQL Database–MySQL commands: Create table, select, insert and delete – MySQL functions – MySQL Aggregate functions.

UNIT-V: PHP and MySQL
Using PHP with MYSQL: Connecting to MySQL – Executing Simple Queries using PHP – Simple web Application using MySQL and PHP.

COURSE OUTCOME
Students will be able to
1. Understand operators and controls in PHP
2. Understand Concept of Functions
3. Understand Object oriented programming
4. Explore the MySQL database
5. Understand using PHP with MySQL

TEXT BOOK(S)
1. Steven Holzner.2007. PHP:The Complete Reference.First Edition, McGraw Hill India, New Delhi.
2. Larry Ullman. 2017. PHP 6 and MySQL 5 for Dynamic websites: Visual Quick Pro Guide.Third Edition, Peachpit Press, San Francisco, USA.

REFERENCE BOOK(S)
1. Bruce Dou. 2020. Mastering Swoole PHP: Build High Performance Concurrent System with Async and Coroutines".First Edition, Transfon Ltd, UK.
2. Doug Bierer.2016. PHP 7 Programming Cookbook.First Edition, Packt Publishing, Mumbai.

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
(AUTONOMOUS)
(Affiliated to Bharathidasan University)
(Applicable to the Candidates AdmittedintheAcademicYear2021-2022)
(Accredited by NAAC;An ISO 9001:2015 Certified Institution)
SUNDARAKKOTTAI, MANNARGUDI – 614016.
TAMIL NADU

PAPER- 2 PHP Programming with My SQL

Ins. Hrs./Week: 6   **Course Credit:** 5   **Course Code: 22CWD2**

OBJECTIVES
- To understand the basic concepts of PHP
- To understand the Concepts of Functions
- To understand the Concepts of Object Oriented Programming, and File handling

UNIT- I: Essential PHP
Variables – Constants –Data types in PHP – Operators and Flow Control –The String
Functions and PHP Array Functions – Handling Multi-Dimensional Array.

UNIT- II: Functions and Reading Data
Creating Functions in PHP:Variable scope in PHP– Reading Data in Webpages: Setting up
Web Pages to communicate with PHP, Handling Form Input Elements.

UNIT- III: OOP in PHP
Object-Oriented Programming: Creating Classes, Objects, Constructor, Destructor, setting
access to Properties and methods, Overriding and Overloading methods.

UNIT- V: MySQL database
What is SQL? –MySQL Database–MySQL commands: Create table, select, insert and delete
– MySQL functions – MySQL Aggregate functions.

UNIT-V: PHP and MySQL
Using PHP with MYSQL: Connecting to MySQL – Executing Simple Queries using PHP –
Simple web Application using MySQL and PHP.

COURSE OUTCOME
Students will be able to
6. Understand operators and controls in PHP
7. Understand Concept of Functions
8. Understand Object oriented programming
9. Explore the MySQL database
10. Understand using PHP with MySQL

TEXT BOOK(S)
3. Steven Holzner.2007. PHP:The Complete Reference.First Edition, McGraw Hill
India, New Delhi.
4. Larry Ullman. 2017. PHP 6 and MySQL 5 for Dynamic websites: Visual Quick Pro
Guide.Third Edition, Peachpit Press, San Francisco, USA.

REFERENCE BOOK(S)
3. Bruce Dou. 2020. Mastering Swoole PHP: Build High Performance Concurrent System with
Async and Coroutines".First Edition, Transfon Ltd, UK.
4. Doug Bierer.2016. PHP 7 Programming Cookbook.First Edition, Packt Publishing, Mumbai.

SENGAMALATHAYAAREDUCATIONALTRUSTWOMEN'COLEGE
(AUTONOMOUS)
(Affiliated to Bharathidasan University)
(Applicable to the Candidates AdmittedintheAcademicYear2021-2022)
(AccreditedbyNAAC;AnISO9001:2015CertifiedInstitution)
SUNDARAKKOTTAI, MANNARGUDI – 614016.
TAMIL NADU

PAPER- 3 Web Designing Lab

Ins. Hrs./Week: 6   **Course Credit:** 5   **Course Code:22CWD3P**

OBJECTIVES
- To understand the HTML tags using simple web page design
- To create web pages using scripting languages
- To write programs using PHP with MySQL database

LIST OF PROGRAMS

HTML and Scripting Languages

1. Create a web page using basic HTML tags and style sheets

2. Design a web page for your resume using table tags

3. Design a web page using form elements

4. Create a web page to demonstrate HTML frame tag

5. Write VBScript to convert temperature from Celsius to Fahrenheit

6. Write VBScript to display "Good Morning" or "Good Evening"

7. Write a JavaScript program to display date and time

8. Write a JavaScript program to Swap values of two variables

PHP and MySQL
1. Design an authentication webpage in PHP with MySQL to check username and password.

2. Create a web page in PHP for your personal details

3. Create a PHP page to retrieve data from a MySQL table