CONTENT MANAGEMENT SYSTEMS

PROGRAM HIGHLIGHTS

- Widely used to develop websites.
- Various tasks like editing, publishing, modifying and maintaining content can be accomplished
- Exposure to creative Web development
- Encourages participants to think and come up with new website designs

Instantly & Dynamically, Create & update your Web Sites

2020

2021



40 hrs

Objectives: To create dynamic and flexible websites

Don't miss it.



DEPARTMENT OF COMPUTER SCIENCE
FATIMA COLLEGE (AUTONOMOUS), MADURAI,

Fatima College (Autonomous), Madurai – 625 018 Department of Computer Science CONTENT MANAGEMEN T SYSTEMS

VALUE ADDED COURSE

I M.Sc. Computer Science

PROGRAMME CODE	COURSE CODE	COURSE TITLE	CATEGORY	HRS	CREDITS
PSCS	19PADCM	CONTENT MANAGEMEN T SYSTEMS	Certificate course	40	2

COURSE DESCRIPTION

Basic concepts and techniques of web development using Content Management System

COURSE OBJECTIVES

- To understand the basic role of CMS
- To understand the WordPress Environment
- To develop web sites using CMS software.

UNIT I: CONTENT MANAGEMENT SYSTEMS

Introduction, Components of content management, Features of CMS, Advantage of CMS, Disadvantages of CMS, Choosing CMS.

UNIT II: INTRODUCTION TO WORDPRESS

Introduction, Installation, Preparation, Step by step installation, Web host with a pre-installed version of WordPress, Updating WordPress, Getting to know the dashboard, Front end / back end, Log in (to get access to the back end), Configuring WordPress (Settings), General Settings, Writing Settings, Reading Settings, Discussion Settings, Default Article Settings

UNIT III: PAGES, POSTS, MENUS

The Basics Of WordPress, The WYSIWYG editor, Hyperlinks, Handling media, Inserting an image, Editing an image, Deleting an image, Creating a gallery, Editing or deleting a gallery, Documents (pdf, doc, xls,...)

Pages: Overview, add a new page, edit an existing page, delete a page

Posts: Overview, add a new post, edit an existing post, delete a post, categories & tags, Post categories, Post tags,

Custom menus, Introduction, Create a custom menu, Add custom links, Change the order of the menu items, creating a submenu, Remove a menu item

UNIT IV: THEME, WIDGETS, PLUGINS

User management: Introduction, Different roles in WordPress, add a Themes: Working of theme, Widgets, activate a widget, Plugins-What's a plugin?, Find a plugin, How to install a plugin?, How to configure a plugin, My favourite plugins.

UNIT V: other CMS Web Site Development

Joomla, Drupal: introduction,

Creating Web Site

References:

- ➤ Professional WordPress: Design and Development, Book by Brad Williams, David Damstra, and Hal Stern, Wiley Publisher March 2010.
- > Wordpress Complete, Karol Krol (Author), Sixth Edition Paperback, 2017

COURSE OUTCOMES (CO)

On the successful completion of the course, students will be able to

NO.	COURSE OUTCOMES
CO 1	Understand the primary roles of Content Management Systems
CO 2	Able to utilize protectively the environment of Wordpress
со з	Able to apply themes, widget, plugings
CO 4	Can utilize effectively the pages, posts, menus
CO 5	Understanding the other CMS software and able to develop the web site

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FATIMA COLLEGE (Autonomous), MADURAI - 625 018 (Affiliated to Madurai Kamaraj University) College with Potential for Excellence - Reaccredited with 'A' Grade by NAAC

M.Sc. DEGREE EXAMINATIONS



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B. Joseph Meninale Scott Trouble of Examinations

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