M.Com (E-Comm.) Sem-IV
408 : Content Management System

Objectives -:

    1. To learn structure and functionality of content.

    2. How to create pages, creating navigation.

    3. To learn principle of moodle and understanding content management.

Chapter No.	Name Of Topic	No. of Lectures
1	**Defining Data, Information, and Content** 1.1 What is Data? 1.2 Content Is Not Data 1.3 Content Is Information Put to Use 1.4 Content Is Information Plus Data 1.5 From Data to Content and Back	3

2	**Content Has Format, Structure & Functionality**
	2.1 Storage Format: Storing Information
	2.2 Rendering Format: Presenting Information
	2.3 Categorizing Formatting
	    2.3.1 Formatting for effect
	    2.3.2 Formatting by method
	    2.3.3 Formatting by scope
	2.4 Structure Is Important
	2.5 How to Categorize Structure
	    2.5.1 Structure by purpose
	    2.5.2 Structure by type
	    2.5.3 Structure by scope
	2.6 What Is Functionality?
	2.7 Monolithic versus Mix-and-Match Functionality
		4

3	**But What Is Content Really?** 3.1 Content, Context, and Meaning 3.2 Creating Context Rules 3.3 Content Organization Starts with Purpose 3.4 Content Is Named Information Jena : http://jena.sourceforge.net/ARQ/arq-query-eval.html	3

4	**Creating Pages and Navigation (Web management)**
	4.1 Creating pages
	4.2 Editing pages
	    4.2.1 Previewing changes
	    4.2.2 Changing the page alias
	    4.2.3 Deleting pages
	    4.2.4 Formatting page content
	4.3 Activating search & replace function
	    4.3.1 Adding meta tags
	    4.3.2 Adding global meta tags
		6

	4.4 Understanding page hierarchy
	    4.4.1 Adding sub pages to a website
	    4.4.2 Usability
	    4.4.3 Search engine friendly URL's
	
	4.5 Controlling the navigation of the website
	    4.5.1 Home Page/Default page of web site
	    4.5.2 More navigation control with content types
	    4.5.3 Creating new pages as a copy of existing one
	    4.5.4 Changing multiple pages at once	

5	**Design and Layout**
	5.1 Working with templates
	        5.1.1 Importing readymade template
	        5.1.2 Creating new template
	        5.1.3 Adding dynamic parts to template
	        5.1.4 Adding smart tags to a template
	        5.1.5 Adding parameters to the template
	5.2 Working with style sheets
	        5.2.1 Creating new style sheet
	        5.2.2 Designing navigation, the pure CSS way
	        5.2.3 Overview of CSS and features
	        5.2.4 Use of CSS to redesign text features
	        5.2.5 Use of CSS to move and position web graphics
		5

6	**Users and Permissions**
	6.1 Understanding users and their roles
	        6.1.1 Creating a new user
	        6.1.2 Assigning a user to a group
	6.2 Content Permission
	        6.2.1 Adding page permission
	6.3 Designer permissions
	        6.3.1 Creating test area for the designer
	        6.3.2 Viewing the admin log, archiving changes and
	                  restoring them
		5

7	**Moodle** 7.1 What is moodle ? 7.2 Principles of moodle. 7.3 Moodle in education and training 7.4 5 myths about teaching with moodle. 7.5 Teaching Do's and Dont's	**3**
8	**Understanding Content Management** 8.1 Defining Content Management 8.2 CM Is Distributing Business Value 8.3 CM Is a Balance of Organizational Forces 8.4 CM Is the Combination of Content-Related Disciplines 8.5 CM Is Collection, Management, and Publishing 8.6 CM is a Computer Infrastructure	**7**

		8.6.1 The static Web site	
		8.6.2 The dynamic Web site	
		8.6.3 The Web CMS	
		8.6.4 The full CMS	
		8.6.5 The enterprise CMS	
9	**Introducing the Major Parts of a CMS**		**8**
	9.1 A CMS Overview		
	9.2 The Collection System		
	9.2.1 Authoring		
	9.2.2 Acquiring		
	9.2.3 Converting		
	9.2.4 Aggregating		
	9.2.5 Collection services		
	9.3 The Management System		
	9.3.1 The repository		
	9.3.2 The administration system		
	9.3.3 The workflow system		
	9.3.4 Connections		
	9.4 The Publishing System		
	9.4.1 Publishing templates		
	9.4.2 Publishing services		
	9.4.3 Connections		
	9.4.5 Web publications		
	9.4.6 Other Publications		
10	**Knowing When You Need a CMS**		**4**
	10.1 Gauging the Amount of Content		
	10.2 Managing the Size of the Contribution Base		
	10.3 Anticipating the Amount of Change		
	10.4 Knowing the Number of Publications		
	Total		**48**

References:
1. Content Management Bible, 2nd Edition- By Bob Boiko
2. CMS made simple 1.6- By Sofia Hauschildt
3. www.moodle.org