



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act 1956)

Re - accredited by NAAC with 'A' Grade

Founder: Prof. Dr. S. B. Mujumdar, M.Sc., Ph.D. (Awarded Padma Bhushan and Padma Shri by President of India)

(Established under section 3 of the UGC Act 1956, by notification No.F.9-12/2001-U3
Government of India)

Sub Committee for Curriculum Development

Course Name: Web Development Frameworks

Course Code: T3321

(UG/PG): PG

Number of Credits: 2

Level: 4

Learning Objective(s): To introduce students Content Management System Drupal that gives in-depth understanding of the general processes used to set up CMS sites. To implement web content management (WCM) for maintaining the quality of information on the web site and provide significant efficiency, productivity and cost reduction benefits and also learn application development using framework.

Pedagogy:

Lectures

Hands-on Lab Sessions

Pre-requisites:

Basic Knowledge of Web technologies

Course Outline:

Sr. No.	Topic	Hours
1	Introduction to Web CMS What is CMS? Types of CMS, CMS Architecture What is web CMS? Difference between Ordinary CMS and Web CMS	3
2	CMF What is Framework? What is CMF? Examples of CMF Advantages of CMF	2
3	Web CMS Technologies Web Server(Apache) Database(MySQL) Scripting Language(HTML, CSS, PHP)	2
4	Configuration Server Configuration Apache Directives Site Configuration	3
5	Drupal Drupal Architecture, Terminology, Components Drupal Installation and Configuration Drupal Structure – Nodes and Content Types Modules and Themes, Menus	20
	Total	30

Book Recommended:

1. Beginning Drupal – Redding, Jacob
2. Beginning Drupal 7 – Tomlinson, Todd
3. Drupal 7 – Mercer, David
4. Drupal 7 Fields/CCK : Beginner's Guide – Poon, Dave


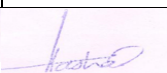
Research Papers/Articles recommended for reading:

Suggested Evaluation Methods:

Assignments
Online Tests
Project

Parallel/Similar courses the existing curriculum:

S.No.	Name of the course	Institute where it was offered

Name of Member	Ms Janhavi Pednekar	Harshad Gune			
Designation	Teaching Asst.	Asso. Professor			
Org. / Inst.	SICSR	SICSR			
Signature					

Name of the Expert:

Signature:

Date:

