

Course Code	UCS20S02J	Course Name	CONTENT MANAGEMENT SOFTWARE	Course Category	S	Skill Enhancement	L	T	P	C
							1	0	1	2

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	Computer Science	Data Book / Codes/Standards	Nil		

Course Learning Rationale (CLR):		The purpose of learning this course is to:			Learning			Program Learning Outcomes (PLO)														
CLR-1 :	Joomla Overview				1	2	3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CLR-2 :	How to install Joomla, Architecture of Joomla				Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)	Engineering Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO - 1	PSO - 2	PSO - 3
CLR-3 :	Utilizing Control panel of Joomla							H	H	M	-	-	-	-	-	H	H	-	-	M	H	H
CLR-4 :	Utilizing Toolbar, Menus, Content Menu of Joomla							H	H	H	H	H	-	M	-	H	H	-	-	M	H	H
CLR-5 :	Utilizing Components Menu, Extensions Menu of Joomla							H	H	M	H	H	-	M	-	H	H	-	-	M	H	H
CLR-5 :	Utilizing Menus, Modules of Joomla							H	H	H	-	-	-	-	-	H	M	-	-	M	H	H
CLR-6 :	Utilizing Templates, Banners.							H	M	M	M	M	M	M	-	H	H	-	M	M	H	H
Course Learning Outcomes (CLO):		At the end of this course, learners will be able to:			3	80	70	H	H	M	-	-	-	-	-	H	H	-	-	M	H	H
CLO-1 :	Install Joomla, Overview of Joomla Architecture				3	85	75	H	H	H	H	H	-	M	-	H	H	-	-	M	H	H
CLO-2 :	Working with Control Panel to access the functions of Joomla through clickable icons.				3	75	70	H	H	M	H	H	-	M	-	H	H	-	-	M	H	H
CLO-3 :	To know about the various toolbar options in Joomla. Create custom menus for your website.				3	85	80	H	H	H	-	-	-	-	-	H	M	-	-	M	H	H
CLO-4 :	Studying the menus present under Joomla content, Component Menu, Banners. To know about Extension Manager, Module Manager, Plugin Manager, Template Manager.				3	85	75	H	M	M	M	M	M	M	-	H	H	-	M	M	H	H
CLO-5 :	Creating Menus, adding menu items, Modifying menu items, Creating submenus. Creating Modules in Joomla.				3	80	70	H	H	M	-	-	-	-	-	H	H	-	-	M	H	H
CLO-6 :	Create Templates, Banners. Add Forums, Web links, Creating Real world Examples.																					
Duration (Hour)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
S-1	SLO-1	Overview of Joomla	Manage media files	Working with extension manager	Working with Breadcrumb module in Joomla	Add template in Joomla																

	SLO-2	Real world examples of Joomla	Manage menus	Display the location and function of modules	Working with Random Image Module	Create template in Joomla
S-2	SLO-1	Laboratory 1: System Requirements for Joomla	Laboratory 4: Creating Menus for website	Laboratory 7 : Working with modules, Implementation of Templates	Laboratory 10: Joomla Global Settings, Media settings	Laboratory 13 : Template Manager
	SLO-2					
S-3	SLO-1	Create store Database	Working with details tab	Set default language for your website.	Working with debug settings	Create contact details of the company
	SLO-2	Joomla Admin Panel	Working with Page display, metadata.	Joomla Translations	Working with media manager	Use Newsfeed in Joomla Real World Applications.
S-4	SLO-1	Laboratory 2 : Using Toolbar options , Creating Store Database	Laboratory 5 : Content Menu in Joomla	Laboratory 8: Working with plugin Manager	Laboratory 11 : Configure Joomla site with personal settings	Laboratory14: Adding forums, web Links.
	SLO-2					
S-5	SLO-1	How to create article page	Add New Article using Article manager	Create Menus in Joomla using Menu Manager	Working with Joomla media settings	Create corporate intranets and extranets
	SLO-2	Create standard pages	Create categories for the article using category manager	Add New Menu Items	Working with Joomla Language Manager	Create on-line magazines
S6	SLO-1	Laboratory 3 : Create a Template	Laboratory 6 : Component menu in Joomla	Laboratory 9 :Modules in Joomla	Laboratory 12: Joomla Language Manager	Laboratory 15: Creation of Web sites and Personal home pages
	SLO-2					

Learning Resources	1. Stephen Burge, "Joomla 3 Explained: Your step-by-step Guide to Joomla3", Independently published 2. Eric Tiggeler, "Joomla! 3 Beginner's Guide", 2 nd Edition, Packt Publishers 3. Tim Plummer, " Learning Joomla3 Extension Development", 3 rd Edition, Packt Publishers	URL: https://www.tutorialspoint.com/joomla/joomla_overview.htm
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Learning Assessment									
	Bloom's Level of Thinking	Continuous Learning Assessment (100% weightage)							
		CLA – 1 (20%)		CLA – 2 (20%)		CLA – 3 (30%)		CLA – 4# (30%)	
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember	10%	10%	10%	10%	10%	10%	10%	10%
	Understand								
Level 2	Apply	20%	20%	20%	20%	20%	20%	20%	20%
	Analyze								
Level 3	Evaluate	20%	20%	20%	20%	20%	20%	20%	20%
	Create								
	Total	100%		100%		100%		100 %	

CLA – 4 can be from any combination of these: Assignments, Seminars, Short Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.,

Course Designers		
Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
Mr. S. Karthik, IT Analyst, Tata Consultancy Services	Dr. Neelanarayanan,, Professor, School of Computer Science and Engineering, VIT Chennai	Dr.P.J.Arul Leena Rose
		Mr.M.D.Bakthavachalam