

Branch Name:	IMCA
Program Code:	CS301
Course Name:	Software Project-IV
Course Code:	1CS3010808P
Pre-requisite Course:	Programming Languages (PHP, Java, Python Using Back-end like Mysql, SQL Server etc) , Databases, Preliminary knowledge of Software Engineering.

Course Objectives:

1. To solve industrial (or society or research) problems.
2. To plan, schedule, and monitor the software project.
3. Development, coding, and testing of a large project cohesively.
4. Documentation of project.

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture	Tutorial	Practical	Credit	Theory		Practical		Total
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
-	-	4	4			50	50	100

LAB/ Practical:

Note: The practical list provided is a part for reference only. The course t teacher may Change/formulate it as per his/her methodology and requirement.

Guidelines for Project
• The students can develop their project individually or in a group of two preferably. • The project can be developed in any language or platform but it is required to get it approved by the project coordinator. For the purpose of approval, they have to submit their project titles and proposals to the project coordinator within 7 days of the commencement of the semester. In case, if the student proposal is rejected, the revised proposal in the same or other area, is required to submit and get it sanctioned within the next 7 days. Failing to do this, He/she will not be qualified for this subject. • The students have to report to the internal guide at least 4 times during the project lifespan with the progress report. Moreover they have to bring these reports with the final report at the time of external examination. • The external examiners appointed by the University will give the external marks on the basis of the heads like Presentation, Demonstration, Viva Voice, and Documentation etc. The distribution of the marks to different heads may be decided at the time of evaluation of the project but it is expected to have the same distribution. • The Internal Guide or Head of the Institution will give the internal marks. These marks may be given on the basis of regular reporting of the student to the internal guide and quality of the project work.

1 Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Get experience in analyzing, designing, implementing and evaluating information systems.	3-Applying,4-Analyzing, 5 Evaluating, 6-Creating
CLO2	Develop information systems that satisfy an organization's informational, operational, and management requirements.	3-Applying,4-Analyzing, 5 Evaluating, 6-Creating
CLO3	Develop information systems in an efficient and effective manner	3-Applying,4-Analyzing, 5 Evaluating, 6-Creating

Mapping of CLO with Pos & PSOs

Course Learning Outcomes	Program Outcomes (POs)												Program Specific Outcomes (PSOs)	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CLO1	H	H	M	H	M	M	L	H	M	H	M	L	H	H
CLO2	L	L	H	M	M	H	L	M	L	H	M	L	M	H
CLO3	M	L	L	M	M	H	M	M	H	H	M	M	H	H

H: High, M: Medium, L: Low