

<b>Branch Name:</b>	MCA
<b>Program Code:</b>	CS201
<b>Course Name :</b>	<b>SYSTEM DEVELOPMENT PROJECT</b>
<b>Course Code :</b>	3CS2010401P
<b>Pre-requisite Course:</b>	Knowledge of required programming language,

**Course Objective:**

1. To provide the students with experience in analyzing, designing, implementing and evaluating information systems.
2. To develop information systems that satisfy an organization's informational, operational, and management requirements.
3. To develop information systems in an efficient and effective manner.

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture	Tutorial	Practical	Credit	Theory		Practical		Total
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
-	-	30	30	-	-	350	350	700

**Guidelines for the Project:**

1. The duration of the project is 120 days.
2. The students can develop their project individually or in a group of two preferably.
3. The project can be developed in any programming language / platform / tools & technology but it is required to get it approved by the head of the department.
4. For the purpose of approval, they have to submit their project titles and proposals with the name of external guides to the Head/Project Coordinator of the Department within 15 days of the commencement of the sixth semester. In case, if the student proposal is rejected, the revised proposal is required to submit and get it sanctioned within the next 10 days. Failing to do this, His/her term will not be granted.
5. The students have to report to the internal guide for at least 4 times during the project lifespan with the progress report duly signed by external guide. Moreover they have to bring these reports with the final report at the time of external examination.
6. The external examiners appointed by the University will give the external marks on the basis of the heads like Presentation, Demonstration, Viva Voice, 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.
7. The Internal Guide/Project Coordinator of the Department will give the internal marks. These marks may be given on the basis of regular reporting of the student to the internal guide, quality of project work.

**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 CLOs 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	H	M	H	L	L	H	M	L	H	H	H	H
CLO2	H	H	H	M	H	L	L	H	M	L	H	H	H	H
CLO3	H	H	H	M	H	L	L	H	M	L	H	H	H	H

**H: High, M: Medium, L: Low**