Semester - IV

Course Code	PIT21E411L	Course Name	PROJECT WORK	Course Category	P	Project Work	L	T	P	C
							0	0	24	12

Pre-requisiteCourses	Nil	Co-requisiteCourses	Nil	ProgressiveCourses	Nil
Course Offering	DepartmentComputer Science		Data Book / Codes/Standards	As required for the project work	

Course Learning Rationale (CLR):	The purpose of learning this course is to:
CLR-1 :	CLR-1 : To prepare the student to gain major design and or research experience as applicable to the profession
CLR-2 :	Apply knowledge and skills acquired through earlier course work in the chosen project
CLR-3 :	Make conversant with the codes, standards , application software and equipment
CLR-4 :	Carry out the projects within multiple design constraints
CLR-5 :	Incorporate multidisciplinary components
CLR-6 :	Acquire the skills of comprehensive report writing

Course Learning Outcomes (CLO):	At the end of this course, learners will be able to:	Learning Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)	Program Learning Outcomes (PLO) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		1	2	3	Fundamental Knowledge	Application of Concepts	Link with Related Disciplines	Procedural Knowledge	Skills in Specialization	Ability to Utilize Knowledge	Skills in Modeling	Analyze, Interpret Data	Investigative Skills	Problem Solving Skills	Communication Skills	Analytical Skills	ICT Skills	Professional Behavior	Life Long Learning
CLO-1 :	Design a system	3	80	70	L	H	-	H	L	-	-	-	L	L	-	H	-	-	-
CLO-2 :	Process or gain research insight into a defined problem	3	85	75	M	H	L	M	L	-	-	-	M	L	-	H	-	-	-
CLO-3 :	Solution to the problem as would be encountered in professional manner	3	75	70	M	H	M	H	L	-	-	-	M	L	-	H	-	-	-
CLO-4 :	Problem solving - its impacton global, economic, environmental and social context.	3	85	80	M	H	M	H	L	-	-	-	M	L	-	H	-	-	-
CLO-5 :	Practice software project phases	3	85	75	H	H	M	H	L	-	-	-	M	L	-	H	-	-	-
CLO-6 :		3	80	70	L	H	-	H	L	-	-	-	L	L	-	H	-	-	-

Assessment Component	Expected outcome	Type	Evaluators	Criteria or basis	Marks
Review – 0 Internship	Internship letter Submission Proposed Project title to be described. Abstract of the project.	Internal	Supervisor / Guide & Project Coordinator	Feasibility Study of the project	5
Review – I Project Proposal	A short presentation about the Problem statement Literature Survey System architecture Design Specifications	Internal	Supervisor/Guide	Clarity of the idea, Preliminary work done.	10
Review – II	Presentation on Techniques, Model/ Algorithm, Modules, coding Prototype of the project	Internal	Supervisor/Guide	Clarity of idea, Presentation	10
Review – III	Final presentation, Demonstration of Project.	Internal	Supervisor/Guide	Technical demonstration, Presentation	10
Report Submission	Submission of final project report	Internal	Project Coordinator	Regularity, Originality, Systematic progress	15
Project Report	Evaluation of Project Report	External	Examiner(s)/ Reviewer(s)	Presentation, Handling Q&A	20
Viva – Voce	Final Presentation	External			30

The assessment method for the project work consists of in-semester and end semester evaluations as detailed below:

	Continuous Learning Assessment (50% weightage)					Final Evaluation (50% weightage)	
	Review - 0	Review – 1	Review – 2	Review – 3	Report Submission	Project Report	Viva-Voce*
Project Work / Internship	5%	10%	10%	10%	15%	20 %	30 %

*Student has to be present for the viva voce for assessment. Otherwise it will be treated as non-appearance for the examination with final grade as 'Ab'