CSE4901 Project I

COURSE INFORMATION

Prerequisites	Academic Year & Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Laboratory	
GPA>=2.0 & 90 CR or more	4	7	2	2	0	3

COURSE AIM

- Explain and identify the applications of the projects and its association with real and industrial life
- Demonstrate the ability of student to survey the main background and sketch comparative literature among different related models, tools and techniques
- Apply the phases of requirements, analysis and design in the software development life cycle and illustrating considerations of professional and ethical responsibilities.
- Demonstrate effective technical writing, communication and presentation skills.
- Demonstrate the ability to work effectively as a member of a development team and under guidance, manage his/her own learning and development including task breakdown, time management ,planning and organizational skills

COURSE WEEKLY CONTENTS

1. Formulate Problem definition(Problem Statement)
2. Determine Motivation and Applications
3. Articulate Project Aims and Objectives
4. Conduct Literature Survey part 1
5. Conduct Literature Survey part 2
6. Plan for the project (Scope definition and task breakdown, time management) Part 1
7. Plan for the project (Scope definition and task breakdown, time management) Part 2
8. Gather Requirements Part 1
9. Gather Requirements Part 2
10. Write the requirements specification document Part 1
11. Write the requirements specification document Part 2
12. Systems analysis of processes and data Part 1
13. Systems analysis of processes and data Part 2
14. Design the required features and operations in detail and produce design artifacts
15. Develop a Prototype

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	←		30	MARKS		→	30
8 to 12	←		20	MARKS		→	20
1 to 15	←		10	MARKS		→	10
16 or 17	40	Final					40