

CCY4901 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.
1 to 7	←		3 0	M A R K S		→
8 to 12	←		2 0	M A R K S		→
1 to 15	←		1 0	M A R K S		→
16 or 17	Final Exam (40 Marks)					