Software Project – I

Semester V	Subject Code: BC51705	Lectures: 60

Objectives:
The syllabus aims in equipping students with, • Understanding the practical implementation of the programming subject • Learning how to make projects.

Unit 1: Synopsis and Introduction	05

Unit 2: Analysis	05
• Fact finding techniques • Feasibility study	

Unit 3: Design	10
• E-R Diagram • Data flow diagram (up to 1st level DFD) • Data Dictionary • UML Diagrams	

Unit 4: Coding& Testing (Manual Testing)	23
• Test Plan • Test case	

Unit 5: Demonstration and Project report	05

*Contact hours – 12 hours

Project Guidelines

- The project proposal should be prepared in consultation with your guide.
- The project proposal should clearly state the project objectives and the environment of the proposed project to be undertaken.
- The project work should compulsorily include the software development.
- The Project carries 100 marks.
- A photocopy of the complete Project should be retained by the student for future reference.
- The project is a part of your final Year curriculum.
- Students are eligible to submit the project proposals after V semester.
- Project will be examined by internal and external examiner.

Reference Books:

1. Steven Holzner, *Visual Basic .NET 2003 in 21 Days,* SAMS Publications
2. Jefrey R. Shapiro ,*The Complete Reference -Visual Basic .NET*
3. Evangelos Petroutsos, *Mastering Visual Basic,* BPB publication
4. Steven Holzner, *Visual Basic 6 Programming Black Book* , Dreamtech publication
5. Gerg Perry, *Learn VB in 21 days,* Techmedia Publication