

Software Project – I

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| Semester V | Subject Code: BC51705 | Lectures: 60 |
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Objectives:

The syllabus aims in equipping students with,

- Understanding the practical implementation of the programming subject
- Learning how to make projects.

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| Unit 1: Synopsis and Introduction | 05 |
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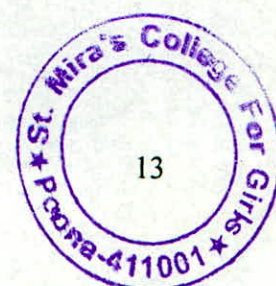
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| Unit 2: Analysis | 05 |
| <ul style="list-style-type: none"> • Fact finding techniques • Feasibility study | |

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| Unit 3: Design | 10 |
| <ul style="list-style-type: none"> • E-R Diagram • Data flow diagram (up to 1st level DFD) • Data Dictionary • UML Diagrams | |

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| Unit 4: Coding & Testing (Manual Testing) | 23 |
| <ul style="list-style-type: none"> • Test Plan • Test case | |

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| Unit 5: Demonstration and Project report | 05 |
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*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. Jeffrey R. Shapiro, *The Complete Reference -Visual Basic .NET*
3. Evangelos Petroustos, *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

