Branch: B.Sc.(IT)	Semester-VI
Subject Code: 6201	Lecture: 04 Credit: 04
Course Opted	Core Course – 21
Subject Title	PROJECT

Objective:

The Project work enables students to involve themselves completely to develop their project for solving problems of software industry or any research organization. Doing this will give more exposure to students to handle real life problems of project development. The project covers study of existing system & System Requirements, Analysis, Design and Coding and presentation of result to demonstrate proficiency in the design of research.

Guidelines:

1. Project Topic:
   1. To proceed with the project work it is very important to select a right topic. Project can be undertaken on any subject addressing IT programme. Research and development projects on problems of practical and theoretical interest should be encouraged.
   2. Project work must be carried out by the group of maximum four students and minimum two and must be original.
   3. Students can certainly take ideas from anywhere, but be sure that they should evolve them in the unique way to suit their project requirements.
   4. The project work can be undertaken in a research institute or organization/company/any business establishment and work professionally and independently to continue to be an entrepreneur. Student must consult internal guide along with external guide (if any) in selection of topic.
   5. Head of department and senior staff in the department will take decision regarding selection of projects.

2. Project Proposal:
   A proposal as per the format given should be prepared once the topic is selected. It should not be more than 3-4 pages and need not be sent separately. The format for the same is:
   1. Title of Project
   2. Objectives
   3. Need for topic and Modules
   4. Tools and Technology to be used in Project.
   5. Methodology and Procedure of work.
   6. Detailed information of Guide (Name, Address, qualification and Experience)

3. No Objection Certificate:
   If the project is carried out in a company or organization, then a certificate for no objection of same needs to be presented. It should mention that the organization has no objection in publishing the findings of the project study.

   The certificate should contain the name of the authority with signature and company stamp and should be given on company's letterhead and duly signed by authorized signatory.

4. Project Report Format:
   At the end of semester, a student need to prepare a project report (Black book) should be prepared as per the guidelines given by the University and College. Along with project report a

CD containing: project documentation, Implementation code, required utilities, Software's and user Manuals need to be attached.

1. Abstract
2. Introduction
3. Literature Survey
    1. Survey Existing system
    2. Limitation existing system or research gap
    3. Problem Statement and Objectives
    4. Scope
4. Proposed System
    1. Analysis/Framework/ Algorithm
    2. Details of Hardware & Software
    3. Design details (ER Diagram, Data Dictionary, Table Design etc.)
    4. Methodology (your approach to solve the problem)
5. Screenshots
6. Coding
7. Conclusion
8. References

5. Term Work:

Student has to submit weekly progress report to the internal guide and where as internal guide has to keep track on the progress of the project and also has to maintain attendance report. This progress report can be used for awarding term work marks. Distribution of marks for   for term work will be as follows

1. Weekly Attendance on Project Day
2. Project work contribution as per objective
3. Project Report (Hard Bound)
4. Term End Presentation (Internal)

The final certification and acceptance of team work ensures the satisfactory performance on the above aspects.

6. Oral & Practical:

Oral &Practical examination of Project should be conducted by Internal and External examiners at College Level. Students have to give presentation