

Department of Computer /IT Engineering

Second Year Students

Mini-Project

Dear Students,

This week span signifies end of first semester of academic year 2009-10. You have successfully completed their first semester examinations. We are sure that you will achieve good results in this examination and would show their excellence in terms of academic growth, greater self-confidence, and improved social skills. College reopens on 4th Jan 2010. Along with your plans of enjoying holidays for two weeks, please pay attention to few of our suggestions.

For engineering students willing to work hard to ensure a good career, the importance of doing mini-projects in second/ third / final year and a good final-year project cannot be over-emphasized. Mini-projects develop practical skills in students. In spite of all the theory you learn, the industry also needs to know your ability to complete projects using your own initiative. These next few weeks in vacation you should spend some time each day at mini project working in small groups. This will increase your ability to meet with small groups of students.

So we would advise students to take up mini-projects in their second year and try to present at least one paper on the same.

Selected projects exhibition cum contest would be held in last week of Jan 2010.

Suggested Mini Project Ideas:

1. Online Examination Module (Multiple Choice Questions) like FE FPL Exam
2. Attendance Recording and Analysis Software Module
3. Examination Result Analysis Software Module
4. Hardware Exhibitors such as a display board exhibiting all types of mouse (/ keyboards, HDDs, Monitors etc), internal architecture and working
5. Departments / College Website
6. Library Management System
7. Hotel Management System
8. Timetable generation (user will input subjects, faculty times, class room times)
9. CD library management software
10. Admission procedure Automation
11. Online passport registration Automation
12. Student Feedback System Automation
13. Ice cream parlor management system
14. Pizza hut - account management system
15. Multi player strategy game: Project ideas on Visual basic, Java, Database
16. A speech response application using some hardware interface using the Microsoft SAPI SDK
17. LAN administrator tool (socket programming comes easy in VB) which will monitor application on a LAN and provide functions
19. Voice Mail Systems
20. Computer Telephony Integration
21. Student Information system
22. Traffic Control System
23. Airline Reservation System
24. Simulation for Balloon shooting game
25. Mini calculator in 'c'
26. Moving Ball game
27. Tick Tack Toe game
28. Design a personal profile Web –Page.

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Head of the Department