

Department Laboratories

COMP.LAB-I (PROJECT DEVELOPMENT LAB)

A real engineer is not the one who has theoretical knowledge but is the one who knows to implement his knowledge practically. We do understand the importance of "Practical Knowledge" and so have given due importance to this concept by introducing a "PROJECT LAB", where the students learn to design and fabricate circuits and make projects which are useful in their day to day life. The major project laboratory is well equipped with hardware and

software like Oracle, Java, Dream Viewer, Matlab, NS2 Simulator and other latest software that are required for the project development. Linux and Windows operating system are available to facilitate students to develop projects using technologies beyond their curriculum. In this lab, the students work in the areas like image processing, embedded programming, NLP, Wireless Networks,



COMP.LAB-II (NETWORKING LAB)

The networking Laboratory includes three racks populated with wired and wireless equipment that allow students to login to the devices and perform various laboratory exercises on wired and wireless network technologies. All the devices are connected to access servers, which allow students to login to the devices and perform their labs remotely from anywhere on the campus or from home.



DEPARTMENT OF COMPUTER APPLICATION

COMP.LAB-III (Computing Lab)

This laboratory is used to gain experience of the principles of good program design and program testing of C, C++, JAVA etc. languages, which further goes for development of software's, operating systems and future projects. Students get exposure to the installation, system administration, troubleshooting and usage of a multi-user operating system, networked operating system, stand alone operating system. Students learn UNIX 5.0, Linux, Windows NT and Shell Programming.



COMP.LAB-IV(DBMS Laboratory)

This lab provides the exposure to use databases and build an RDBMS. For this, they are provided with the server based ORACLE software. This Lab is dedicated in Database Applications and software's. All the available front end languages like Visual Basic , Visual C++ ,Visual Basic. NET, C#.NET etc are installed in this lab. On the other hand, for backend all the major database servers like MySql server, SQL server and Oracle 9i is available for students and staff to enhance their skills.



DEPARTMENT OF COMPUTER APPLICATION

COMP.LAB-V(OPERATING SYSTEM LAB)

This laboratory is used to gain experience of Operating System (Windows, UNIX, Linux, Dos etc.). Students get exposure to the installation, system administration, troubleshooting and usage of a multi-user operating system, networked operating system, stand alone operating system. Students learn UNIX 5.0, Linux, Windows Server 2003.



COMP.LAB-VI(DATA STRUCTURE LAB)

A data structure is an arrangement of data in a computer's memory or even disk storage. An example of several common data structures are arrays, linked lists, queues, stacks, binary trees, and hash tables. Algorithms, on the other hand, are used to manipulate the data contained in these data structures as in searching and sorting. Many algorithms apply directly to a specific data structures. When working with certain data structures you need to know how to insert new data, search for a specified item, and deleting a specific item. Data Structure Lab provide a platform by which students can implement and analysis different data structures



