LABORATORY FACILITIES

Computer Practices Laboratory

Computer Practices Laboratory has 60 computers with Turbo C software. The laboratory is useful for writing C program on Data types, Expressions, Evaluation, Decision making, Functions, Pointers, Structures and Unions.

Programming and Data Structures Laboratory

Programming and Data Structures Laboratory has 60 computers with Turbo C software. The laboratory is useful for writing C program on Conditional and Control Statements, Functions, Arrays, Strings, Pointers, Structures, Linked list, File handling, Stack, Queue, Linear and Binary Search, Sorting Algorithms.

Database Management Systems Laboratory

Database Management Systems Laboratory has 36 computers with Visual Basic, SQL, Oracle. The Laboratory focuses on Creating and Updating data in the database which is used to store and retrieve the data.

Networks Laboratory

Networks Laboratory has 36 computers with JAVA, NS2. The Laboratory focuses on design, troubleshooting, modeling and evaluation of computer network with tools such as Network Addressing, Address resolution protocol, IP routing, Route discovery, TCP and UDP, IP Fragmentation.

Operating System Laboratory

Operating System Laboratory has 36 computers with Fedora, Linux OS. The laboratory is useful to learn shell programming and the use of filters in the UNIX environment.

Case Tools Laboratory

Case Tools Laboratory has 22 computers with Fedora, Linux OS. The Laboratory focuses on implementing theÃ‚Â automation of the entire information systems development life cycle process using a set of integrated software tools, such as modeling, methodology and automatic code generation.

System Software Laboratory

System Software Laboratory has 36 computers with Turbo C. The laboratory focuses on the experimental design, implementation, and evaluation of systems software technologies, which enable the development of a wide range of emerging applications.

Communication Skills Laboratory

Communication Skills Laboratory has 36 computers with HICLASS. The laboratory focuses on Phonetics, Pure Vowels, Diphthongs, Language Functions, Interview Skills, Resume Preparation, Covering Letter or Job Application Letter, Oral Presentation, Group Discussion, Telephone Terms and Telephone Language.

Communication Skills Laboratory

Communication Skills Laboratory has 36 computers with Globarena. The laboratory focuses on International English Language Testing System, Business English Certificate, Time Management, Personality Testing, TOEFL.

Open Source Laboratory

Open Source Laboratory has 36 computers with Fedora, Linux OS. The laboratory focuses on making your own hardware and to build open-source hardware for scientific research.

Internet Programming Laboratory

Internet Programming Laboratory has 36 computers with JAVA, TOMCAT. The laboratory focuses on Web page creation using HTML, Cascading style sheets, Client side scripts for validating web form controls using DHTML.

Computer Graphics Laboratory

Computer Graphics Laboratory has 36 computers with Turbo C. The laboratory focuses on implementing 2D and 3D transformations.

Mobile Application Development Laboratory

Mobile Application Development Laboratory has 36 computers with Android OS. The laboratory focuses on J2ME features, Thread and High level UI, Working on Drawing and Images, Authentication with a web server.

Compiler Laboratory

Compiler Laboratory has 36 computers with software of LEX and YACC. The laboratory focuses on implementing the Language /translation by designing complete translator for mini language, also to provide design aspect of Operating System.

Security Laboratory

Security Laboratory has 36 computers with software of C / C++ / Java ,Equivalent Compiler GnuPG, Equivalent, Snort. The laboratory focuses on Virtualization process, Port Scanning with NMAP, SUPERSCAN.

Grid and Cloud Computing Laboratory

Grid and Cloud Computing Laboratory has 36 computers with software of Globus Toolkit which is used to expose the tool kits for grid and cloud environment for developing Web services/Applications in grid framework.