

Infrastructure

Laboratories:

1:Data Structures and Algorithms Laboratory



Dimension: 914.932 Sq ft (85 Sq.m)

103- PCD lab

Odd Semester – Data Structure Lab

The course is designed to develop skills to design and analyze simple linear and nonlinear data structures. It strengthen the ability to the students to identify and apply the suitable data structure for the given real world problem. It enables them to gain knowledge in practical applications of data Structures.

Even Semester – Design & Analysis of Algorithms Lab

The course focuses on data abstraction and object-oriented programming techniques and is currently taught in Java. The course gives a general introduction to data structures and the algorithms that operate on those structures.

Equipments: Computers (36 in numbers)

Configuration: DELL, 500GB hard disk, LED Monitor, 4GB RAM, intel core-i5 processor

2: ADE and Microprocessor Laboratory



Dimension: 979.51 Sq.ft (91 Sq.m)

Odd Semester – ADE Lab

This course provides knowledge on JFETs, MOSFETs, operational Amplifier circuits, combinational logic. It will also strengthen the ability to apply knowledge gained in the design of Counters, Registers, A/D & D/A converters.

Even Semester – Microprocessor Lab

This course will enable students to make familiar with importance and applications of microprocessors and microcontrollers. Expose architecture 8086 microprocessor and ARM Processor and instruction set of ARM Processor.

Equipments: 300 MHz 2 Channel CRO (oscilloscope), 3 MHz Signal generator with 40Mhz frequency counter, ARM LPC 2148, Linear modular dual tracking power supply 0-30v/ 20Amps, Power supply (+/- 12v), IC Trainer kit, Patch Chords, Spike Buster / Extension box, IC Tester, Diode BY-127 / IN-4007, MOSFET, Bread board, CRO Probes, Connecting wires roll, Component Box

3 :DBMS and File Structures Laboratory



Dimension: 914.932 Sq ft (85 Sq.m)

Odd Semester –DBMS Lab

The course reviews topics such as conceptual data modeling, relational data model, relational query languages, relational database design and transaction processing and current technologies such as semantic web, parallel and SQL databases. It exposes the student to the fundamental concepts and techniques in database use and development as well provides a foundation for research in databases.

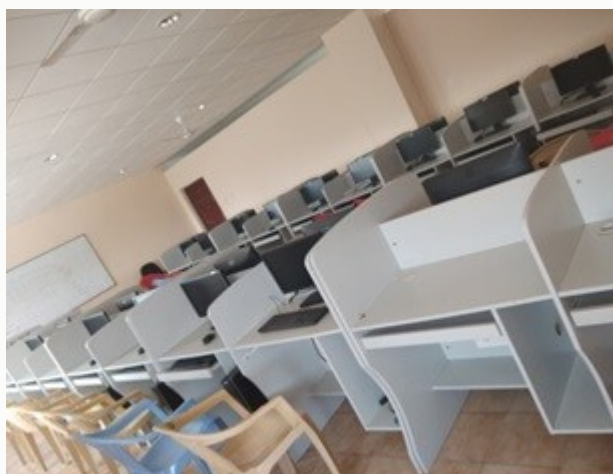
Even Semester – File Structure Lab

The objective of this course was to teach ways of efficiently organizing and manipulating data in main memory.

Equipments: Computers (36 in numbers)

Configuration:DELL, 500GB hard disk, LED Monitor, 4GB RAM, intel core-i5 processor

4 : Software Testing Laboratory



Dimension: 914.932 Sq ft (85 Sq.m)

Even Semester –Software Testing Lab
This course will enable students to differentiate various testing techniques. Analyze a given problem and derive suitable test cases. And also design flow graphs for the same.

Odd Semester- Web Lab

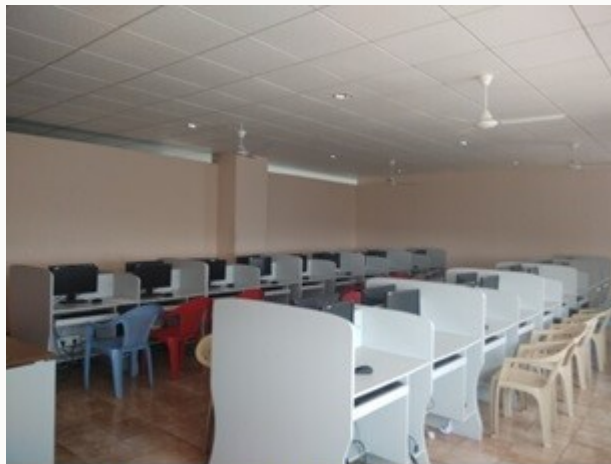
This course will enable students to design and develop static and dynamic web pages. Get familiarize with Client-Side Programming, Server-Side Programming, Active server pages. Also learn database connectivity to web applications.

Odd/Even- SS/OS Lab

This course will enable students to make familiar with lexical analysis and syntax analysis phases of compiler design and implement programs on these phases using Lex and Yacc tools
Equipments: Computers (36 in numbers)

Configuration: DELL, 500GB hard disk, LED Monitor, 4GB RAM, intel core-i5 processor

5: Networks and Project Laboratory



Dimension: 914.932 Sq ft (85 Sq.m)

Odd Semester – Networks Lab
This course provides the knowledge of simulators for different connections, error detection using CRC, find the shortest path in the network, encryption and decryption of data by using simulation NCTU/NS-2.

Even Semester – Project Lab

Equipments: Computers (36 in numbers)

DELL, 500GB hard disk, LED Monitor, 4GB RAM, intel core-i5 processor

6 : Project Laboratory (MCA Sharing Lab)



Dimension: 1162.5 Sq ft (108 sq.m)

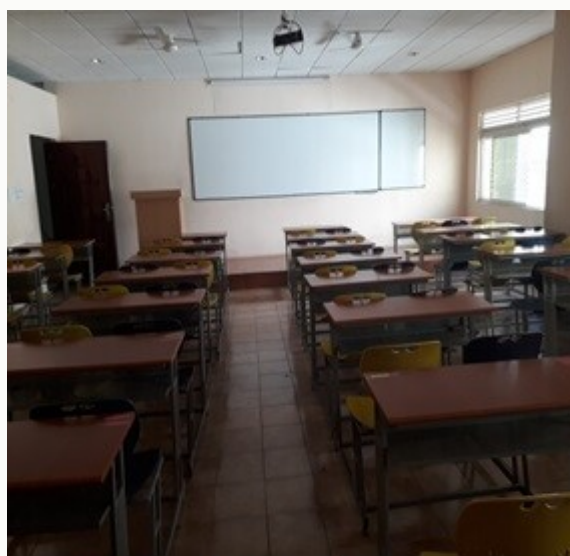
Even/Odd Semester- Project Lab (MCA Sharing) Equipments: Computers (60 in numbers)

Configuration: DELL OPTIPLEX 3020, 500GB hard disk, LED Monitor, 4GB RAM, intel core-i5 processor, 3.30 Ghz.

Class Room



Room No: 301 Capacity: 52
Dimension: 788 Sq.ft. (73.21 Sq.m)



Room No: 302 Capacity: 59
Dimension: 788 Sq.ft. (73.21 Sq.m)



Room No: 303 Capacity: 76
Dimension: 802 Sq.ft. (74.55 Sq.m)



Room No: 308 Capacity: 101
Dimension: 1312 Sq.ft. (121.85 Sq.m)



Room No: 309 Capacity: 28
Dimension: 576.6 Sq.ft. (53.57 Sq.m)



Room No: 310 Capacity: 80
Dimension: 968 Sq.ft. (89.90 Sq.m)



Room No: 307 Capacity: 60
Dimension: 710.4 Sq.ft. (66 Sq.m)



Room No: 407 Capacity: 42
Dimension: 559.7 Sq.ft. (52 Sq.m)



Room No: 405 Capacity: 91
Dimension: 968.7 Sq.ft. (90 Sq.m)

HOD Room

Department Office



Dimension: 238.09 sq.ft (22.12 Sq.m)



Dimension: 303.5 sq.ft (28.2 Sq.m)

Faculty Room



Dimension: 1829.86 sq.ft (170 Sq.m)