

Digital Systems Laboratory



Hardware Equipments:

- B1140 – CONV Analog Pulse Signal Converter
- B1140 – MEM Semi-conductor Memories Trainer
- B1131 – C Digital Logic Families Trainer
- B4192 Stabilized Power Supply
- Low Voltage Power Supply
- TG550 Function Generator
- TINA Lab II
- Electron B1180 - WS – Workstation
- Electron BTP2 High Voltage Power Supply
- Weller Soldering Station
- Flite KL – 300 Digital Logic Trainer
- FLT 68K 68000 Training System
- FLT 68K Application Board
- Switch and Lamp Unit
- 4mm I/O Module Flight – 68K
- C Compiler and Assembler for the FLT 68K
- Microchips
- Oscilloscope, 100 MHz, 2 Channel
- Tektronix DC Power Supply; 32V; 3A
- Linear DC Power Supplies CD

Overview:

The Digital Systems Lab combines two courses, Digital Systems and Microprocessors. This lab is well equipped with educational kits that help students understand important and sophisticated concepts in the easiest way possible. Major equipments in this lab are the Logic Gates Modules and the Flite 68K board. A number of other application and training boards are also available for students to learn how to apply concepts practically.

The Digital Systems lab is well maintained and weekly checked. Lab rules are well defined and followed by the students.

Courses:

COEN 3323: Digital Systems
EEEN 4331: Microprocessors

Software Resources:

- TINA
- MATLAB
- emu8086
- Easy68k

Other equipment includes:

- Workstations
- DELL computers
- Projector
- Smart Board, white board
- Steel Cupboards,
- Chairs
- Tables

