

Digital Circuits and Microprocessor Laboratory

Lab Area: 100.05 Sq.m



The laboratory is being used to support the theory course on digital circuits. Various experiments such as logic gates, combinational logic circuits and sequential logic circuits. At the end of the sessions students are given small project. Students use SSI and MSI digital ICs for performing experiments. The laboratory is equipped with digital ICs, DMMs, component development system trainers and digital IC tester. The microprocessor laboratory is well equipped with 15 PCs, Microprocessors trainers, Microcontroller trainers, , Logic Analyzer, peripheral boards such as A-D Converter-A converter,8255(PPI), 8253(Programmable Timer), 8279 (Programmable keyboard-display interface), 8257 (DMA controller), 8259 (Programmable Interrupt Controller). Stepper motor study card, relay, Opto switch study card and LCD interface study card, ALU With Power Supply,824, 8051 Micro Controller Easy8051v6, Keypad Extra Development Board, 12bit Adc, 12bit Dac, Ask-25 All In One General Purpose Controller, Uno R3 Development Board, Arduino Interfacing Card, * D12-Emona DETEX Telecommunication, Advanced Comm. Trainer,Nv9008, Cdma Mobile Comm. Trainer,ST2115, Energy Harvesting(Dv164133, Dm240311), Satellite Trainer, easypic7, easypic cc3000 click board, Eeprom Development Board, Can Comm. Board, RTC Board, Ethernet Board, Keil Software, TASAM Software. Universal programmer available to the students for programming microcontrollers and EPROM for their small projects.