



## Equipment and Tools

Electronic Labs are equipped with:

- TTL Logic Trainer Kits – Breadboard, 100kHz Function Generator, Adjustable +/- 15VDC (output in mA), +5VDC (output in mA), -5VDC (output in mA), Potentiometer (1k & 100k), 8 Logic Indicators, 8 Data Switch, 7-Segment Displays and Decoders
- DC Power Supplies (+/-15V)
- AC Power Supplies (6V, 12V)
- Audio Generators
- Dual Channel Digital Oscilloscope, 20MHz
- Dual Channel Oscilloscope, 100MHz
- Audio Generators
- RF Signal Generators
- Soldering Stations
- Desoldering Stations
- IC testers
- Analogue/Digital Multimeters
- DC Milliammeters
- DC Microammeters
- Hand Tools – Pliers, Cutters, Wire strippers and Crimping Tools

Electrical Labs are equipped with:

- DC Power Supplies (+/-15V)
- 1kVA Single Phase Series Variable Transformer (220V/0V~250V, 4A, 50Hz)
- 3kVA Three Phase Series Variable Transformer (380V/0V~430V, 4A, 50Hz)
- AC Ammeters (0 - 2A)
- AC Ammeters (0 - 0.5A)
- AC Voltmeters (0 – 300V)
- Electrical Motor System
- 3 Phase 200A Switch boards
- Fire alarm system
- Resistance Load Bank
- Capacitance Load Bank
- Inductance Load Bank
- Primary Current Injection Test Set
- Socket Outlets with Tripping Button
- Insulation resistance tester
- Phase Sequence Tester
- Portable Appliance Tester
- Clamp on Leak HiTESTER
- Mega Meter
- Analogue/Digital Multimeters
- Bench Drill
- Hand Tools – Pliers, Cutters, Wire strippers and Crimping Tools

Computer Labs are equipped with:

- Computers installed with relevant software for educational learning
- Printer
- Server
- Routers
- Switches
- Wireless Routers
- Wireless USB Adaptors
- ADAM-6060 Ethernet I/O Modules
- RJ-45 Crimping tools
- Network cable testers
- Hand Tools – Pliers, Cutters, Wire strippers and Crimping Tools

PLC Lab is equipped with:

- Computers installed with relevant software for educational learning
- Printer
- Air compressor
- PLC Training Module (A, B, C, D) Kits
- OMRON Programmable Logic Controllers (PLC) Kits
- Allen-Bradley Programmable Logic Controllers (PLC) Kits
- Hand Tools – Pliers, Cutters, Wire strippers and Crimping Tools