PROCESS INSTRUMENTATION LABORATORY

MAJOR EQUIPMENT:
Boiler & Heat exchanger Setup.
Distillation Column.
Bottle Filling Plant.
Flow Setup
Temperature Setup
Level Setup
Spray Dryer.

QUANSER CONTROL LABORATORY

MAJOR EQUIPMENT:
Rotary servo plant with Rotary Ball & Beam
Flexible joint & Rotary flexible link
High performance H.I.L control
2 DOF Helicopter system
A.C. Servo motor
ANALYTICAL AND SENSOR DESIGN LABORATORY

MAJOR EQUIPMENT:

- Microprocessor Chemito Chromatograph
- UV Visible Spectrophotometer with 1 10mm Quartz cuvette
- Neuro solution 5.0
- Digital flame photometer with Na, K filter & compressor.
- Nitrogen Regulator.
- Hydrogen Regulator.

EMBEDDED SYSTEM LABORATORY

MAJOR EQUIPMENT

- HW-V5-ML506 UNI-G(Xilinx) Virtex 5 based
- Chip scope Pro-Tool
- FPGA(Spartan 3A) Profibus Evaluation Development kit.
- RT Linux Pro 2.2 Educational for ARM
- Universal VLSI Trainer kit
BIOMEDICAL INSTRUMENTATION LABORATORY

MAJOR EQUIPMENT:

HUVITZ lamp Bi microscope HS-5000 with digital camera.
NI Embedded Vision System & related software.
Digital visual presenter.
Bio bench turnkey physiological monitoring software.
40 MHz 2 channel 4 trace CRO.

ELECTRONICS LABORATORY

MAJOR EQUIPMENT:

Digilent Spartan 3 system along with university trainer kit
Virtex-5 FXT FPGA ML507
Xilinx DSP Video starter kit-Spartan 3A DSP
Digilent Spartan 3 system along with university trainer kiT.
Current Measuring Probes TektronicS.
Aplab Digital Storage Oscilloscope.
DIGITAL SIGNAL PROCESSING LABORATORY

MAJOR EQUIPMENT

- Xenon Server model-hp ML 150G series.
- DLP Multimedia Projector (MITSUBISHI XD- 480V)
- DSP Starter kit (DSK) TMS 320C5416 with code composer.
- DSP Starter kit (DSK) TMS 320C67 with code composer.

INDUSTRIAL AUTOMATION PLC & DCS LABORATORY

MAJOR EQUIPMENT:

- PLC software 9398 EDCTKITS B as a pack of 8 License.
- Pendents for simulator.
- HMI standoff pendents.
- DCS from Emerson Engg. Process Management with hardware and Software.
MAJOR EQUIPMENT:

Integrated Test measurement station

DSpace-ACE-1104 Hardware & Software.

LCR-Q sort tester.