

## 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 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 (MITSUBISHIXD- 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.

Pendants for simulator.

HMI standoff pendants.

DCS from Emerson Engg. Process Management with hardware and Software.

## PG LABORATORY



### MAJOR EQUIPMENT:

Integrated Test measurement station

DSPACE-ACE-1104 Hardware &  
Software.

LCR-Q sort tester.