MICROPROCESSOR LAB

Objective of the Laboratory:

- To enable the students to simulate and test the Analog, Digital and mixed Electronics circuits using MATLAB/CASPOC/OrCAD Software.
- To provide a platform for the students to do multidisciplinary projects.
- To Study the power flow problems using provided Software.
- To carry out high quality research in the field of Power System Simulation.

Major Equipment in Lab:

Softwares:

- PSCAD/EMTDC ON Windows 95/98/NT
- SPARD 2000 ON Windows 95/98/NT (3 user LAN)
- MATLAB Version 5.0
- MATLAB Version 6.0
- ETAP Windows 95/98/NT 3 users LAN
- CASPOC SIMULATION SOFTWARE
- OrCAD Circuit Simulator OrCAD Capture, OrCAD PSPICE
- 8085 Microprocessor Trainer Kit
- 8086 Microprocessor Trainer Kit
- Universal Digital Logic Gate Experimental system
- Universal flip-flop counter and shift register Experimental system
- Universal half/full adder, subtractor, ALU Experimental system
- Universal multiplex, Decoder and Encoder Experimental system
- Transistor signal and Feedback Experimental system

Name of officials handling the Laboratory:

- Sh. Shalinder Kumar(2015-17)
- Sh. Ashok Kumar (2016)
- Smt. Varinder kaur (2017-2018 till now)