IC161P   Applied Electronics Lab

Credits: 0-0-3-2

Prerequisite: Consent of the faculty member

Students intended for: B.Tech

Elective or Core: Core   Semester: Even/Odd

Course content:

       Lab 1: Combinational Circuit implementation using NAND/NOR gates

       Lab 2: Sequential circuit design based on counter and shift register

       Lab 3: Amplifier design

       Lab 4: Basic logic design with transistors and diodes

       Lab 5: Ative Filter design (using Opamp)

       Lab 6: Oscillator design (using Opamp)

       Lab 7 & Lab 8 is involved measurements

       Lab 9: Programming assignment using microcontroller