**Hexapod Robot with 18 Degree of Freedom** - The project consists of a six leg mobile robot, which will walk on a level plane in any polar direction given by the user from a pc.

**Digital Electronics Weighting Scale -** The project consists of design and construction of weighting system that can also be used to count pieces as objects

**Current Weather report -** The project consists of reporting and displays the current weather conditions onto the computer. It consists of five sensors that are: temperature, wind speed, wind direction, humidity, rainfall gauge and uv index.

**Multiple Purpose bicycle unit** - The project consists of eliminating devices which are currently being used to monitor single parameters on a bicycle, by integrating these single devices into one complete system.

**Low flow water Meter** - Flow meter of consumer usage by water utilizes is a continuous challenge. Even the most accurate water meters only measures flows of down to 3 and 4 liters per hour.

**Current and Voltage slew rate tester** - Surge current and voltage occurring in AC supplies can be the cause of inefficient operation or product failure in any electrical installation. A current and voltage slew rate tester is able to verify the critical rare on state current and minimum rate of off state voltage.

**Automated Shelving Retrieval System** - Project consists of an automated shelving system, which is essentially a system where the user inputs the desired object to be retrieved by means of a keypad, and a micro that move a linear actuator X-Y axis.

**leak Noise Monitoring System** - Project consists of a water leakage detection system. It is designed to pinpoint water leakage found in water pipes in order to reduce losses.

**Digital Tracking System** - Project consists of a digital tracking which traces any type of movement within a room with the use of a 360degree rotating camera.

**TV Transmitter** - Project consists of a transmitting system in which radio communication is used to deliver audio & visual signal data from one point to another. This can be used a transmitter from a dvd player and a receiver to you tv station.

https://sites.google.com/site/controlandelectronics/Projects-IEEE