

## Design Project Laboratory:

Laboratory In-charge : Ms. P.Santhoshini

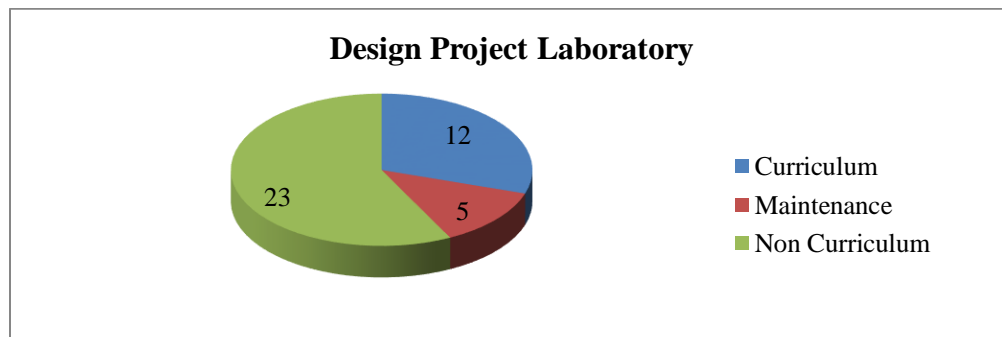
Technical supporting staff : T.Uma



Figure 6.12 Snapshot of Design Project Laboratory

Area of the laboratory: 9.6 m X 8.7m = 83.52 sq.m

### Utilization chart



**Major Equipment:**

- Opto coupler
- Electromagnetic Relay

**Major Experiments:**

- Design and Fabrication of Domestic UPS.
- Design and Fabrication of an isolation circuit using opto coupler which is required for
- Microcontroller interfacing
- Design and Fabrication of Driver Circuit to drive an Electromagnetic relay using Microprocessor with required Protection.
- Design and Fabrication of LED 7 Segment Digital clock.
- Design and Fabrication of Flashing LED using 555 timer.
- Design Project Laboratory for third year EEE students

**Utilization of the laboratory:**

- Design Project Laboratory for third year EEE students