



Department of Electronics and Communication Engineering

DIGITAL CIRCUITS LABORATORY Room No. AB 202B

- **Staff In-Charge :** **Dr. Rudraswamy S B**
Assistant Professor
Prof .Praveen Kumar M S
Assistant Professor

- **Technical / Supporting Staff :** **K. S. Jayashree**
Assistant Instructor
Satheesha M
Helper

- **Facilities Available:**
- CRO-20MHz, Dual Channel ,
- Signal generators- 2MHz Regulated Power supplies- 0-30V, 2A., $\pm 15V$, $\pm 5V$.
- Measuring instruments and Electronic Components.
- Logic system trainer kits with associated accessories.

- **Utilization :**
This lab has state-of-the-art electronic equipment like Digital Storage Oscilloscopes, Large Bandwidth Signal Generators, high quality consumables and workbenches, measuring instruments and components. This lab trains the students in designing and understanding working of basic circuits like diodes, rectifiers, transistors which are needed for building large circuits for practical applications. They may also be used for student project works. This laboratory has high quality IC trainer kits and integrated circuits chips to train the students in designing and developing digital electronic circuits. The lab uses trainer kits and Logic gates to teach the students about Digital Electronic Circuits.

