



**Department of Electronics and Communication Engineering**

**COMMUNICATION LAB / DESIGN & IMPLEMENTATION  
LABORATORY  
Room No. AB 202C**

- **Staff In-Charge : Prof. A Thyagaraja Murthy**  
Associate Professor  
**Dr. Gayitri H M**  
Associate Professor

- **Technical / Supporting Staff : Nagaraju M B**  
Instructor  
**Naveen Kumar B**  
Helper

CROs, signal generators, regulated power supplies, Multimeters. Spectrum Analyzer, Function Generator, Microwave Lab Setup, Laser Kit, OFC Kit, Modulation/ Demodulation kits.

- **Utilization :**

This laboratory has state of the art electronic equipment including industry – standard Digital Oscilloscopes and Signal Generators. This lab aims at teaching the students about Linear Integrated Circuit design, the 555 Timer, Analog Communication Systems and implementing them using hardware. It also provides the students with relevant information on the basic concepts of processes circuits and other building blocks of experiments related to digital communication. It presents the basic concept used in circuit design, microwave communication and optical communication and also provides various methods and techniques for conducting the experiment. It provides opportunity for students to design useful projects.

