

## LABORATORIES – ELECTRONICS AND TELECOMMUNICATION ENGINEERING DEPARTMENT

1.	ELECTRONIC CIRCUITS LAB	2.	COMMUNICATION SYSTEMS LAB
3.	SWITCHING & DIGITAL CIRCUITS LAB	4.	ELECTRONIC SOFTWARE LAB
5.	PROJECT LAB	6.	P.C.B. LAB
7.	ELECTRICAL LAB	8.	ROBOTICS LAB
9.	MICROPROCESSORS LAB		

### Electronic Circuits Laboratory



**Lab Location :** Laboratories Building

**Lab Incharge :** Prof. R. D. Metri

**Establishment Year :** 2008-09

**Lab Assist. :** Mr. P. B. Walikar

#### Major Equipments:

- Cathode Ray Oscilloscope
- Trainer Kits
- Microscope Stereo Zoom
- Power supply
- Function Generator
- Radar & MicroWave Engg. Kit
- Antenna Trainer Kit

**Lab Area: 74.04 Sqm.**

## Communication System Laboratory



**Lab Location :** Laboratories Building

**Lab Incharge :** Prof. S. S. Babaladi

**Establishment Year :** 2008-09

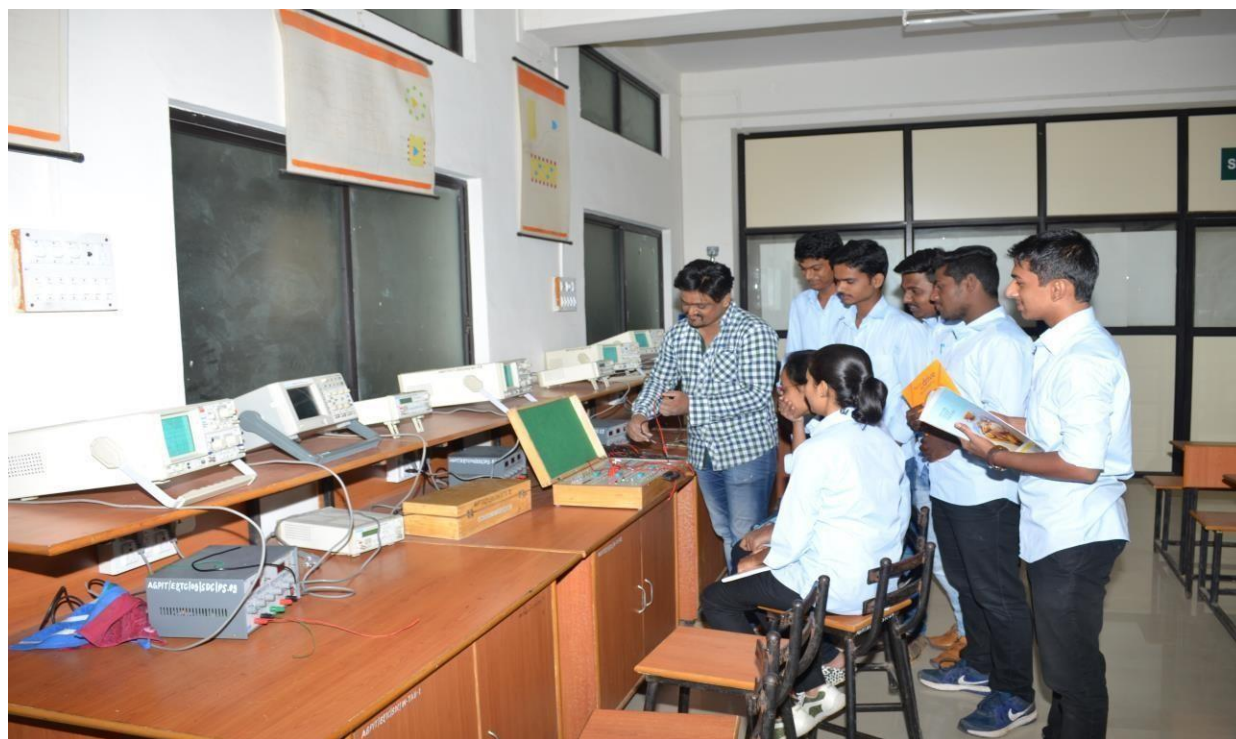
**Lab Assist. :** Ms. N.S. Alagi

### Major Equipments:

- Computer Systems – 25 Nos.
- Matlab 9.0 – 25 user
- Eagle PCB Design Software
- Proteus Simulation Software
- Printer : Laser , Dot Matrix
- LAN Connectivity – 100Mbps
- 24port Switch – 3 Nos.
- Internet connectivity - 2 Mbps Multi-User (Shared)

**Lab Area: 74.04 Sqm.**

## Switching & Digital Circuit Laboratory



**Lab Location :** Laboratories Building  
**Establishment Year :** 2008-09

**Lab Incharge :** Prof. S.P. Katke  
**Lab Assist. :** Mr. P. B. Walikar

### Major Equipments:

- Cathode Ray Oscilloscope
- Public Address System
- Power supply
- Digital Storage
- Oscilloscope (60MHZ)
- Spectrum Analyzer
- Digital Trainer Kits
- Function Generator

**Lab Area:** 74.04 Sqm.

## Electronic Software Laboratory



<b>Lab Location :</b>	Laboratories Building	<b>Lab Incharge :</b>	Prof. P.C. Dhavale
<b>Establishment Year :</b>	2008-09	<b>Lab Assist. :</b>	Mr. P. B. Walikar

### Major Equipments:

- Computer Systems – 25 Nos.
- Matlab 9.0 – 25 user
- Eagle PCB Design Software
- Proteus Simulation Software
- Printer : Laser , Dot Matrix
- LAN Connectivity – 100Mbps
- 24 port Switch – 3 Nos.
- Internet connectivity - 2 Mbps Multi-User (Shared)

**Lab Area: 81.43sqm**



## Internet & Project Laboratory



**Lab Location :** Laboratories Building

**Lab Incharge :** Prof. S. R. Sakhare

**Establishment Year :** 2008-09

**Lab Assist. :** Mr. P. B. Walikar

### Major Equipments:

- Computer Systems – 25 Nos.
- LAN Connectivity -100Mbps
- Internet connectivity - 2 Mbps Multi-User (Shared)
- Printer: Dot Matrix
- Microcontroller Kits
- VLSI Kits & Software
- Embedded System Kits & Software
- Hitachi LCD Projectors – 3 Nos.

**Lab Area:81.43sqm**

## Printed Circuit Board Laboratory



**Lab Location :** Laboratories Building

**Lab Incharge :** Prof. S. J. Ligade

**Establishment Year :** 2008-09

**Lab Assist. :** Ms. N.S. Alagi

### Major Equipments:

- Ultra Violet Exposure
- Etching Machine
- Schering Machine
- Curing Machine
- Drilling Machine
- Dip Coating Machine
- Dell S560 Desktop PC

**Lab Area: 74.04 Sqm.**

## Electrical Laboratory



**Lab Location :** Laboratories Building  
**Establishment Year :** 2008-09

**Lab Incharge :** Prof. S.P. Katke  
**Lab Assist. :** Mr. P. B. Walikar

**Major Equipments:**

- DC Shunt Motor
- Dimmerstat
- DC Power Supply (230 V)
- Kits

**Lab Area:** 133.83 Sqm.



## Robotics Laboratory



**Lab Location :** Laboratories Building

**Lab Incharge :** Prof. S. J. Ligade

**Establishment Year :** 2008-09

**Lab Assist. :** Ms. N.S. Alagi

**Major Equipments:**

- Omni directional Robot
- Fire Bird V Universal Robot
- Adaptor Boards
- Sensor Modules
- Dell S560 Desktop PC –

**Lab Area:** 81.43 Sqm.



## Microprocessor Laboratory



**Lab Location :** Laboratories Building

**Lab Incharge :** Prof. S. S. Babaladi

**Establishment Year :** 2008-09

**Lab Assist. :** Ms. N.S. Alagi

### Major Equipments:

- 8085 kits with LCD display 30 Nos.
- Interfacing Cards 8255 05 Nos.
- Interfacing Cards 8259 05 Nos.
- Interfacing Cards 8253 05 Nos.
- Interfacing Cards 8251 05 Nos.
- Interfacing Cards 7 Segment Display 05 Nos.
- Interfacing ADC & DAC 05 Nos. each
- Interfacing Cards Stepper Motor Control 05 Nos.
- Interfacing Cards Thumb wheel Switch 05 Nos.

**Lab Area:** 81.43 Sqm.