

DIGITAL COMMUNICATIONS LAB

Equipment To Be Conducted:

- Time division multiplexing.
- Pulse code modulation.
- Differential pulse code modulation.
- Delta modulation.
- Frequency shift keying.
- Phase shift keying .
- Differential phase shift keying.
- Companding
- Source Encoder and Decoder
- Linear Block Code-Encoder and Decoder
- Binary Cyclic Code - Encoder and Decoder
- Convolution Code - Encoder and Decoder

Equipment required for Laboratories:

- RPS - 0 – 30 V
- CRO - 0 – 20 M Hz.
- Function Generators - 0 – 1 M Hz
- RF Generators - 0 – 1000 M Hz./0 – 100 M Hz.
- Multimeters
- Lab Experimental kits for Digital Communication
- Components
- Radio Receiver/TV Receiver Demo kits or Trainees.

LAB IN-CHARGE