

III B.Tech I Semester

ANALOG COMMUNICATIONS LAB

Note: Minimum 12 Experiments have to be conducted

1. Amplitude Modulation & Demodulation
2. DSB-SC Modulator & Detector
3. SSB-SC Modulator & Detector
4. Frequency Modulation & Demodulation
5. Study of Spectrum analyser & analysis of AM & FM Signals
6. Pre-emphasis & De-emphasis
7. Time Division Multiplexing & Demultiplexing
8. Frequency Division Multiplexing & Demultiplexing
9. Verification of sampling theorem
10. Pulse Amplitude Modulation & Demodulation
11. Pulse Width Modulation & Demodulation
12. Pulse Position Modulation & Demodulation
13. Frequency Synthesizer
14. AGC Characteristics
15. PLL as FM Demodulator