

# ANALOG COMMUNICATIONS LAB

## List of Experiments:

1. AMPLITUDE MODULATION AND DEMODULATION
2. DSB-SC MODULATOR & DETECTOR.
3. SSB-SC MODULATOR & DETECTOR.
4. FREQUENCY MODULATION AND DEMODULATION
5. STUDY OF SPECTRUM ANALYZER AND ANALYSIS OF AM AND FM SIGNALS.
6. PRE-EMPHASIS & DE- EMPHASIS.
7. TIME DIVISION MULTIPLEXING & DE MULTIPLEXING.
8. VERIFICATION OF SAMPLING THEOREM.
9. PULSE AMPLITUDE MODULATION & DEMODULATION
10. PULSE WIDTH MODULATION & DEMODULATION
11. PULSE POSITION MODULATION & DEMODULATION.
12. FREQUENCY SYNTHESIZER.
13. AGC CHARACTERISTICS
14. PLL AS FM DEMODULATOR

**Note:** Minimum of 12 experiments to be conducted.