

COURSE TITLE : ANALOG COMMUNICATION LAB
COURSE CODE : 3049
COURSE CATEGORY : B
PERIODS/WEEK : 5
PERIODS/SEMESTER : 75 /3
CREDITS : 3

List of Experiments

On completion of the course the student will be able:

1. To setup active filters LPF,HPF and BPF
2. To setup audiopower amplifier
3. To setup AM generator using transistor
4. To setup AM generator using IC AD633
5. To setup AM demodulator
6. To setup FM modulator using IC 566
7. To setup FM demodulator using IC 565
8. To setup mixer stage using discrete components
9. To setup an IF tuned amplifier
10. To setup pre-emphasis and de emphasis circuits
11. To setup pulse amplitude modulator and demodulator
12. To setup a pulsewidth modulator using 555
- 13.** To setup a pulse position modulator using 555
14. To setup a frequency multiplier using IC 565
15. To study the CMOS PLL 4046