

2K6EC607(P) COMMUNICATION ENGG.1 LAB

LIST OF EXPERIMENT WITH COURSE OUTCOME

SL. No	LIST OF EXPERIMENT	COURSE OUTCOME
1	PULSE WIDTH MODULATION	CO1
2	DSB AM GENERATION USING BASE MODULATION	CO2
3	AM DETECTION	CO1
4	PAM MODULATOR AND DEMODULATOR	CO1
5	FREQUENCY MIXER	CO2
6	FREQUENCY MODULATION	CO1
7	PULSE POSITION MODULATION	CO1

CO-PO Mapping

CO	After completing the course the student will be able to	PO
C607.1	Design different types of modulators and demodulators like AM, FM, PWM,PAM,PPM	1,2,3,9
C607.2	Verify the operation of mixer circuit, PLL characteristics etc.	1,2,3,9

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs

with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.