



This is a third-year students' laboratory, it represents the practical side of the theoretical study of Data Communications, which is given during second semester.

LABORATORY OBJECTIVES.

1. Teaching students the basics of various analog and digital communication systems by implementing the following circuits:
 - a. Amplitude Modulation & Demodulation.
 - b. Frequency Modulation & Demodulation.
 - c. DSB-SC and SSB Modulation & Demodulation.
 - d. Pulse Width Modulation & Demodulation.
 - e. A/D Converter.
 - f. D/A Converter.

Using basic Communication Trainer KL-900A and other devices with good specifications such as signal generators, oscilloscopes and avometers.

2. Provide a practical experience to students so that they can understand the basics of communications.