Analog Communication Laboratory

The Analog Communication Laboratory provides practical knowledge of analog modulation and demodulation techniques, including Amplitude Modulation (AM), Frequency Modulation (FM), Phase Modulation (PM), and various pulse and continuous-wave communication systems. Students perform experiments to analyze modulation and demodulation characteristics, measure modulation index, study noise effects, and evaluate system performance. The laboratory helps students understand theoretical concepts through hands-on experiments and develop practical skills in communication system design, testing, and analysis.

Major Equipment in Analog Communication Laboratory

1. Amplitude Modulation (AM) Trainer Kit
2. Frequency Modulation (FM) Trainer Kit
3. Analog Communication Trainer Kit
4. Function Generator
5. Digital Storage Oscilloscope (DSO)
6. Digital Multimeter
7. Regulated DC Power Supply
8. Spectrum Analyzer
9. Connecting Wires and Patch Cords

Lab View







