



COMMUNICATION TRAINING SET





Communication Training Set is designed as a console structure. The set consists of a Core Assembly, Sinus Oscillator and RF Filters, Amplitude Modulation and Demodulation, Frequency Modulation and Demodulation, Analog-Digital and Digital-Analog Conversions, PWM Modulation and Demodulation, ASK Modulation and Demodulation, FSK Modulation and Demodulation, PSK Modulation and Demodulation, QPSK Modulation and Demodulation, PAM&PCM Modulation and Demodulation, Delta Modulation and Demodulation, FDM Modulation and Demodulation and TDM Modulation and Demodulation modules.





TECHNICAL SPECIFICATIONS

BASE EXPERIMENTS ACHIEVABLE WITH THE TRAINING SET

- Frequency Modulation and Demodulation Module
- FM Modulation Experiments
- FM Demodulation Experiments
- Analog – Digital and Digital – Analog Conversions Module
- 8 bit one channel analog – digital conversion (ADC)
- 8 bit 8 channel analog – digital conversion (ADC)
- Bipolar digital – analog conversion (DAC)
- Unipolar digital – analog conversion (DAC)
- PWM Modulation and Demodulation Module
- Pulse Amplitude Modulator (PWM) can be observed with minimum 2 experiments.
- Pulse Amplitude Demodulator can be observed.
- ASK Modulation and Demodulation Module
- Amplitude Shift Switching Modulation (ASK)
- Amplitude Shift Switching Demodulation (ASK)
- FSK Modulation and Demodulation Module
- Frequency Shift Switching Modulation (FSK)
- Frekans Shift Switching Demodulation (FSK)
- PSK Modulation and Demodulation Module
- Phase Shift Switching Modulation (PSK)
- Phase Shift Switching Demodulation (PSK)
- QPSK Modulation and Demodulation Module
- Four Phase Shift Switching Modulation (QPSK)
- Four Phase Shift Switching Demodulation (QPSK)
- PAM&PCM Modulation and Demodulation Module
- PAM Modulation
- PAM Demodulation
- PCM Modulation
- PCM Demodulation
- Delta Modulation and Demodulation Module
- Delta Modulation
- Delta Demodulation
- FDM Modulation and Demodulation Module
- FDM Demodulation
- FDM Modulation
- FDM Demodulation
- TDM Modulation and Demodulation Module
- TDM Modulation
- TDM Demodulation