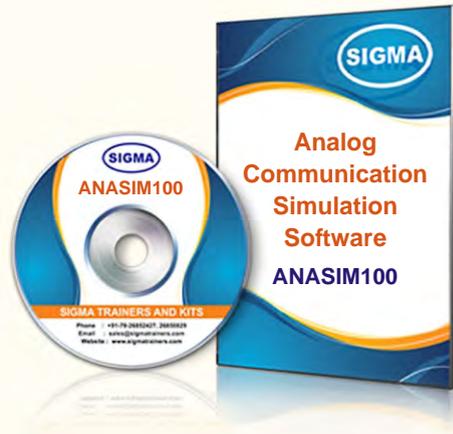# SIGMA

ANALOG COMMUNICATION MATLAB SIMULATION
MODEL - ANASIM100

This trainer provides training of software theory of Analog Communication Simulation Using Suitable software

1. Study of the detailed theory of Analog Communication.

2. Simulation of Analog Communication Circuits using MATLAB.

    Note: - Matlab Software Version 7 or greater is required to this simulations.

SPECIFICATIONS

1. Generate AM Waveform for given modulation index, Signal frequency and carrier frequency

2. Generate FM waveform for given signal amplitude and carrier frequency.

3. Prove sampling Theorem. Reconstruct the analog signal from its samples. Observe aliasing effect by Varying sampling frequency.

4. Software CD

5. Manual with Block Diagrams.