



QEEE COURSES

BASEBAND COMMUNICATION - DIGITAL COMMUNICATION TECHNIQUES

COURSE CONTENT:

- Characteristics of Signals and Frequency domain representations
- Linear Modulation
- Power Spectral Density of linearly modulated signals
- Signaling in Bandlimited channels
- Inter-symbol interference (ISI)
- Nyquist criterion for ISI avoidance and Pulse Shaping
- Timing Errors and Eye Pattern
- M-ary Constellations and Power Efficiency
- Nonlinear modulation
- Modulation with memory