

B-TECH Electronics & Communication Engineering

Wireless communication and networks

CO 1: To understand the basics of Wireless Communication Networks.

CO 2: Distinguish the major cellular communication standards (1G/2G/3G systems).

CO 3: Understand the cellular radio concepts such as frequency reuse, handoff and how interference between mobile stations affects the capacity of cellular systems.

CO 4: Able to understand the characteristics of different multiple access techniques in mobile/wireless communication.

Radar systems

CO 1: Students come to know about the block diagram of RADAR , radar frequencies and applications.

CO 2: Students come to know about False Alarm Time and Probability, Radar Cross Section, system losses

CO 3: Students come to know about Doppler Effect, CW and FM Radar.

CO 4: Define FM-CW Radar, Multiple Frequency CW Radar

CO 5: Students come to know about MTI and Pulse Doppler Radar, Parameters