

SYLLABUS :-

Pre-requisites: EC31001 and EC31002 Historical review; Uses of mobile radio-different services; Land, maritime and air services; Relation to navigational systems; Cordless telephones and wireless PABXs; Cellular system and frequency reuse; Analog and digital modulation techniques for mobile radio, signalling, control and connection to fixed network; Multipath and fading channels; Path loss, Diversity techniques; Mobile radio transmitters, receivers and link designing; System examples.