

SYLLABUS :-

Pre-requisites: EC31001 and EC31002 Evolution and growth of communication satellites, Keplers laws of motion, orbits, altitude control; Satellite launch vehicles; Arienne, SLV space shuttle; Sub systems of communication satellite; Spectrum allocation and Bandwidth considerations; Propagation characteristics, Satellite transponders and other sub systems; Earth station technology; Analog and Digital link design; Multiple access techniques: FDMA, TDMA, SS-TDMA; Interference in FDMA systems.