

Department. Of ECE
Virtual Lab Experiments

LINK: www.vlab.co.in

Sem: VII

Lab: Wireless and Satellite Communication

Lab under Virtual Portal: Wireless Communication Laboratory

Sr.No	Experiments	Virtual Lab link
1	To set up a satellite communication link and study of change in uplink and downlink frequency.	Not available
2	To study transmission and reception of audio and video signals and Data communication over satellite link.	Not available
3	To study transmission of Telemetry data like temperature and light intensity over satellite link.	Not available
4	To measure propagation delay of signal in satellite communication link.	Not available
5	To study different GPS data like longitude , latitude and different types of dilute of precision using GPS receiver.	Not available
6	To study selection of various PN codes like Gold, Barker and MLS in CDMA technology.	Not available
7	To study generation (spreading) and degeneration (de-spreading) of DSSS modulated signal.	Not available
8	To study voice communication over DSSS	Not available
9	To study Minimum Shift Keying modulation and demodulation.	Not available
10	To study radiation pattern and calculate beamwidth for Yagi uda and folded dipole antenna.	http://118.102.191.41/view2.php?link=T001
11	To study radiation pattern and calculate beamwidth for Circular and Triangular patch antenna.	Not available
12	To study FHSS and modulation and demodulation and transfer of numeric data.	Not available

Note:

As per prescribed syllabus, minimum ten experiments are to be performed.