Observe the transient phenomenon of terminated coaxial transmission lines in order to study their time domain behaviour (standing wave formation)

Study the behavior of terminated coaxial transmission lines in frequency domain.

Study the behavior of impedance matching for passive networks using Smith chart.

To study co polar and cross polar radiation pattern of an antenna using CST.

To do Impedance matching using Smith Chart.

Study of field pattern of various modes inside a rectangular waveguide using CST.

To design and simulate microstrip Antenna using CST.

Introduction to Smith chart and its application for the unknown impedance measurement

To simulate LPF with given cutoff frequency.

To Design and fabricate passive RF circuit for given frequency.