

MICROWAVE & RADAR ENGINEERING LAB

This laboratory caters the students of ECE Department of B.Tech branch. The objective of this laboratory is to link the theoretical concepts with practical feasibility thereby giving them a scope to learn basic circuitry and various waveguides of Microwave Engineering with their characteristics in a better way. This laboratory also caters the students of ECE about the basic concept of working principle of Radar Training system and its Doppler effect.

This lab is adequately equipped to conduct the experiments of Microwave & Radar Engineering. Students can further use these conceptual skills in the course of his/her own experimental projects in various fields and advance subjects pertaining to electronics field. The Microwave & Radar Engineering Lab is specifically designed to allow the students to get acquainted with different hardware waveguides/kits. Also, it enables the students to monitor the output of with the help of Analog and Digital Storage Oscilloscope (DSO). At the end of the course, the students are able to acquire competence associated with the knowledge of different Circuits and waveguides with their basic principles and applications.

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