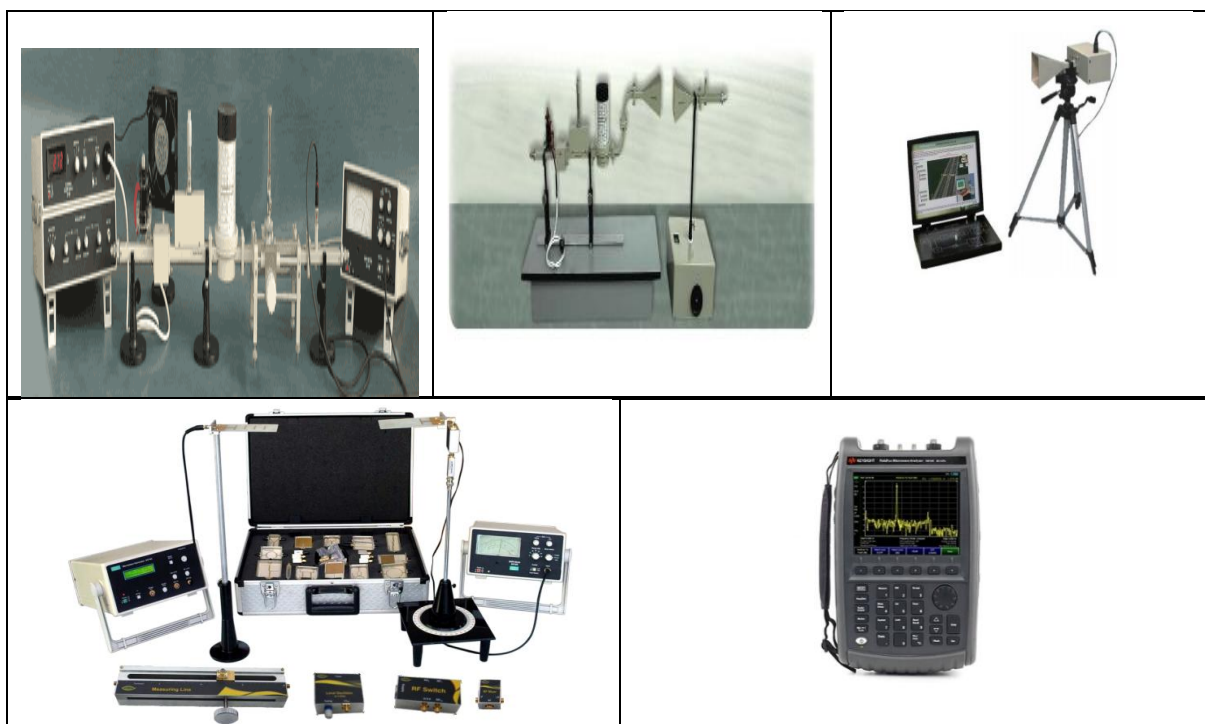


RF & Microwave Laboratory

Microwave is a term used to identify electromagnetic waves above 10^3 megahertz (1 Gigahertz) up to 300 Gigahertz because of the short physical wavelengths of these frequencies.

Short wavelength energy offers distinct advantages in many applications. These characteristics are ideal for use in both military and civilian radar and communication applications. Microwave laboratory of DIAT (DU) is set up with well equipment fulfilling the requirement of M.Tech experiments of Defence Electronics System, Navigational system, Radar, EMI/EMC and satellite communication system. There are some high end softwares in the lab like CST studio, HFSS that required for designing of microwave components and antennas.



List of Components

- | | |
|--|---|
| <ol style="list-style-type: none">1. Microwave Test Bench.2. Microwave Antenna Pattern.3. Measurement Setup.4. Radar Trainer Kit.5. MIC Trainer Kit. | <ol style="list-style-type: none">6. Keysight Network Analyser.7. NVIS make Radar Training kit.8. NVIS make Polar pattern measurement system.9. NVIS make Microwave Integrated .components (MIC) kit.10. Keysight Field fox Network Analyser. |
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