Name of the laboratory: Microwave Engineering

Course Outcomes:
- After Completion of the course the student is able to Examine Characteristics of Klystron and Gunn power supply
- Determine various parameters of microwave components

List of the equipment:
1. Regulated Power supplies (RPS) : 0-30 V
2. CRO’s: 0-20 MHz.
3. Function Generators: 0-2 MHz.
4. Multimeters
5. Microwave Bench Setup
6. VSWR meters
7. Klystron power supply
8. Gunn power supply
9. Microwave components.

List of experiments:
1. Reflex Klystron Characteristics.
2. Gunn diode characteristics.
3. Directional coupler characteristics.
4. VSWR Measurement.
5. Measurement of Waveguide Parameters.
10. Measurement of Microwave Frequency