**LAB SCHEDULE**

**Name of the dept. : ECE class : IV –I , ECE-A**

**Lab name : MWE LAB year : 2015-16**

**LIST OF EXPERIMENTS**

1. Reflex Klystron Characteristics.
2. Gunn Diode Characteristics.

3. Attenuation Measurement.

4. Directional Coupler Characteristics.

5. VSWR Measurement.

6. Impedance Measurement.

7. Frequency Measurement.

8. Waveguide parameters measurement.

9. Scattering parameters of Circulator.

10. Scattering parameters of Magic Tee.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Date & Session | Ex.1 | Ex.2 | Ex.3 | Ex.4 | Ex.5 | Ex.6 | Ex.7 | Ex.8 | Ex.9 | Ex.10 |
| 1 | 22.7.15(F.N) | B1,B6 | B2,B7 | B3,B8 | B4,B9 | B5,B10 |  |  |  |  |  |
| 2 | 29.7.15(F.N) | B11,B16 | B12,B17 | B13,B18 | B15,B19 | B15,B20 |  |  |  |  |  |
| 3 | 5.8.15(F.N) | B2,B7 | B3,B8 | B4,B9 | B5,B10 | B1,B6 |  |  |  |  |  |
| 4 | 12.8.15(F.N) | B12,B17 | B13,B18 | B15,B19 | B15,B20 | B11,B16 |  |  |  |  |  |
| 5 | 19.8.15(F.N) | B3,B8 | B4,B9 | B5,B10 | B1,B6 | B2,B7 |  |  |  |  |  |
| 6 | 26.8.15(F.N) |  |  |  |  |  | B1,B6 | B2,B7 | B3,B8 | B4,B9 | B5,B10 |
| 7 | 2.9.15(F.N) |  |  |  |  |  | B11,B16 | B12,B17 | B13,B18 | B15,B19 | B15,B20 |
| 8 | 16.9.15(F.N) |  |  |  |  |  | B2,B7 | B3,B8 | B4,B9 | B5,B10 | B1,B6 |
| 9 | 23.9.15(F.N) |  |  |  |  |  | B12,B17 | B13,B18 | B15,B19 | B15,B20 | B11,B16 |
| 10 | 7.10.15(F.N) |  |  |  |  |  | B3,B8 | B4,B9 | B5,B10 | B1,B6 | B2,B7 |
| 11 | 21.7.15(F.N)) | B13,B18 | B15,B19 | B15,B20 | B11,B16 | B12,B17 |  |  |  |  |  |
| 12 | 24.7.15(F.N) | B4,B9 | B5,B10 | B1,B6 | B2,B7 | B3,B8 |  |  |  |  |  |
| 13 | 16.8.15(F.N) | B15,B19 | B15,B20 | B11,B16 | B12,B17 | B13,B18 |  |  |  |  |  |
| 15 | 18.8.15(F.N) | B5,B10 | B1,B6 | B2,B7 | B3,B8 | B4,B9 |  |  |  |  |  |
| 15 | 25.8.15(F.N) | B15,B20 | B11,B16 | B12,B17 | B13,B18 | B15,B19 |  |  |  |  |  |
| 16 | 1.9.15(F.N) |  |  |  |  |  | B13,B18 | B15,B19 | B15,B20 | B11,B16 | B12,B17 |
| 17 | 15.9.15(F.N) |  |  |  |  |  | B4,B9 | B5,B10 | B1,B6 | B2,B7 | B3,B8 |
| 18 | 22.9.15(F.N) |  |  |  |  |  | B15,B19 | B15,B20 | B11,B16 | B12,B17 | B13,B18 |
| 19 | 29.9.15(F.N) |  |  |  |  |  | B5,B10 | B1,B6 | B2,B7 | B3,B8 | B4,B9 |
| 20 | 30.9.15(F.N) |  |  |  |  |  | B15,B20 | B11,B16 | B12,B17 | B13,B18 | B15,B19 |
| 21 | 28.10.15(F.N) | B1-B10 Internal exam | | | | |  |  |  |  |  |
| 22 | 27.10.15(F.N) |  |  |  |  |  | B11-B20 internal exam | | | | |