**LAB SCHEDULE**

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

**Lab name : MW &OC LAB year : 2015-16**

**LIST OF EXPERIMENTS**

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

3. Attenuation Measurement.

4. Directional Coupler Characteristics.

5. Impedance & Frequency Measurement.

6. Waveguide parameters measurement.

7. Scattering parameters of Circulator.

8. Scattering parameters of Magic Tee.

9. Characteristics of LED

10. Characteristics of LASER

11.Intensity modulation of LASER output through the optical fiber

12.Measurement of datarate for digital optical link

13.Measurement of numerical aperture

14.Measurement of losses for analog optical link

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Date & Session | Ex.1 | Ex.2 | Ex.3 | Ex.4 | Ex.5 | Ex.6 | Ex.7 | Ex.8 | Ex.9 | Ex.10 | Ex.11  Ex.12 | Ex.13  Ex.14 |
| 1 | 15/07/2015 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |  |  |
| 2 | 13/07/2015 | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |  |  |
| 3 | 23/07/2015 |  | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |  |
| 4 | 20/07/2015 |  | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |  |
| 5 | 30/07/2015 |  |  | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |
| 6 | 27/07/2015 |  |  | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| 7 | 06/08/2015 | B10 |  |  | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 |
| 8 | 03/08/2015 | B20 |  |  | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 |
| 9 | 13/08/2015 | B9 | B10 |  |  | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 |
| 10 | 10/08/2015 | B19 | B20 |  |  | B11 | B12 | B13 | B14 | B15 | B16 | B17 | B18 |
| 11 | 20/08/2015 | B8 | B9 | B10 |  |  | B1 | B2 | B3 | B4 | B5 | B6 | B7 |
| 12 | 17/08/2015 | B18 | B19 | B20 |  |  | B11 | B12 | B13 | B14 | B15 | B16 | B17 |
| 13 | 27/08/2015 | B7 | B8 | B9 | B10 |  |  | B1 | B2 | B3 | B4 | B5 | B6 |
| 14 | 24/08/2015 | B17 | B18 | B19 | B20 |  |  | B11 | B12 | B13 | B14 | B15 | B16 |
| 15 | 03/09/2015 | B6 | B7 | B8 | B9 | B10 |  |  | B1 | B2 | B3 | B4 | B5 |
| 16 | 31/08/2015 | B16 | B17 | B18 | B19 | B20 |  |  | B11 | B12 | B13 | B14 | B15 |
| 17 | 24/09/2015 | B5 | B6 | B7 | B8 | B9 | B10 |  |  | B1 | B2 | B3 | B4 |
| 18 | 14/09/2015 | B15 | B16 | B17 | B18 | B19 | B20 |  |  | B11 | B12 | B13 | B14 |
| 19 | 01/10/2015 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |  |  | B1 | B2 | B3 |
| 20 | 28/09/2015 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |  |  | B11 | B12 | B13 |
| 21 | 08/10/2015 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |  |  | B1 | B2 |
| 22 | 05/10/2015 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |  |  | B11 | B12 |
| 23 | 15/10/2015 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |  |  | B1 |
| 24 | 12/10/2015 | B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |  |  | B11 |
| 25 | 19/10/2015 | INTERNAL EXAM | | | | | | | | | | | |
| 26 | 26/10/2015 | INTERNAL EXAM | | | | | | | | | | | |

**Note: Session Indicates 3 (or) 4 Periods**

**B1 to B20 are batches and each batch contains 3 to 4 members**