

Optical fiber communication Laboratory

- **List of Experiments:**

1. To set up a analog optical fiber link
2. To set up a digital optical fiber link
3. To measure numerical aperture of optical fiber
4. To measure the characteristics of LED and LASER
5. To measure the characteristics of detector
6. To study propagation loss in optical fiber
7. To measure Bandwidth for analog communication for given LED

- **List of Equipments:**

1. Analog optical fiber link kit
2. Digital optical fiber link kit
3. Numerical aperture of optical fiber kit
4. Characteristics of led and laser kit
5. Characteristics of detector
6. Study of propagation loss & bending losses in optical fiber
7. Measurement of bandwidth for analog communication for given led

