



# Fiber Optics Fundamental & Hands-ON

## OVERVIEW

This 2-Day course has been designed to include hands-on skill to provide practical understand and skills required to properly design, install, test & commission, troubleshoot and maintain fiber optics network as well as to increase fiber optics network reliability and to reduce cost and network downtime.

Hands-On include fusion splicing, fiber optics standard testing & commissioning, troubleshooting using OTDR and maintenance aspect of fiber optic cabling network.

In order to appreciate the understanding of how & why fiber optics is designed that able to carry unlimited amount of data, one need to understand a simple light theory which will be incorporated into this 2-Day course.

## WHO SHOULD ATTEND?

- Open to beginners and experienced fiber optics personnel
- Those who are maintaining fiber optics network
- Those who are in supervision of IT projects
- Open to businessmen to expand & diversify their business network
- Open those who like to upgrade technical knowledge and skills

## METHODOLOGY

Lectures & Hands-ON

## MODULE OBJECTIVES

- To understand in simple terms of light theory and how it works that able to carry video, voice and data simultaneously.
- Safety in Fiber Optics against injury to competent personnel
- To fully appreciate the design of fiber optics in order to keep fiber optics lifespan within 15 – 20 years.
- Proper Way to fiber optics cables installation
- To conform fiber optics dB loss are within fiber specification loss after installation & jointing of fiber optics cable
- Easy & simple steps in troubleshooting fiber optics problematic cable.



**S&L CLAIMABLE**

