



Training Program:

FTTH Technology & Operation

INTRODUCTION:

This is a comprehensive course that provides the necessary background to understand the fundamentals of fibre optics transmission and distribution systems and their individual components including fibres, cable construction, connectors, splices, test equipment, communication basics, transmission basis and distribution basis. Participants will use this knowledge to develop the required techniques for design, installations and maintenance of FTTH systems as a direct application for the fibre optics distribution systems.

WHO SHOULD ATTEND?

Telecommunications engineers and technicians, Maintenance engineers and technicians, process control engineer, project engineers, Electrical engineers, consulting engineers, systems engineers, project managers, electricians.

COURSE OBJECTIVES:

- At the end of this practical workshop, participants would have:
- Detailed experience in jointing, splicing and testing fibre optics systems
- A solid knowledge of fibre optics communications systems
- Literature review for different communication and transmission system
- Latest applications for FTTX distribution techniques and specially FTTH
- How to design and install your own fully operational fibre optics FTTH system
- Approaches to troubleshooting the system operation