



Course Content

Copper and Optical Fiber Cabling

Issue No. : 001
Date of Issue : 01.08.2013
Revision No : Nil
Date of Revision : Nil
Page : 1 of 1



Name of the course:	Certificate in Optical Fiber Cable Splicing & Closure Techniques
Duration:	5 days
Venue:	Moratuwa, Peradeniya, Galle

Course content:

- ✚ Basic concepts of Optical Fiber Network.
- ✚ Light Theory and Fiber as Light guide.
- ✚ Identification of materials, accessories and different types of Fiber Optic cables.
- ✚ Pros and cons of fibers.
- ✚ Limitation to Fiber network-dispersion, losses, attenuations etc.
- ✚ Design of fiber link and Power Budget calculation.
- ✚ Hands on practice
 - ❖ Preparation of fibers for splicing
 - ❖ Splicing of Fibers & reinforcing (Fusion splicing / Mechanical connector)
 - ❖ Assembling the spliced fibers in standard closure
 - ❖ Measuring losses of the joint
 - ❖ Fiber arrangements in a Fiber Termination Box (FTB)
 - ❖ closures
 - ❖ Selection of them for the proper usage