

**Course Name : GPON**

**Course Time : 24 Hrs.**

**Course Prerequisites : Network + , Switching , Routing**

**Course Outline:**

- ❖ GPON Introduction
  - Advantages of PON/FTTx systems
  - The variants of the systems
  - PON network design
  - PON elements OLT/Splitter/ONT
  - Upstream and Downstream issues
- ❖ GPON Lab
  - SAFETY PRECAUTIONS AND INSTALLATION PROCEDURE
  - TERMINAL CLI
  - USER MANAGEMENT
  - ONT Profiles Configuration
  - VOIP Port CONFIGURATION
  - IPTV Port Configuration
  - ONT CONFIGURATIONS TEMPLATES
  - OLT/ONT MONITORING
  - OLT/ONT FIRMWARE UPDATE

**NOORAN**  
telecommunication