

Advanced Networking Technologies (Six Months)

Objective:

The Objective of the training is to train Diploma or graduates in Electronics / Computers/ Electrical/ Instrumentation to acquire advanced skills in Computer networking for Network management and administration and to install and trouble shoot advanced Servers and System software, Information Security, Routes, switches and Administration of open source software besides development of entrepreneurship skills.

The duration of the training can be divided into 3 phases as follows:-

Schedule	Program
I-Phase (one month)	Soft skill Training
II –Phase (four month)	Advanced Networking Training
III –Phase (one month)	Final Project

Syllabus

- ❖ **Basics of Networking**
- ❖ **IP Addressing/Subnetting**
- ❖ **Routers and Routing Basics**
- ❖ **Network Address Translation**
- ❖ **WAN Technologies**
- ❖ **WLAN Technologies**
- ❖ **Switch**
- ❖ **Security**
- ❖ **Server Administrator-Active Directory Configuring on Server 2008**
- ❖ **Network Infrastructure Configuring On Server 2008**
- ❖ **Server 2008 Administration**
- ❖ **Application Infrastructure Configurations on Server**
- ❖ **Server 2008 Enterprise Administrator**
- ❖ **Configuring OS/Windows/Linux**