

## DIPLOMA COURSE CONTENT

### **Course 1 : Computer and Network Fundamentals**

- Implementing Hardware and Networking Devices
- Installing and Managing Operating Systems
- IT Infrastructure and Systems Administration
- Network Design and Implementation
- Implementing Virtualization
- Data Sharing in Networks

### **Course 2: Microsoft Certified Solutions Associate ( Server Administration)**

- Installing Servers and Deploying Active Directory
- Designing and Managing Server Environments
- Managing Users/Clients in a Server /Domain Environment
- Implementing Group Policy
- Managing Server Roles ( includes roles such as DNS,DHCP,Web Server,VPN,Print Servers)
- Remote Management of Servers / Clients

### **Course 3: Cisco Certified Network Associate ( Network Administration )**

- Network fundamentals:
- Network Access:
- IP Connectivity:
- IP Services:
- Security Fundamentals:
- Automation and programmability:

### **Course 4 : Microsoft Certified Azure Fundamentals ( Cloud Administration )**

- Understanding Cloud Services (such as Cloud portal/Azure Calculator )
- Implementing Cloud Services
- Understanding Cloud Architecture
- Cloud Storage and maintenance
- Monitoring Cloud Services

### **Course 5 :Python Programming**



Introduction to Python  
Setting up a Python Environment  
Data Types & Variables  
Loops, Conditional & Control Statements  
Functions, & Classes  
Understanding IT Infrastructure automation

### **Additional Details**

**Duration : 6 - 8 months**

**Fees: 60,000/-**

**Installment Payment Option Available**

**Key learning outcomes include:** IT Infrastructure Implementation : Server /Network / Cloud administration .

Understanding cybersecurity principles

Students also gain practical skills in IT project management , system & network analysis, ensuring they are industry-ready.