Networking

Skill Enhancement Course (IV SEM)

Code : U-ADC-434-H

Syllabus (BASY)

UNIT I

1 Basic Information of Network

Introduction and classification of Network ,Functional block diagram of Network.

2 Identification of Network Parts

Introduction of network parts like Cable, Network Switch, Router, Connector,

Network Tools, Wall Rack, Modem, Wifi Dongle, Add-On Cards.

UNIT II

1 Installation of computer Network

Building your own Network with all parts, Network Topology ,Cable Crimping, Connections and other

2 Network Setting

IP Address Setting, Testing of connectivity, Sharing Device and Data, Testing

3 Uses of Internet

Remote Access, Drivers Downloading, Uses of sharing Software with internet

UNIT III

1 Information of CCTV Network

Introduction and classification of CCTV Network , Functional block diagram of CCTV Network

2 Identification of CCTV Network Parts

Types of Cable, DVR, NVR, Mouse, Monitor, HDD, Power and Video Connectors and other

3 Installation CCTV Setup

Installation of Online and offline setup, Security of CCTV Network.

UNIT IV

1 Troubleshooting

Fault Finding and Troubleshooting of Network and CCTV Network

2 Virus Removal

Installation of Antivirus software and Activation, Scanning Data recovery, password Recovery.