

UNION CHRISTIAN COLLEGE, ALUVA
DEPARTMENT OF ELECTRONICS & COMPUTER MAINTENANCE

Value Added Course: Computer Hardware & Networking

Syllabus

Module 1 10 hours

Computer fundamentals

Introduction - Computer Hardware, Identification of Components, Familiarization-
Software, DOS & Commands, Operating System, BIOS Setup Menu, Drivers, Booting.

Module 2 10 hours

Troubleshooting of PC, Assembling of PC, Installation-Operating System, Peripheral
devices, Drivers, Application software.

Module 3 10 hours

Networking Concepts (using Windows and Linux)

Installing of Ubuntu, Setup user, Basic network configuration, Setup ssh & remote
access, Setup http server, Configuring ftp server, File sharing.

Windows file sharing & network configuration, Configuring a PC to a network, Setup
RDP, Sharing files to other networks, Setup http service.

Setting of SSID's and Wifi passwords