

BROADBAND

Day 1	Demonstration & understanding of Network components used in Broadband: <ul style="list-style-type: none">• Understanding broadband Network Architecture• Identify the different cards in the DSLAM• Identify the different interfaces on the cards in the DSLAM• STM to Ethernet converters, Tier-1/Tier2 Switches, OCLAN Switches, BRAS/BNG etc
Day 2	Demonstrations of different types of modems & cables: <ul style="list-style-type: none">• Jumpering arrangement at Main Distribution Frame of Exchange in case of an existing• telephone user taking a BB connection• Observe the status of the ADSL port in the DSLAM• Jumpering arrangement at Main Distribution Frame of Exchange for Broadband• Understand Preparation of Straight Cable used for dissimilar devices
Day 3	DSL Modem configuration and Wireless access: <ul style="list-style-type: none">• Understand the Steps To Configure TCP/IP settings in the PC/Laptop• Steps Configure Modem in Bridge/Dial-Up/Single-User Mode• Steps for making Broad Band Dialer at PC/Laptop• Understand Steps for securing wireless access of Broadband through DSL modem using WEP encryption
Day 4	VLAN and DSLAM: <ul style="list-style-type: none">• Understand commands to assign vlan• Understand Making the port as an Trunk Port• Testing VLANs using ping command• Understand Setting up Configuration Environment on a DSLAM