

REGIONAL TRAINING INSTITUTE (SHILLONG)

Course Title: Computer Networking

Duration: 5 days w.e.f. 13 June 2022 to 17 June 2022

Session Timings:

SESSION	FROM
I	10 a.m
II	11.30 a.m.
III	1.45 p.m.
IV	3.15 p.m.
Tea Break	11.15 a.m.3 p.m.
Lunch Break	12.45 p.m.

Day	Session	Topics
13/06/2022 Monday	I II III to IV	Inauguration and Course briefing. Entry Behaviour Assessment Basic Networking Concepts, Introduction to Network, Data Transmission in a network, Transmission Modes & Speeds, Transmission Medium, Communication processors Network Topologies Protocols and Standards OSI Reference Model
14/06/2022 Tuesday	I II III IV	Concepts of LAN <ul style="list-style-type: none"> • Advantages and Disadvantages of LAN • Types of LAN • Different Topologies used in LAN WAN Internetworking technologies <ul style="list-style-type: none"> • WAN Utilization • WAN connections Data Communication Switching, Hubs, Routers, Bridges
15/06/2022 Wednesday	I to II III & IV	Planning a TCP/IP Network <ul style="list-style-type: none"> • Using Public and Private Addresses • IP Addresses and Subnet Mask • Understanding IP Address Classes Planning a Name Resolution Strategy <ul style="list-style-type: none"> • DNS and NetBIOS • Understanding Domains • Understanding FQDN Notation Sharing files, printers and other resources
16/06/2022 Thursday	I to II III & IV	Different OS in Network, Networking connection Types, Configure a DIAL-UP & Local Area connection in Windows Sharing files, printers and other resources, Passwords and Security.
17/06/2022 Friday	I & II III IV	Review of Grey area Course End Test. Valediction