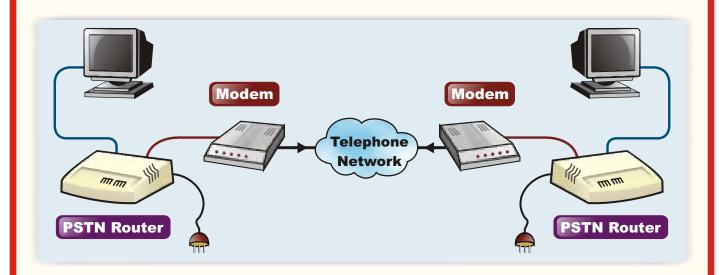
# SIGMA

# **PRACTICAL WAN NETWORK TRAINER**

MODEL - WAN100

This trainer provides training of hardware and software theory of Wide Area Network.



## **SPECIFICATIONS**

#### (A) WAN Hardware

1. UTP Cables with connectors : 3 Mtrs x 2 Nos + 1 Mtrs x 2 Nos.

PSTN WAN Router : 2 Nos.
Switch : 2 Nos.
Channel Phone Exchange : 1 No.

Note: - Two Computer systems (Pentium IV 1.5 Ghz, 80 GB HD, 128 MB RAM) with Windows XP are required to Operate this trainer.

Sigma Trainers and Kits

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Dealer:-

### WIDE AREA NETWORK TRAINER

# **EXPERIMENTS**

- 1. To understand theory of WAN
- 2. To understand OSI network layers
- 3. To understand WAN Protocols
- 4. To understand different types of WAN Networks by Signaling Methods: Ethernet, Arc net, Token Ring, Fast Ethernet, FDDI, Gigabit, ATM, ISDN
- 5. To understand different types of Networks by Arrangement type: Peer-to-Peer Network, Client-Server Network
- 6. To Study Installation procedure
- 7. To configure and install WAN Routers IRQ, I/O port address, Memory address
- 8. To install WAN Software
- 9. To test WAN installation
- 10. To connect analog phones on WAN lines and talk to each other.
- 11. To demonstrate and understand different types of faults