SIGMA

ISDN LINE SIMULATOR

MODEL - ISDN101A

This trainer provides training of hardware and software theory of ISDN technology.

SPECIFICATIONS

(A) ISDN HARD WARES

    1. ISDN Simulator   - 1 No.

    2. Analog Telephones   - 2 No.

(B) TRAINING PACKAGE

    1. ISDN Training software

(C) EXPERIMENTS:

1. To understand theory of ISDN
2. To understand OSI network layers
3. To understand ISDN Protocols
4. To understand different types of WAN Networks - by Signaling Methods: - Ethernet, Arcnet, 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 different types of ISDN Cards
7. To study ISDN adaptor and interfacing methods
8. To Study Installation procedure
9. To configure and install ISDN cards- IRQ, I/O port address, Memory address
10. To install ISDN Software
11. To test ISDN installation
12. To connect two computers through ISDN lines and transfer data between them.
13. To connect FAX machine to ISDN line
14. To connect Video phone to ISDN line.
15. To carry out video conferencing between two computers using ISDN Lines.
16. To demonstrate and understand different types of faults

Note: Three Computers are required for experiments on this trainer.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.