SIGMA

WIRELESS LAN TRAINER

MODEL - WLAN100

This trainer provides training of hardware and software theory of Wireless Local Area Networking of Computers.

SPECIFICATIONS

WLAN HARDWARE

1. Access Point : 1 No.
2. Wifi Wireless Card : 3 Nos.
3. Hub : 1 No.

EXPERIMENTS

1. To Study the Block Diagram and Working principle of WLAN networking
2. To Study Installation procedure
3. To configure and install Wifi Network cards IRQ, I/O port address, DMA channel
4. To configure Access point with RJ-45 connectors
5. To carry out cabling between computers
6. To install Network Software Server Software, Client software,
7. To test Network installation
8. To understand Proxy servers and connect networks to Internet
9. To connect two computers through WLAN and transfer data between them.
10. To understand and carry out IIS Server
11. To understand and carry out DHCP Server
12. To understand and carry out RAS Server
13. To perform sharing of resources Printer, Hard disk, CD-ROM drive
14. To demonstrate and understand different types of faults

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

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