



# WIRELESS LAN WITH WI-FI AND BLUE TOOTH NETWORKING

MODEL - WPAN100

This trainer has been designed with a view to provide practical and experimental knowledge of different methods for Networking between two computers..



## SPECIFICATIONS

### WPAN HARDWARE

- |                                |          |
|--------------------------------|----------|
| 1. Access Point                | : 1 No.  |
| 2. Wifi Wireless Card          | : 3 Nos. |
| 3. Hub                         | : 1 No.  |
| 4. Blue tooth V1.1 - compliant | : 2 Nos. |

## 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 perform sharing of resources Printer, Hard disk, CD-ROM drive
11. To understand theory of Blue tooth technology
12. To understand different types of Blue tooth Networks
13. To install Blue tooth Software
14. To test Blue tooth installation
15. To connect two computers through Blue tooth and transfer data between them.
16. 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.

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