SIGMA

COMPUTER PERIPHERALS INTERFACE TRAINER
MODEL - INTERFACE100

This trainer provides training of hardware and software of different types of interface for peripherals used in Computer technology.

SPECIFICATIONS

A) HARDWARE MODULES
1) I/O Ports and Interface:-

1. CPU socket / slot
2. Fan Connectors
3. SIMM /DIMM sockets
4. PCI/ISA/AGP/AMR Slots
5. Battery Socket
6. BIOS ROM Socket
7. Cache Memory Socket
8. IDE Connectors
9. FDD Connector
10. Serial Ports
11. Parallel Ports
12. USB Ports
13. IRDA Ports
14. Game Port
15. Keyboard Connector
16. Mouse Connector
17. Power connector
18. WOL connector
19. Power LED connector
20. Turbo Switch connector
21. Turbo LED connector
22. HDD LED connector
23. ACPI LED connector
24. Reset Sw connector
25. Key lock connector

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

26. PC speaker connector
27. VGA Header Connector
28. Audio Header Connector
29. CD Audio connector
30. LAN Header Connector
31. Modem Header Connector
32. Tuner/MPEG Header Connector
33. SCSI Header Connector

2)   I/O Cables:-
1. Serial Port Cables
2. Parallel Port Cables
3. USB Port Cables
4. Game Port Cable
5. Mouse Port Cable
6. IDE Connector Cables
7. Floppy Connector Cable

B)   SOFTWARE MODULES
1. WINDOWS 98   - TO WINDOWS 98

C)   EXPERIMENTS:
1. To study the Block Diagram of Computer Peripheral Interface.
2. To understand different types of Slots used in computer.
3. To understand different types of Sockets.
4. To understand different types of Cables.
5. To understand different types of Connectors used in computer.
6. To understand different types of Cables used in computer.
7. To study pin configuration of different types of connectors, kets, Slots and cables.

Note: -
One computer system (666 MHz Computer - 10GB HD, 32 MB RAM) with different peripherals is required for this trainer.