



# SONET (synchronous Optical Network) NETWORKING TRAINER MODEL - SONET100

This trainer has been designed with a view to provide practical and experimental knowledge of a SONET.

## SPECIFICATIONS

- (A) COMPUTER SYSTEMS: (Optional) -
1. Server - P-IV 80 GB HD-256 MB RAM - 1 No
  2. Client - P-IV 80 GB HD-256 MB RAM - 1 No.
- (B) SONET HARDWARE
1. 10/100/1000 Mbps SONET Card : 2 Nos
  2. FOT Cables with connectors : 5 Mtrs x 2.

## EXPERIMENTS

1. To understand theory of SONET technology
2. To understand SONET Protocols
3. To understand different types of SONET Networks
4. To study different types of SONET devices
5. To study SONET adaptor and interfacing methods.
6. To study Installation procedure
7. To configure and install SONET devices - IRQ, I/O port address, Memory address
8. To install SONET Software
9. To test SONET installation
10. To connect two computers through SONET and transfer data between them.
11. To demonstrate and understand different types of faults

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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