LT-01A
LOCAL AREA NETWORK TRAINER

LT-01A Local Area Network (LAN) Trainer is a multipurpose lab system designed for Network Lab experimentation.The trainer comes with experiments built for easy set up and quick understanding, yet comprehensive in coverage. Built as per IEEE standards the trainer brings you the latest in technology.

The LAN trainer comes integrated with custom software – LT soft, developed for optimized performance. The software allows for understanding of performance metrics at user defined levels. Detailed packet level information is provided to the user in real time to facilitate across-theboard performance analysis.

● **The protocols supported include**
  - Ethernet – IEEE 802.3
  - Wireless LAN – IEEE 802.11 b
  - Token Bus - IEEE 802.4
  - Token Ring - IEEE 802.5

● **Transmission flow control algorithms supported**
  - Stop & Wait
  - Go Back N
  - Selective Repeat

● **Other special features include**
  - File transfer - Modeled as IEFT RFC 959

Note : Specifications can be altered without notice in our constant efforts for improvement.

- Variation of error Probabilities
- Performance metrics at Application and Network levels including throughput, delay and protocol overheads.
- Analysis with graphing and export to spread sheets
- Covers the latest in W LAN 802.11 b / g, TCP Flavors, Real time analysis and has several additional features beyond the syllabus framework

● **Deliverables**
  - One LAN Trainer Hardware Unit
  - Four PCMIA slot compliant WLAN adapter cards for desk top computers
  - Four RJ 45 terminated 3 mt cables for connectivity
  - Software - LT Soft CD & User manual CD

● **Minimum System Requirements**
  - Operating System: Windows 98 SE and Above
  - Configuration of Computer: 256 MB RAM (Min), 512 MB preferred
  - Software: C Compiler, MS Excel for export of data
● One hard copy of installation guide and one soft copy of user manual will be supplied containing installation details, source code for exercises etc