ACCESSORIES:

- Blue Short Links (10"): 8 Nos.
- RS-232 Serial Cable: 02 Nos.
- DB25 Parallel Port Cable: 2 Nos.
- RJ11-RJ11 Connector Cable : 02 Nos.
- Plastic Fiber Cable Multimode: 01 Meter.
- Experimental Manual: 01 No.
- Power Supply Cable: 01 No.

LIST OF EXPERIMENTS:

- Study of Serial and Parallel Port.
- Study of Serial Communication.
- Study of flow controls in Serial Communication.
- Study of Protocols in Serial Communication.
- Study of Fiber optic Communication.
- Study of Modem Communication.
- Study of Wire less Communication.
- Study of Parallel Communication.
- Study of Printer Interface using Parallel Port.

SPECIFICATIONS:

- **Serial Communication : RS-232 port (9 pin & 25 pin)**
- **Parallel Communication: 25 Pin LPT Port.**
- **Wire Less Communication:-**
  - Infrared Transmitter: IR LED 920nm
  - Infrared Receiver: Direct TTL output
  - Baud Rate: 2.4kbps (max)
  - Carrier Frequency: 38Khz
- **Optic Fiber Communication:-**
  - Transmitter: Peak wavelength of emission 660nm visible Red
  - Receiver: Photo detector with TTL Logic output.
  - Baud Rate: 115kbps.
- **Fiber Optic Cable:-**
  - Type: Plastic Fiber, Step Index, Multimode
  - Lenght: 1 meter
- **Modem Communication:-**
  - Modulation: FSK Modulation
  - Mark Frequency: 300KHz
  - Space Frequency: 200KHz
  - Demodulation: PLL Detector
  - Mark Frequency: 300KHz
  - Space Frequency: 200KHz
  - Baud Rate: 19.2kbps (max)
  - Twisted Pair Link: RJ 11 Telephone Connector
  - Data Indication: 8 bit Received Data Display.
- **Switch Faults:-**
  - 4 Switch Faults are provided on-board to study different effects on circuit.
- **2mm Banana Socket for interconnection.**
- **20 Nos. of Test Points are provided on board to observe variouis intermediate signals.**
- **In-Built Power Supply +5V, ±12V**

Note: Specifications are subject to change.

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