



Institute of Telecom Technology and Management

(UNIT OF MTNL, DELHI)

Shadipur Telephone Exchange Building, Pandav Nagar, NEW DELHI-110008

INDUSTRIAL VISIT AT ITTM

ITTM conducts Industrial visit for Engineering and School students free of charge.

The Industrial visit covers visit to Transmission, Broadband, GSM, Switching & IP Labs at ITTM

ITTM has the necessary infrastructure, technical and academic competence and excellence for providing training in specialized courses in the field of GSM, Broadband Technology, Switching, Transmission, External Plant, IT, Computer systems and Management.

It has Well lit, spacious, modern and Fully Air-conditioned classrooms, fully equipped with LCD Projectors and having modern Furniture. In addition, ITTM has two 500 KVA Gen Sets for Uninterrupted Power Supply.

ITTM has well equipped GSM, Transmission, IP Networking and broadband labs to give first hand experience to its trainees.



ITTM INFRASTRUCTURE

A brief description of its infrastructure is given as under:

Transmission Lab



- Spacious and Air-conditioned Lab for Splicing.
- Live STM-1 Nodes for hands on training on configuration of SDH Systems on LCT
- **FTTH OLT** Node for live demonstration
- Testing instruments like PDH & SDH Analyzer
- Splicing machines
- OTDR
- Power Meter & source
- Variable Attenuator

IP Networking Lab

- 7 CISCO Routers of different Series
- 24 Port Switch
- PCs with Latest Configuration
- MPLS, ISDN & Broadband Connectivity
- One Set of 10 KVA UPS

GSM Lab

- Micro BTS 2G
- 3 G BTS (Node B)
- Ready to Impart Training on Components of BTS, Accessing of BTS and
- Alarm Identification at BTS

Broadband Lab

- DSLAMs of Ericsson, Huawei & Alcatel & Tier-2 Switches & BRAS of different makes available.
- Lab is Equipped with PCs Connected through Switch
- All make of MTNL Modems Available for Configuration Practice
- Training on Broadband and IP TV Troubleshooting
- Special Training on Wireless Modems
- PEM & NMS for Network Monitoring



Switching Lab

- OCB-283 switch subscriber rack
- EWSD switch
- **External Plant Lab**
- **LINUX/UNIX Lab**
- **PC Lab**
- **Library**

Additional Infrastructure

- Working Exchange (OCB-283 switch)
- MDF
- Power Plant
- Transmission room
- Battery room
- Power backup for uninterrupted power supply through 500 KVA Gen sets