

Technical Training & Development Centre - Korattur



Technical Training & Development Centre - Korattur

Date on when established

Technical Training & Development Centre – Korattur, was established on 01.06.1962

Location

This training centre is located within the 230 KV Korattur SS Campus ,

Address

Technical Training & Development Centre

230 KV SS Complex, Korattur. Chennai – 600 080 (Opp. To M/S Britannia Industries)

SI No	Description;	Name;	Phone No.
1	Land Line	Office;	044 - 26241151
2	Cell phone	Senior Manager	9445857611
3	Cell phone	Assistant Engineer	-
4	Cell phone	Assistant Engineer	-

E-Mail ID - aeettcktr@tnebnet.org

Level of Employees to whom training is imparted

Training is imparted to the following levels of participants

- Foreman
- Lineman
- Wireman
- Mazdoor
- Helper
- Administrative Supervisor
- Accounts Supervisor
- Assistants
- Assessors
- Inspector of Assessor
- Revenue Supervisor
- Meter readers

Infrastructure details

Class Room(30 Seat capacity)	- 1 No
Model Room	- 1 No
Office Room with attached Toilet	- 1No
S..M's Room	- 1No
Detached Toilets	- 2 Nos
Computer	- 2 Nos
LCD projector	- 1 No



Class Room



Class Room with participants

Hostel facilities if any & its location

--- Nil ---

Library facilities

The following books are available in this centre.

Technical Books	-	30
Technical monthly magazine	-	2
Course books	-	35

Models available

List of models available at TTDC - Korattur

- **Energy Conservation Model**
- **Transformer Structure**
- **Pillar Box**
- **Wind Mill**
- **Standard Fuse wires**
- **Sub-Station Layout-Radial-Protection**
- **Breather Model**
- **Various Types of Meters**
- **Types of Knots**
- **Different types of Clamps**
- **AB Switch Contact Model**
- **Conservation Tank Model**

Apart from the above models, in order to impart practical demo on fire extinguishing the following fire fighting equipments are available

- **Dry Carbon Powder (5 Kg & 10 Kg)**
- **Foam type fire extinguisher (9 litres)**
- **Water type fire extinguisher**
- **Carbon Di Oxide fire extinguisher**

Faculty details in brief

The Senior Manager, Assistant Engineers and Foreman of this centre imparts training to the trainees in their field of expertise.

Guest faculties who are familiar in areas like MRT, Sub Stations, Distribution Transformer operation & maintenance, Estimate preparation, tariff implications, Collections, Administrative and Accounting principles are invited and training with special care is given to the trainees

Apart from departmental subjects, training on Disaster management, Fire Fighting and First Aid is also given through specialized faculties.



First Aid Training



Fire Fighting Training

Achievements / Special Activities

The centre is running with one Senior Manager, two Assistant Engineers and one Foreman. So far 8718 employees have been trained for Regular Programmes and - for special Programmes.

Earlier long-term programmes (for about 2 months) were only conducted and the number of employees trained was limited. Later based on need analysis short-term programmes were introduced. Training on Technical aspects like measures for Reduction of DT failure, condition Monitoring and Handling Emergencies of SS equipments, Rectification of minor defects in Distribution Transformers etc are being conducted by experienced trainers in the respective fields to update the knowledge of the Technical staffs to the latest technological Developments. Also, Provincial staff of all categories is given training to enhance their work skill. Training on common relevant areas like disaster management of safety measures distribution efficiency and demand side management for technical staff training on “proactive excellence” for union executives, Balancing role for women employees of class III & IV seminar on “energy conservation and electrical safety for low tension consumers and students” are given to create awareness among the individuals.

Onsite training programs are given directly to the field staffs in their work area in line maintenance, DT adoption, Earth & Neutral maintenance, Safety etc.



Onsite Training



A special training program on "Theft of Energy" was conducted to the special squad of Ex-Servicemen, which has been formed to detect theft of energy. At TTDC-Korattur, 30 persons were trained from 29.09.2011 to 01.10.2011. The program included 3 days class room session and 3 days hands on practical session.



National Level Training Programmes

National Level Training Program funded by Rural Electrification Corporation & Power Finance Corporation (RAPRDP) were conducted in the centre for class C & D employees

Energy Conservation Activities

Training on energy conservation to School / College Students and general public is being given free of cost. Minimum 4 programs are conducted every month.

Training has been given to nearly 30000 schools children / Colleges Student on Energy Conservation and Electrical Safety during this year (2011 – 2012).

Future plans

- It is proposed to erect a model Triple pole Distribution Transformer structure with LT feeding arrangement at this centre.
- It is proposed to conduct safety classes every month throughout Chennai regions to create awareness and to avoid frequent accidents.
- “Distribution Transformer Failure Free” Sections will be identified and to be awarded with a certificate and a shield for which it is proposed to conduct onsite motivation classes to avert DT failure.
- It is proposed to prepare safety technique animation for easy learning and understanding.
- Video presentation on RMU regular operation and trouble shooting techniques.