

# CABLE JOINTING TRAINING AND DEVELOPMENT CENTRE / CHENNAI

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The Training Centre is Located and functioning in 33/11KV Nehru Indoor Stadium Substation Ist Floor, Kannappar Thidal, Periamet, TANGEDCO(Formerly TNEB) Chennai-3.



The Cable Jointing Training and Development Centre was established in the year **1962**.

## **Training imparted at CJT&DC**

With rapid development of urban power networks, overhead line system face serious challenges in ensuring reliability of power supply, safety considerations, creation of smart cities, congested narrow pathway etc. This places a special demand for underground cable network. In CJT&DC training is imparted to both the officers & work force of TANGEDCO & TANTRANSCO (formerly TNEB) in the field of UG Power Cables & Jointing Techniques and in both theory and practical.

## **Special & Unique feature of CJT&DC**

CJT&DC is an exclusive training centre which gives 'Hands on Practical Training' to the work force (Field Staff) in the field of Power Cable Jointing to make them Skilled Jointers. It is unique of its kind in India.

From December – 2010 onwards, CJT&DC extended its training program to the outside persons also (i.e persons other than TNEB).

In this centre, practical cable jointing training programs (certificate course) are also conducted for the outside persons at regular intervals with reasonable participation fee.



Er. K. Chandrasekar, General Manager/HRD giving away prizes to the best performed participants on the 11 kV cable jointing hands on training program for outsiders along with TANGEDCO employees (24 May 2024).

**New**

## **INFRASTRUCTURE**



### **Lecture Hall**

CJT&DC has a well-equipped Air Conditioned Lecture hall with all modern amenities such as

- LCD Projector
- Broad Band Internet Connection with e-mail facility
- Complete Audio System
- Computer with all accessories

### **Screens / Boards, Video collections**

Video presentations of all types of Joints, Laying of Cables, Manufacturing Process of Cables, Fault Joint Case Studies, etc are also available



### **Practical Hall**

CJT&DC has separate practical hall with all tools and accessories needed for imparting practical such as

1. Various Sizes of Cables & Jointing Kits
2. Crimping Tool
3. Gas gun with gas cylinders
4. Tools Kit with all essential items for imparting practical training.

### **Testing Equipment**

Practical joints and Termination done by trainees are tested by means of High voltage Kit.

## MODEL CABLE BITS & JOINTS - TESTING FACILITY AT CJT&DC

Different varieties, Different Sizes & Different models of Power Cables, all Types of Joints & Terminations are Exhibited. In CJT&DC finished joints are tested with system voltage/High voltage Kits.



## **The following training programmes are conducted at CJT&DC FOR TANGEDCO STAFFS**

### **I. Cable jointing hands on training for field staff – Level: Gangman to Foreman**

1. Low Voltage Hands on Practical Heat Shrinkable Cable Jointing Course – 3 Days
2. 33KV High Voltage Hands on Practical Heat Shrinkable Cable Jointing & Termination Course – 5 Days
3. 11KV High Voltage Hands on Practical Tapex Cable Jointing Course – 4 Days

The objective of the training programs is to enable the participants to perform the Power Cable Joint & End Termination in the field in a systematic & professional manner and make them as **Skilled Jointers**.

### **II. 3 Days Workshop about UG Power Cables & Jointing Techniques.-**

Level of participants – Engineers

### **III. One day on-site Awareness Training Program about UG Power Cables & Jointing Techniques At Regional Level & Generating Stations**

### **IV. Awareness Training Program about Power Cables & Jointing Techniques Level of participants:**

T.As & J.Es II Grade. -2 Days

### **V. 5 Days “11 KV Heat Shrinkable Aluminium XLPE Power Cable Jointing & End Termination – Hands on practical Training ” Aluminium XLPE Power Cable Jointing & End Termination – Hands on practical Training ” for outsiders along with TANGEDCO employees**

On-site training programmes is being conducted by this centre in all the Regional Head Quarters, Thermal Generating stations & Hydro Generating stations for both engineers & Field staff.



## **Revenue Augmented & National Level Training Programmes**

In CJT&DC Revenue oriented programs are conducted for outside persons with reasonable participation fee. Participants from ISRO – Sri Harikota, Durgapur steel plant – West Bengal, Chittaranjan - Eastern Railways, Cordite factory – Nilgris, Chennai Corporation, Various Cement factories across India, Refineries, Educational Institutes, also Participants from abroad - Oman, Bhutan etc have been successfully trained on cable jointing training techniques in various programs.

### **Organizations may contact for group training programs:**

Senior Manager/ HRD

Cable Jointing Training & Development Centre 33/11KV Nehru Indoor Stadium Sub-Station (1st Floor)

TANGEDCO (Formerly TNEB), Kannappar Thidal, Periamet,

(Near Choolai post office) , Chennai – 600 003./ Tamil Nadu / India.

**Contact No : Phone No: 044 – 29551171,9445850814**

**E-mail Id : aecjtc@tnebnet.org**

# Hands on practical Training for OUTSIDERS along with TANGEDCO employees

This program will be conducted from time to time.

The dates for the training will be announced in the website in one month advance



SCROLL DOWN  
THE PAGES FOR  
UPCOMING  
PROGRAM

**On the valediction day of "5 Days, 11 KV Heat Shrinkable Aluminium XLPE Power Cable Jointing & End Termination – Hands on practical Training" for outside participants along with TANGEDCO employees (24 May 2024)**

Duration of the Training	5 Days
Training Venue	<b>CABLE JOINTING TRAINING AND DEVELOPMENT CENTRE</b> 33/11 KV Nehru Indoor Stadium SS (1st floor) Kannappar Thidal, Periyamet, Chennai-600 003, Telephone :- 044-29551171 Email ID : <a href="mailto:aecjtc@tnebnet.org">aecjtc@tnebnet.org</a>
Date of Training	Will be published before a month in website <a href="https://www.tnebltd.gov.in">https://www.tnebltd.gov.in</a> <b>SEE THE FOLLOWING PAGES FOR THE UPCOMING PROGRAM</b>
Requisite Qualification	No specific educational qualification is prescribed. However, the candidate shall have basic electrical knowledge to understand the course. Those who have completed one year ITI course in Electrician or Wireman trades will be given preference for joining the course.
Eligibility	A maximum of 3 external participants per batch will be permitted along with TANGEDCO employees. Preference will be on first come first serve basis.
Training fees	<b><u>Rs. 17,700/-</u></b> (Rs.15,000 + GST 18% 2,700) 5 Days training includes training fees, training material, snacks with tea and working lunch (accommodation facility will NOT be provided)



**Cable Jointing Training and  
Development Centre,  
TANGEDCO, Chennai - 600003**

**TANGEDCO invites outside participants  
(on payment basis) for a training program on  
“11 KV HEAT SHRINKABLE ALUMINIUM  
XLPE POWER CABLE JOINTING &  
END TERMINATION “**

**A maximum of 3 (three) external participants will  
be allowed to participate in the training program  
along with the TANGEDCO employees. Admission  
will be on ‘first come first served’ basis**

**5 DAYS  
HANDS ON PRACTICAL TRAINING**

**03.06.2024 to 07.06.2024  
[Monday to Friday]**



at  
Cable Jointing Training and Development Centre,  
Inside the premises of 33/11 kV Nehru Indoor  
Stadium Sub Station (TANGEDCO),  
Kannappar Thidal, Periyamet, Chennai-600003.



## Fee Details

Fee to be paid on or before  
**31 May 2024**

**Rs:15000 + 18% GST**

Fee can either be paid to the account:

“SUPERINTENDING ENGINEER /  
CDC/TANGEDCO

CANARA BANK A/C NO:

0911201010011

IFSC CODE:

CNRB0000911

or

BY DD drawn in favour of  
“SE/CDC/TANGEDCO”

Payable at Chennai

(Fee is Non-refundable)

Fee inclusive of working lunch and  
course material

(accomodation will not be provided)



33/11 KV NEHRU INDOOR STADIUM

SS (1ST FLOOR),

Kannappar Thidal,

Periyamet,

Chennai-600003.

Kindly register by  
confirming through

email

[aecjtc@tnebnet.org](mailto:aecjtc@tnebnet.org)

## Requirements:

Basic electrical knowledge

is essential. Wireman /

Electrician trade certifice (ITI)

is preferable

## Contact Person:

Senior Manager, CJT&DC

Landline No : 044 2955 1171

Mobile No : 9445850814