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राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
NATIONAL POWER TRAINING INSTITUTE
सक्रिय लाईन प्रशिक्षण केन्द्र
HOT LINE TRAINING CENTRE
(Ministry of Power, Govt. of India)



(An ISO 9001 : 2000 & ISO 14001 : 2004 Certified Organisation)

No. NPTI/HLTC/Awareness Trg./ 1144

Date: 21/02/2017

To

The Director,
Board of Technical Education,
Govt. of Karnataka,
Bangalore

Sir,

Sub: 2-3 days skill development/awareness programme on Transmission & Distribution line Maintenance-Reg.

Hot Line Training Centre, National power Training Institute under Govt. Of India is an Autonomous body under Ministry of Power has been conducting training programmes for power sector personnel for Indian as well as for foreign trainees since five decades.

With reference to prime Minster of India's slogan for **skill development for youth**, HLTC, NPTI, Bangalore took immense interest & put forward a proposal to conduct 2-3 days skill development/ awareness training programme on Transmission & Distribution Line maintenance.

You are therefore requested to circulate this brochure to all Polytechnic institutes in Karnataka so that they will nominate the final year batch of students (especially electrical branch) to attend the said course with nominal amount of Registration fee. The commencement of programme can be fixed on mutually agreed and convenient dates. For detailed information and circulation brochure copy is enclosed herewith.

Thanking you,

Encl: As above

Yours faithfully

K. S. Kumar

Dy. Director, I/C

JD (CDD)

CP

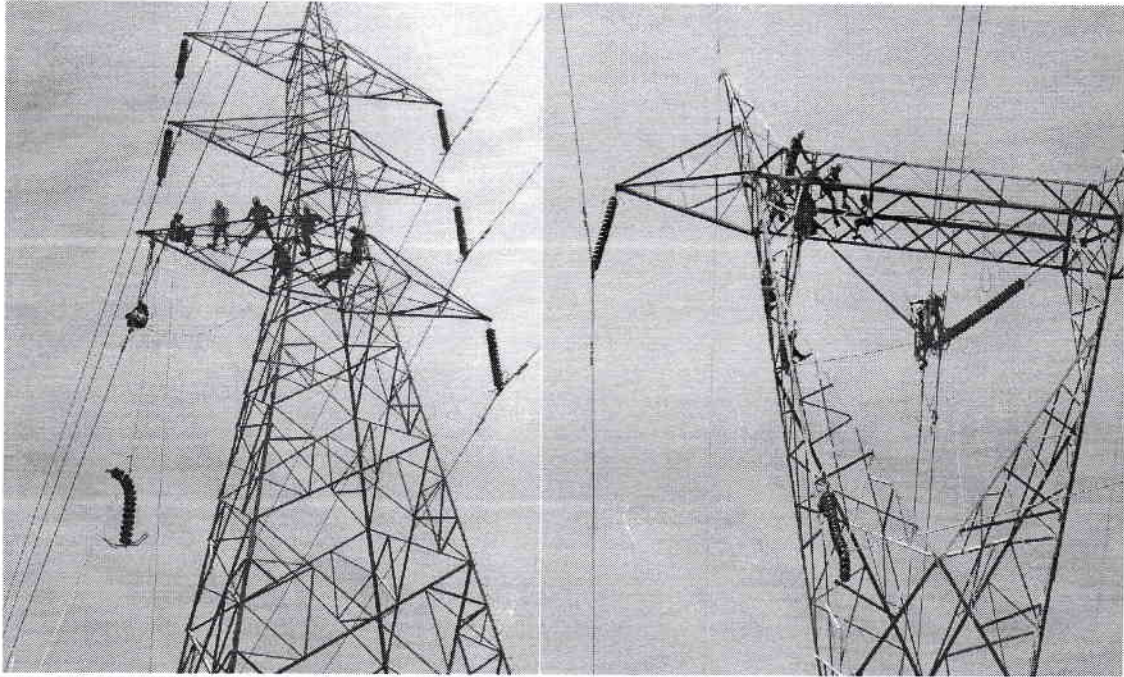
TO e-Governance

1-08/03/17

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Corporate Office : NPTI Complex, Sector - 33, Faridabad - 121 003 (Haryana) Phone : 0129-2275475 Fax : 2277412

2 / 3 DAYS SKILL DEVELOPMENT PROGRAMME ON TRANSMISSION LINE MAINTENANCE FOR STUDENTS



Organised by:



NATIONAL POWER TRAINING INSTITUTE
HOT LINE TRAINING CENTRE
26th K.M., KANAKAPURA MAIN ROAD, SOMANAHALLI GATE,
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Website: www.hltc.in

About the programme:

As you aware that the Govt. Of India initiated the “**skill development programme**” to enhance the skill of individual which helps them to self-sustain. This is the flagship programme of the Ministry of Skill Development & Entrepreneurship (MSDE). The objective of this Skill Certification Scheme is to enable a large number of Indian youth to take up industry-relevant skill training that will help them in securing a better livelihood. Individuals with prior learning experience or skills will also be assessed and certified. The outcome of this collaboration should ideally lead to inclusive growth especially for those at the bottom of the pyramid.

As a part of this the National Power Training Institute (NPTI), Hot Line Training Centre (HLTC), under ministry of power, Govt. Of. India Bangalore – 560082. took immense interest & put forward a proposal to conduct 2-3 days awareness cum training programme on Transmission Line maintenance to students of Engineering college, polytechnics & ITI’s especially for Electrical Trade.

TOPICS:

1. INTRODUCTION TO TRANSMISSION LINES.
2. CAUSE FOR FAILURE OF TRANSMISSION SYSTEM.
3. TYPES OF LINES MAINTENANCE TECHNIQUES.
4. PRACTICAL APPROACH TO LINE MAINTENANCE.
5. SAFETY ASPECTS IN LINES MAINTENANCE.
6. TESTING OF LINE EQUIPMENTS.

Who should attend?

This Programme is aimed to train the student’s preferably who need knowledge of Electrical Lines Maintenance(Diploma/ B.E in E&E).

Registration fee & Certification:

The registration fee per Student is **Rs. 100/-** (Rupees One Hundred Only). The Participants will be awarded with **Participation certificate** after successful completion of the programme.

Venue:

Hot Line Training Centre, NPTI, 26th K.M. Kanakapura main Road, Somanahalli Gate, Bangalore – 560082.

Travel: Participants / Institutions have to make their own travel arrangements.

Boarding & Lodging Facility:

The institute has well-furnished hostel and canteen facility (in campus) can be availed on additional cost if required.

Note: The Dates of Programme can be Mutually Decided.

About NPTI / HLTC:

Hot Line Training Centre (HLTC) located at Bangalore, is the oldest Institute under National Power Training Institute (NPTI). It is the only one of its kind in South Asia. Established in 1958, training at HLTC enables trained personnel to attend to maintenance works on Transmission Lines and Switch Yards without power interruption. Since its inception HLTC had trained more than 3000 personnel including participants from Sri Lanka and Afghanistan in the field of Live Line Maintenance Techniques.

HLTC imparts training on Live Line Maintenance of EHV Lines & Switch Yards, Punctured Insulator Detection, Live Line Insulator Washing etc. All the Power utilities of India and abroad can make use of these training facilities.

Hot Line Training Centre (HLTC) has been imparting Live Line Maintenance Training on Transmission Lines, Switch Yards etc., using Hot Stick Method and Bare Hand Method since 1958. It has an established name in the Indian power sector among countries of SAARC and Middle East.

History

For supply of Power without interruption to the consumer, Transmission Lines and Switch Yards must be maintained without taking outage. Hence the need of well trained Personnel to undertake Maintenance on Live Transmission Lines and Switch Yards. HLTC was set up under CWPC in the year 1958 - one unit each at Peenya, Bangalore and Ganguwal, Punjab. HLTC was brought under CEA in the year 1974. Inauguration of the HLTC at its Somanahalli complex was held in the year 2000. With effect from 1st April 2002, HLTC was merged with National Power Training Institute (NPTI) (An Apex body for Training) which is ISO 9001:2000 Organization under Ministry of Power, Government of India.

Scope of Training

Live Line Maintenance Technique (LLMT) using Hot Stick Method (HSM) up to 132Kv was extended up to 220Kv in the Year 1974. Bare Hand Method (BHM) of training on 400Kv was introduced in the Year 1997.

Regular Training Courses

- Live Line Maintenance Techniques (LLMT) using Hot Stick Method (HSM) up to 220kV
- Live Line Maintenance Techniques (LLMT) using Bare Hand Method (BHM) up to 400kV
- Switch Yard Maintenance
- Live Line Insulator Washing(Onsite Course)
- Live Line Testing of Punctured Insulator Detection
- Capsule Course For Executives on Hot Line Activities

For more Information please contact:

**Sh. L. Shiva Kumar, Asst. Director
(Programme co-ordinator)**

Email: shiva.npti@gov.in, Website: www.hltc.in

Ph: +91-97313 76888

**National Power Training Institute,
(Under ministry of power, Govt. of India)**

**Hot Line Training Centre,
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Working Hours 09-30 AM to 06.00 PM (Monday to Friday)**