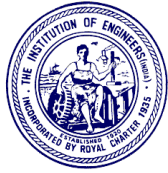




Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. TS, India

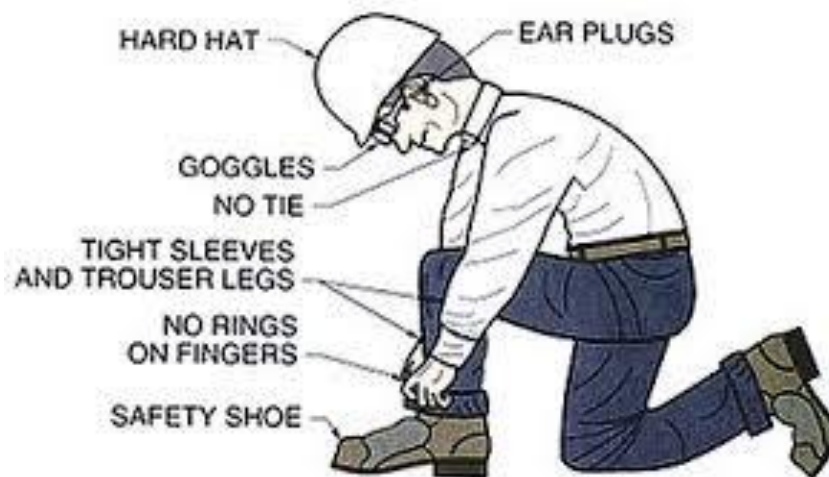


POWER & ENERGY DIVISION

Classroom Continuing Professional Development Programme on **Electrical Safety Procedures & Accident Prevention**

27 - 30 May, 2025

at ESCI, Hyderabad



(An IMS Certified (ISO 9001:2015 QMS, ISO 14000:2015 Env'tl. Mgmt., ISO 45001:2018 (OH&SM), ISO 50001:2018 EnM), AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION

Power distribution reform is widely viewed today as fundamental to improve commercial performance and financial viability of the power sector in India.

In the new environment the power utilities are looking to change their business structures to meet the challenge of deregulation, growing competition, effect of new technologies and climate impact.

Electrical Power Engineers in the utilities will therefore be distinguished by their ability to adopt safety procedures during operation and maintenance. Timely and proper first aid could save several lives of their own colleagues.

OBJECTIVE

The objective of this course is to build the capacity of technicians, junior management and middle management to adopt electrical safety procedures to prevent accidents, to impart awareness regarding statutory Rules, Regulations and Safety Audit, to take timely action to arrange first-aid during the accidents.

COURSE COVERAGE

- Basic Safety Principles, Safety as a Concept and Vision for Management.
- Safety Checks and Analysis for Effective Implementation.
- Identification of Hazards & its removal
- Earthing and Its Importance for Safety
- Operational and fire safety, Classes of fire, causes of Electrical fires, addressing electrical fire emergencies, minimizing risk of transformer fires, Fire damage control practices, Fire suppression systems, categories of fire extinguishers
- Electric Shocks, Direct and Indirect Shock levels, arcing shock, Flash Protection, Categories of PPE Statutory Rules, Regulations (CEA) and Safety Audit
- Cables- Types, selection of cables as per CEA regulations, cable routing, Laying and general safety rules in cable erection, Testing and commissioning.
- First aid for accidents and electric shock, Safety Procedures for Recovery/Resurrection
- Cardio Pulmonary Resuscitation (CPR) & Demo
- Demonstration of fire extinguishing techniques by Department of Fires
- Field Visit

METHODOLOGY

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning. The classrooms are provided with latest audio – visual teaching aids. The ambience in the campus and classrooms facilitate in effective learning by participants.

FACULTY

Apart from Core Internal Faculty, Consulting Firms, Government Organisations, Manufacturing, Academic and Research Institutions etc. will share the sessions.

TARGET PARTICIPANTS

Junior and Middle Management (Executive Engineer, Assistant Engineer, and Junior Engineer or their equivalent) of the utilities.

PROGRAMME VENUE, DATES & TIMINGS

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad - 500032, Telangana, India.

DATES

27 - 30 May, 2025

TIMINGS

On the first day registration will commence at 0900 Hrs. On all other days the programme timings will be from 0945 to 1715 hrs with breaks in between for tea and lunch.

ACCOMMODATION

Participants will be accommodated in our Executive Hostel located within ESCI Campus. The accommodation will be on twin sharing basis.

COURSE DIRECTOR

Er. Vidya Sagar Ubba, FIE

Head & Sr. Faculty - Power & Energy Division, ESCI
(Mob: 8179559990)

COURSE FEE

Residential Fee is Rs.22,000/- per participant. Residential fee includes Course Material, Course Kit, and Twin-sharing / Single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks.

DISCOUNTS

Non-Residential Fee: 10% discount on course fee is allowed for non-residential participants.

Group Discount: 10% discount for three or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI a week before the commencement of the programme)

GST @18% (as applicable) is to be paid extra over and above the training fee. ESCI's **GST No. 36AAATT3439Q1ZV, PAN Card No. AAATT3439Q.**

The course fee is to be paid in favour of **“IE (I) – ENGINEERING STAFF COLLEGE OF INDIA”** in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI – Current A/c No. 33705165550** with The SBI, Manikonda Branch, Gachi Bowli, Hyderabad – 500 032 by **NEFT / RTGS / IFSC Code No: SBIN0011076 – MICR No: 500002107.** While using EFT method of payment, please ensure to communicate us your company name, ESCI invoice reference and programme title.

Online registration is available on ESCI website. To register, manually please send your nominations (**10 days** prior to date of commencement of the programme) giving details of name, designation, contact address, email address, mobile number, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

Head, Power & Energy Division

Engineering Staff College of India

Gachibowli, Hyderabad – 500 032 (TG)

Mobile No's: 9885372277 / 7287860384

Email: pe.esci@gmail.com / pe@escihyd.org; Website: www.escihyd.org

CERTIFICATE: A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will facilitate pickup and drop from Airport / Railway Station / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participants directly to the cab driver.
- ESCI provides complimentary accommodation to participants a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00 hrs a day prior to the commencement & check out at 12:00 hrs a day after completion of the programme)
- Overstay charges of @ Rs.1,120/- per day / per head (Food will be charged extra).
- Well-developed Information Centre and Internet facilities are available to the participants free of cost.