

PRAGATI ENGINEERING COLLEGE

(Autonomous)

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(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NBA)
(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

SEMINAR REPORT

ON

MONSOON ELECTRICAL SAFETY PRECAUTIONS

AY 2024-25

Dt. 28.07.2024

A Seminar on **MONSOON ELECTRICAL SAFETY PRECAUTIONS** was conducted by Mr. S. Nani Babu Asst Professor in Association with Student chapter IE(I) of EEE Department.

The monsoon season brings heavy rainfall, strong winds, and flooding, which can pose significant risks to electrical safety. This report outlines essential precautions to ensure electrical safety during the monsoon season.

Precautions

1. **Avoid Water Contact:** Keep electrical appliances and outlets away from water to prevent electrocution.
2. **Use Waterproof Covers:** Cover electrical outlets and switches with waterproof covers to prevent water ingress.
3. **Install GFCI:** Install Ground Fault Circuit Interrupters (GFCI) to detect and prevent ground faults.
4. **Check Wiring:** Inspect electrical wiring for damage or wear and tear, and repair or replace as needed.
5. **Avoid Overloading:** Avoid overloading electrical circuits to prevent overheating and short circuits.
6. **Keep Appliances Elevated:** Keep electrical appliances elevated to prevent water damage.

7. Unplug Appliances: Unplug electrical appliances during heavy rainfall or flooding to prevent damage.
8. Install Lightning Arresters: Install lightning arresters to protect against lightning strikes.
9. Regular Maintenance: Regularly inspect and maintain electrical systems to ensure safety.
10. Be Prepared: Have a plan in place for power outages and electrical emergencies.

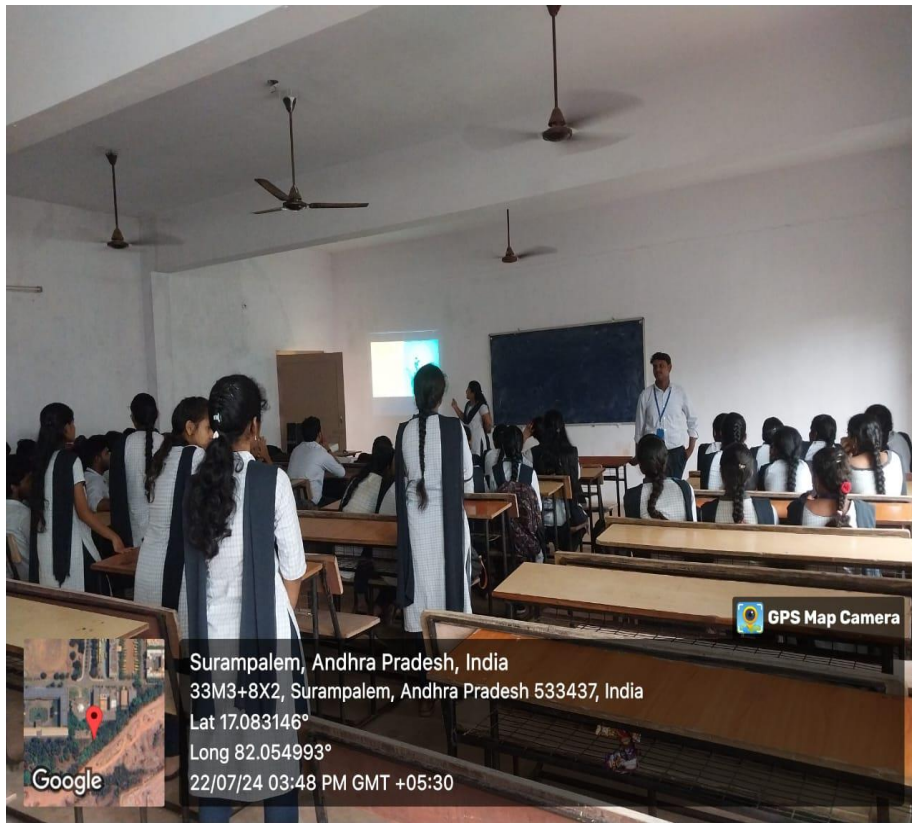
In this need of the hour, Local Chapter IE (India) of EEE Department took a step to make II & III Year students familiar with the introduction to “**MONSOON ELECTRICAL SAFETY PRECAUTIONS**” through this lecture.

Students were participated curiously during the event. Participations will be made to sit in MS-10. The picture of the event and glimpses of slides presented were mentioned in the report stated.

Date & Time of Event :27.07.2024 @ 2:00 PM

Venue :MS-10 (Mech block)

PICTURES OF EVENT:



Surampalem, Andhra Pradesh, India
33M3+8X2, Surampalem, Andhra Pradesh 533437, India
Lat 17.083146°
Long 82.054993°
22/07/24 03:48 PM GMT +05:30



Surampalem, Andhra Pradesh, India
33M3+8X2, Surampalem, Andhra Pradesh 533437, India
Lat 17.083153°
Long 82.054925°
22/07/24 03:47 PM GMT +05:30

IE (I) INCHARGE

HOD-EEE