

**Activity: "Innovative Teaching Learning Pedagogy"**

**Date & Day:** 12-02-2025

**Activity Name:** Switchgear Scavenger Hunt

**Subject:** Switchgear and Protection

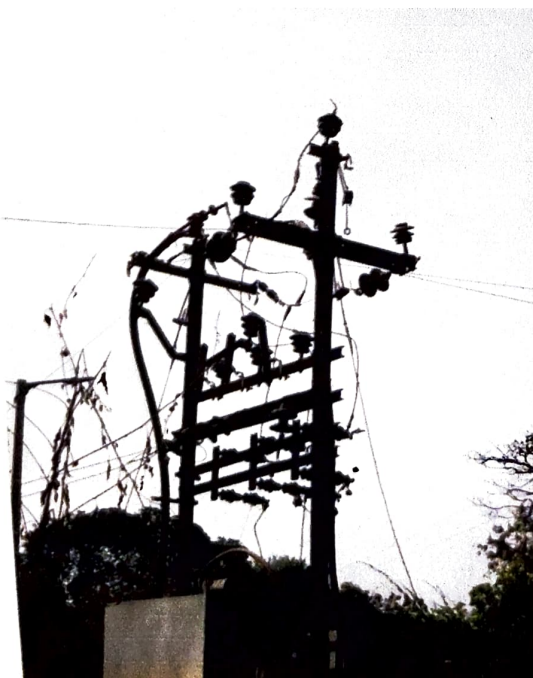
**Venue:** DIT campus

**Activity conducted by:** Mr. Swaraj Kadam

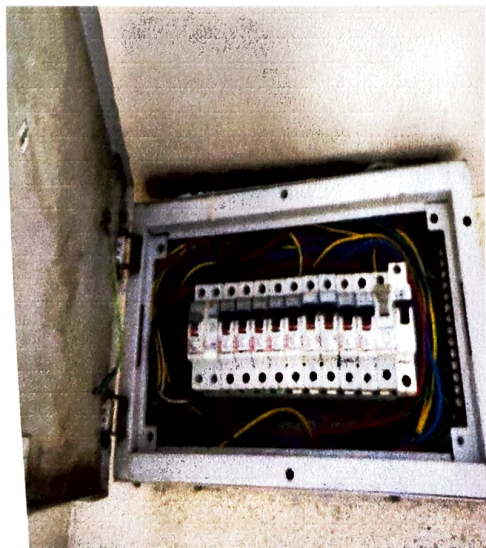
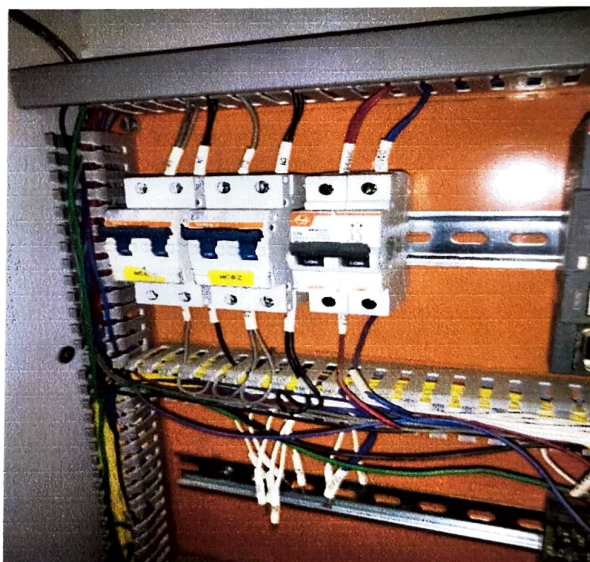
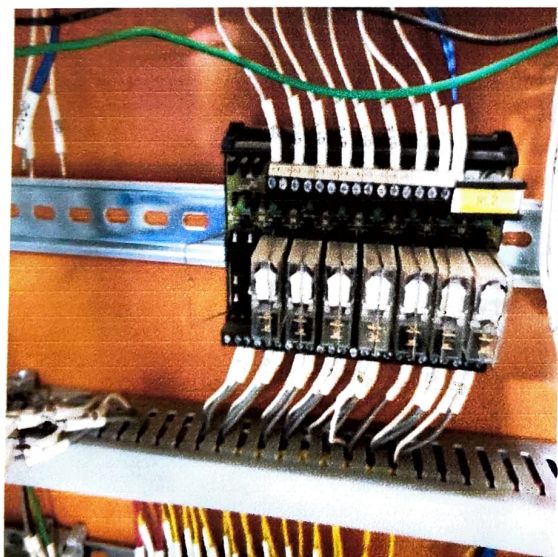
**Objectives:**

- To provide practical exposure to different types of switchgear installed on campus.
- To help students understand the purpose, advantages, and ratings of real-world switchgear.
- To promote experiential learning through an innovative and engaging pedagogical method.

**Photographs:**









**Outcome:**

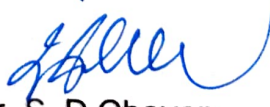
- Students were able to identify and document various switchgear types used in actual installations.
- Students gained practical insights into the purpose, advantages, and ratings of different switchgear units.
- The activity enhanced students' observational skills, technical understanding, and interest through experiential learning.

**Mapping of POs and PSOs with Justification:**

| POs / PSOs                            | Mapping Level (1/2/3) | Justification                                                                                  |
|---------------------------------------|-----------------------|------------------------------------------------------------------------------------------------|
| PO1 – Engineering Knowledge           | 2                     | Students apply theoretical knowledge to identify and understand real-world switchgear systems. |
| PO2 – Problem Analysis                | 2                     | Students analyze purpose, ratings, and advantages of various switchgear installations.         |
| PO3 – Design/Development of Solutions | 2                     | Understanding design aspects and selection criteria of installed switchgear.                   |
| PO7 – Environment and Sustainability  | 1                     | Students recognize the role of proper switchgear in system safety and sustainable operations.  |
| PO12 – Life-long Learning             | 2                     | Promotes self-directed exploration and continual learning beyond the classroom.                |
| PSO2 – Sustainable System Design      | 1                     | Exposure to real-world electrical systems supports sustainable design thinking.                |

  
Mr. Swaraj Kadam  
Subject Teacher

  
Dr. Manasi Deore  
DAC

  
Dr. S. D Chavan  
H.O.D