



**Hope Foundation's**  
**Finolex Academy of Management and Technology,**  
**Ratnagiri**  
**Department of Electrical Engineering**

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### **An Industry Expert Session on Industrial Safety Awareness**

An Industry Expert Session on “Industrial Safety Awareness” was organized for the students of **T.E. and B.E. Electrical Engineering** on **10 March 2026 at 10:00 AM** in EN0/05. The session was conducted by experts from **M/s T. J. Marine, Ratnagiri**, with the objective of creating awareness about industrial safety practices, electrical maintenance, and career preparedness among engineering students.

The session began with an address by **Shri Suraj Jadhav, Safety Officer**. He explained the concept and importance of industrial safety and discussed different types of Personal Protective Equipment (PPE) used in industries. He also highlighted potential risks present in industrial environments, such as mechanical and chemical hazards. Further, he introduced the concept of HIRA (Hazard Identification and Risk Assessment) and explained how industries systematically identify hazards and assess associated risks to ensure safe working conditions.

Following this, **Shri Ashish Kolekar, Assistant Manager (Electrical)**, elaborated on various aspects of electrical safety in industry. He explained the LOTO (Lock Out – Tag Out) system, which is an important safety procedure used during maintenance work. He also discussed the development of a safety culture in organizations through practices such as daily toolbox talks, near-miss reporting, safety suggestions, and regular training and awareness programs.

While discussing electrical maintenance, he explained the Single Line Diagram (SLD) of a 33 kV substation and described the functions of its major components, such as Lightning Arrester (LA), Metering Cubicle, Vacuum Circuit Breaker (VCB), Transformer, and On-Load Tap Changer (OLTC). He also shared practical insights regarding the maintenance of motors, drives, and starters, highlighting the challenges faced during maintenance activities in industries.

Towards the end of the session, **Ms. Pooja Naik, HR Executive**, presented an overview of M/s T. J. Marine and discussed the expectations of industries from engineering graduates. She also guided the students on interview preparation, emphasizing the importance of confidence, effective communication skills, knowledge of job descriptions and company background, punctuality, and preparation of a good resume.

A practical **demonstration of CPR** (Cardio-Pulmonary Resuscitation) was also conducted for the students. The demonstration was initially performed by Shri Suraj Jadhav, followed by participation from two students from the audience, which helped students understand the basic life-saving procedure. Finally, Ms. Pooja gave the Safety Oath to the audience.

The program concluded with a vote of thanks to the team and management of M/s T. J. Marine for their valuable time and guidance.

A total of **70 students from T.E. and B.E. Electrical Engineering** attended the session. The event was organized by **Prof. M. N. Tagare**. **Prof. S. H. Mhabadi** and **Prof. S. S. Wamane** assisted in the smooth conduction of the program. **Shri Parashuram More** made the audio-visual arrangements and photography for the event.

Overall, the session was highly informative and beneficial for the students as it provided practical insights into industrial safety practices, electrical maintenance, and professional expectations in the industry.

Photograph:



**Shri Ashsih Kolekar delivering the lecture. Shri Suraj Jadhav and Ms.Pooja Naik(from left)**



**Students Raj Dhuri and Kailas Jadhav demonstrating CPR**