

Title: Industrial Safety, Fire Safety and Green Energy seminar organized by DEPARTMENT OF ELECTRICAL ENGINEERING AND BIOSYSTEMS & ENVIRONMENTAL ENGINEERING CLUB

Objective: To create awareness among students regarding the importance of workplace safety, preventive fire safety measures, and the adoption of sustainable green energy practices for a safer and greener future. The session aimed to develop practical knowledge, enhance safety consciousness, and motivate students to contribute towards eco-friendly and safe industrial practices.

Number of Students Participated: A total of **30 students** participated in the event from the **Electrical Engineering, Mechanical Engineering, and Computer Science & Engineering departments.**

Date of the Event: 22nd August 2025

Event Report: Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex organized a seminar and practical demonstration session on *Industrial Safety, Fire Safety, and Green Energy* on 22nd August 2025. The session covered key aspects of workplace safety including hazard identification, use of personal protective equipment (PPE), and industrial best practices for accident prevention. Fire safety experts demonstrated firefighting techniques, evacuation procedures, and the correct use of fire extinguishers to handle emergency situations. Additionally, an informative talk on *Green Energy* emphasized the significance of renewable energy sources such as solar, wind, and bio-energy in reducing carbon footprints. Students learned about sustainable practices that can be adopted in industries and day-to-day life to promote environmental conservation.

The program was highly interactive and engaging, with students actively participating in Q&A sessions and practical demonstrations. The initiative not only enhanced safety awareness but also highlighted the importance of integrating clean energy practices into future engineering solutions. The event successfully instilled safety awareness and environmental responsibility among participating students. It aligned with the institute's vision of promoting holistic education that not only focuses on technical skills but also on safety, sustainability, and social responsibility.

Photos from the event have been attached to this report, capturing the spirit and enthusiasm of our participating students.



