

Exposure and Field visit for Problem Identification

Physical Field Visit by the students

The students of Automobile, Electrical, Robotics and Mechanical Engineering Department of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex, participated in an exposure and field visit at TECH COGNITION, Behala Industrial Estate on 11th November, 2022 to understand the detailed process design, manufacturing, application and service aspects of the power transmission equipment. As we understand, power generation, transmission and distribution are the most important part of our daily life, the students understood how to develop and maintain this sustainable power transmission so that the society doesn't suffer any problem because of energy crisis. The students also felt why we need to create renewable and sustainable power sources, so that the problem of energy crisis can be dealt easily.

The students gathered important knowledge on substation control panel/ breaker panel/power distribution system, control room and their practical implications in the industry as well as for the commercial and domestic consumptions. The 'Tech Cognition' deals with several power transmission issues for the companies like state-based power generation, Transmission & Distribution Units, Cesc, Abb Limited, Tata Power, Jindal, Siemens, L&T, etc.



67 students along with 3 faculty members participated in this Exposure and Field Visit where they understood the mechanism of Industrial Power Transmission along with, they understood why the industries are looking for renewable power sources also to meet the daily energy requirements.