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Department of Electronics & Communication Engineering Industrial Visit - Report

Name of Organization– Epsilon Cables Pvt Ltd, MIDC, Hingana, Nagpur
Date of Visit: 21.10.2023

The Department of Electronics & Communication Engineering arranged an **Industrial Visit** to Epsilon Cables Pvt Ltd, MIDC, Hingana, Nagpur on **21st October 2023** for the students of Electronics & Communication Engineering. A total of **35 students** and **03 faculty** members participated in this visit.

The visit was guided by Mr. Negi and Mr. Hitesh Choudhary, Members of Epsilon Cables Pvt Ltd. The Visit Was Coordinated by Prof. Ms. Komal Dongre, Prof. Ms. Akshata Bagde And Prof. Sanam Gourkhede.

First of all, a briefing about the company was given by Mr. Negi. He explained about the bunching machine of cable where 0.5 mm and 0.7 mm copper wires are bunched, then shared the different classes of cable and standard conductor. Making of three-core cable was explained by Mr. Hitesh Choudhary. He also explained the different stages of cable making like insulation, screening, assembly, inner covering, armoring, outer sheath, quality control and testing of cables. In testing, the following tests were carried out: 1) HV test 2) Conductor resistance test 3) Insulation test 4) Capacitance test. He also talked about the Indian standard and applications of cables. Students were amazed by the speed at which the process occurred and how the automated system could work according to their requirements. The visit to Epsilon cable industry was an enriching experience for the students in getting a live exposure of manufacturing which can help them in their internship and further career enhancement.





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