



Date: 13/1/2020

## Department of Electrical Engineering

### Report

on

### “Industrial visit at Epsilon Cables Pvt. Ltd. Nagpur”

Electrical Engineering Department organizes industrial visit for 4<sup>th</sup> semester students at Epsilon Cables Pvt. Ltd, Nagpur on 11/1/2020. Total 41 students from Electrical department attended the visit. The visit was guided by Mr. Chandrashekhar Ramteke and Mr. Hitesh Choudhary members of Epsilon Cables Pvt. Ltd. The visit was coordinated by Prof. Rahul Adle and Prof Ms. Anshu Choudhary.

First of all, briefing about company was given by Mr. Chandrashekhar Ramteke. He explained about 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, following test were carried out 1) HV test 2) Conductor resistance test 3) Insulation test 4) Capacitance test. He also talks 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 requirement. The visit to Epsilon cable industry was an enriching experience for the students in getting live exposure of manufacturing which can help them in their internship and further career enhancement.

