



Date: 18/1/2020

## Department of Electrical Engineering

### Report on “KEC International Pvt. Ltd, MIDC Butibori, Nagpur”

Electrical Engineering Department organizes industrial visit for 8<sup>Th</sup> semester students at KEC International Pvt. Ltd, MIDC Butibori, Nagpur on 17/1/2020. Total 30 students from Electrical department attended the visit. The visit was guided by Mr. Rishikesh Toal and Mr. Sejal Nanote members of KEC International Pvt. Ltd. The visit was coordinated by Prof. Rahul Adle and Prof Ms. Rashmi Phasate.

First of all, briefing about company was given by Mr. Rishikesh Toal. He explained about Transmission line tower. Mr. Sejal Nanote shared the different stages of manufacturing. First stage is raw yard, where material mold in to form of angle and plate. Second stage is fabrication, in primary stage fabrication cutting, punching and stamping takes place. Whereas in secondary stage fabrication bending, notching, heel milling takes place. Third stage is galvanizing, where he explained about peakling, pre-fluxing, zinc bath and quenching process. The last stage is filling where quality of product is checked. He also talks about the Indian standard for material. 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 KEC International 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.

