

VINAYAKA MISSIONS UNIVERSITY  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, PAIYANOOR  
REPORT ON INDUSTRIAL VISIT TO SAKTHI TRANSFORMERS

The department of Electrical and Electronics Engineering together with Mechanical department organized a one day Industrial visit to Sakthi Transformers private limited ,Kundrathur, Chennai on 3<sup>rd</sup> of September 2018. A team of 39 students of EEE, Mechatronics, SAE and Mechanical along with 2 Faculty members took part in the Industrial visit. We started from AVIT and reached Sakthi Transformers at around 11.00am by our college bus. The firm is involved in the manufacture and suppliers of superior grade Electrical Transformers. We were guided by Mr.Ramajayam, Senior Engineer of Sakthi Transformers.

The students were explained about the basic concepts and operation of three phase power and distribution transformers. The fabrication process of transformers in core and winding design was observed by them with keen interest. The low voltage and high voltage winding machines were shown to students and the process of winding along with insulation was also demonstrated to them. The limb and the frame sections of transformer core were also explained to students. The process of eliminating moisture by heating the transformer in high temperature furnace was also demonstrated. The session was well received by many students. As an outcome of this visit, students acquired the practical principle involved in the transformer's design.



Core and Coil Assembly Section in Sakthi Transformers



Students interaction with Production Engineer



Group photo along with the Production Engineer & Supervisor of Sakthi Transformers