

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Report on Industrial Visit to KAVIKA.

The Department of Electrical and Electronics Engineering had organized an Industrial visit to KAVIKA for 2<sup>nd</sup>, 3<sup>rd</sup> year students as a part of Industrial visit to impart the knowledge of Transformers. "KAVIKA" is a Govt factory which designs and manufactures the Step-Down Distribution Transformers. Students thoroughly enjoyed the experience of Designing and manufacturing of different ratings of transformers.

**LOCATION:** KAVIKA (Karnataka Vidyuth Karkhane Limited), Mysuru road, Bengaluru - 560026

**OWNER:** Government of Karnataka

**PURPOSE:** To gain the Knowledge of Transformers Design, Manufacturing and Parts of Transformer.



The banner features the Sairam College of Engineering logo and name on the left, with accreditation details. The top right corner contains various institutional logos including NAAC, Institution's Innovation Council, ARIIA, and SCE 25th Anniversary. The central text reads: **INDUSTRIAL VISIT**, **KAVIKA** (Govt. of Karnataka), (Karnataka Vidyuth Karkhane Ltd.), Mysuru Road, Bengaluru. The date is **Date: 21.01.2023**. The bottom left shows the Department of Electrical & Electronics Engineering logo and name, and the bottom right features the Sairam Institutions logo with a portrait of a man.

We reached the factory at 1:00 pm had our lunch nearby the factory since our visit timing was 2:00 pm to 4:00 pm, we entered the factory at 1:45 pm. Mr. Janardhan and Mr. Sathish, site engineers were allocated to explain the process. They started explanation from the Basics of Transformer, its parts, Material used for the

transformer, How to do the winding, Types of windings, they showed the fully done winding core, Types of conductor used for LV and HV winding, They explained the process of testing the Turns ratio of the winding, Explained the process of Immersing the winding in the core, How to remove the moisture present in the windings, They explained the testing process of Transformer and many more to the students. It was wonderful experience with the site engineer they were very polite and explanation regarding the equipment's and their working was really good and clear, They also cleared the doubts asked by the students. They also given positive feedback about the students and regarding their active participation in the activity. We facilitated them with the college momentum.



We returned back to college campus at 6:30 pm safely on the same day.

Thanking you.

Industrial visit Coordinator  
Prof. Pushparaj H

HOD – EEE  
Prof. Malini K V