



KINGS
COLLEGE OF ENGINEERING
(NAAC Accredited Institution)
(Approved by AICTE, New Delhi, Affiliated to
Anna University, Chennai)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

One Day Industrial Visit to Arignar Anna Sugar Mill, Thanjavur on 03.03.2018

REPORT

The department of Electrical and Electronics Engineering and IEEE Student branch (IEEE STB 16621) has jointly organized a one day Industrial Visit to "Arignar Anna Sugar Mill" on 03.03.2018.

Objectives : to impart fundamental knowledge about Electrical Power Generation.

Beneficiaries : II and III Year EEE Students (63 Students) along with 4 Staff Members.

The visit is organized by Mr.C.Balaji and Mr.J.Arokiaraj Assistant Professors / EEE. During visit Students have learned various process of sugar production from the sugar-cane. Students acquired knowledge about using of steam power turbine to run the alternator for production of power. Also they were aware about that this industry generate power on their own up to 3 MVA (2 units X 1.5 MVA) using sugar-cane Bagasse. For all the industrial process they are using their own power and the excess power transferred to all their own office and employees residential electrical purposes.

Students have gained basic knowledge about the various process of sugar production are,

1. Slicing
2. Juice Extraction pressing
3. Purification
4. Evaporation
5. Crystallization
6. Refinery
7. Separation and Packaging.

PHOTOGRAPHS OF INDUSTRIAL VISIT

