



# ADHI COLLEGE OF ENGINEERING & TECHNOLOGY

No.6, Munu Adhi Nagar, Sankarapuram, Near Walajabad,

Kanchipuram Dist – 631 605. Ph: 044 – 2729 0096

## DEPARTMENT OF MECHANICAL ENGINEERING

### REPORT ON ONE DAY INDUSTRIAL VISIT

An industrial visit was arranged at “VELTECH ENGINEERING WORKS”, Ayanambakkam, Chennai, on 15.02.2017. Third year students were taken to visit the firm for gaining practical knowledge about Manufacturing and Quality Control areas.

Mr. P. Sureshkumar, Chairman of Veltech engineering works who started this plant in the year 2002 with 80 sq.ft area and at present, it is expanded to 1500 sq.ft. The plant is well equipped with CNC turning machines for in-depth and out-depth operations and, Vertical Milling Centre machines for centered depth cutting operations. The main traders are Spring Shatel (MNC), Simon in Sriperumbudur, AJACK and APACK in Mumbai. Also, they provide the training for students along with major experts in India. They focus in improving the knowledge about the production norms, tool and equipment handling, marketing and quality control areas.

The students were divided into two groups. One group was led by Mr. R. Gopi, Asst Prof, Mech Engg, and the other was led by Mr. R.Harikumar, Asst Prof, Mech Engg, The students were given a close look at some of the important operations like, manufacture of automobile spares, concrete mixing yard, machine components and wind mill components. Once the manufacture of machine spare parts was demonstrated, the latter part of the visit was the privilege of seeing components being hardening and quenching process.

Later, the students were taken to the mechanical testing lab where they were shown the various samples. They were tested with various measuring devices like, Groove calliper, height gauge, Bevel protractor, Micrometres, Dial gauge and Air gauge. At last, the visit was ended with the assembly and surface finishing process. This visit could induce the students to accomplish project works related to this field.

Mr. N.S. Vijaya Ganesh from the Human resource department, supported and guided the students and faculty.

