



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 INDUSTRIAL VISIT

An industrial visit was arranged with the “**RAMCO CEMENTS PRIVATE LIMITED**” (Cement Production Plant), located at Alathiyur, near Virudhachalam on 23.09.2016. Third year students were taken to visit, mainly for enhancing their practical knowledge about the Automation, Production, Processing, safety and Maintenance areas.

This Plant was established in the year 1997 with a capacity of 0.9 million tonnes per annum (MTPA). The present capacity of the Plant is 3 MTPA. This is the only cement plant in India had won CSE Four Leaves Award. The plant is well equipped with Cross Bar Coolers and Vertical Roller Mills for cement grinding, Cross Belt Analyzer, Separate covered Limestone Storage, Loesche Vertical Roller Mills, X-ray Analyzer, Raw-mix optimization technique, Imported Alpine Air Jet Sieve, Fully-centralized control room and Fully-automated Electronic Packer.

Mr. K. Prasana Venkatesh, HR/ Inplant & Training department introduced the plant and presented about the facilities of the plant. Mr. J. Benjamin George, safety inspector, explained about the safety rules and regulation followed in this plant. The students were divided into four groups and they were taken to visit various units available at the Plant. They had seen various units like raw material storage unit, raw-mills, crushing, graining, control unit and packaging unit.

Based on the students’ feedback, this Industrial visit has created adequate knowledge on drilling, crushing, graining and analyzing the entire quantity of limestone. Also, they got to know about stacker and re-claimer system, XRD for accurate analysis of raw materials, fully-centralized control room operation, sophisticated control system using PLC and FLC system, fully-automated Electronic Packer.

This visit could encourage the students to accomplish project works related to this field. They also suggest that this kinds of application oriented industrial visit, in the near future are required.