



NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
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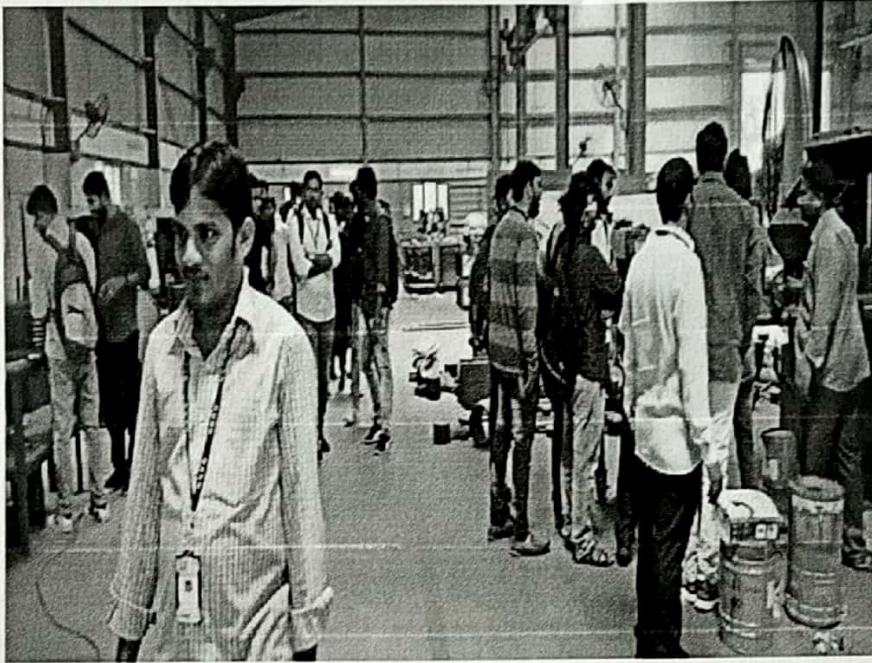
Report on

Industrial Visit

An industrial visit was scheduled for the Students of final year on 3rd September 2019. Students were taken to the industry Hitech Hydraulics, located in Ghakesar, Ranga Reddy District. These students were accompanied by faculty Mr. S Srinivas Rao, Assistant Professor & Mr. B Anjaneyulu, Assistant Professor.

As a part of Entrepreneurship development program, our students visited this industry. During their visit students observed the manufacturing process of various products such as Idler frames, pulleys and different other products manufactured by the industry. Idler Frames are manufactured as per the standard IS 8598/ISO 1537 details. Structural Steels (channels, angles and flats) of high tensile strength as per standards are used for forming the sturdy, strong and robust frames. Special jigs and fixers are used for the production of frames to ensure uniform dimensions and tolerances and to facilitate the fast/mass production. Hitech's ROBOT welding methods for frames are very unique in this kind of industries and the result of which is the high quality/uniform welding with minimum deformation. Welding is absolutely free from cracks/porosity which is a normal phenomenon in the conventional welding process.

Ultrasonic tests for the shell-longitudinal weld, dye-penetration tests for the circumferential welds are the normal checks carried on each pulley along with dimensional, concentricity and static balancing checks. Hitech's ROBOT welding methods for frames are very unique in this kind of industries and the result of which is the high quality/uniform welding with minimum deformation. Welding is absolutely free from cracks/porosity which is a normal phenomena in the conventional welding process. Hi-Tech produces various types of CONVEYOR skirt boards, hoods and scrappers as per the customer specifications.



Head of the Department

Head of the Department

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