



One Day Industrial Visit Organized by Industry Institute Interaction Cell -IIC

CAET, AAU, Godhra

Reached to Destination

An industrial visit of Uma soya chunks, Amar enterprises, kharedi, Dahod, organized by **Industry Institute Interaction Cell-IIC** on 16/09/2022 by Er. Chirag Jadav Chairman IIC and Assistant Professor in Mechanical Engineering of Basic Engineering & Applied Sciences Department, CAET, AAU, Godhra. On receiving permission from the Uma soya chunks, Amar enterprises, kharedi, Dahod 18 students of third semester from CAET has been started visit from the CAET, Godhra early morning with Er. Chirag Jadav and Mr. Rinkesh Talapada.

About Factory

We reached factory on 10 am. The factory incharge welcomed us and gave briefing about the company. Then he took students around the different sections of the company and explain every operating conditions and processes precisely to the students. During the visit workers were doing their work with concentration. When students visit the machines or sections, particular machinist, or section incharge explain detail function of the machine and section. They make student understand that raw material is procured from the local vendor and all raw materials are placed in the inventory. The soya flour is fed into mixer with water, mixer forms a thick slurry of soya flour. Later this slurry is fed to soya nugget extruder, it is cooking extruder with inbuilt cutter at die end. Soya flour slurry is then cooked within barrel of extruder which provides necessary heat for the process. Thick, cooked soya paste at this point is extruded through die and cutter quickly cuts extruded soy nuggets. During cooking water vapours generated high pressure which released to surrounding. This generates texture of soy nuggets. After this soya nuggets simply fed to a dryer which further removes the moisture present in nuggets. These dried nuggets are then checked for quality and finally soy nuggets are then packed & sent for sale.

Key Role of Officer, Faculty and Staff

Er. Chirag Jadav, Assistant Professor, and Mr. Rinkesh Talapada, welder, BEAS Department of CAET, AAU, Godhra organized and taken care of all the activities during the visit with all due supports from Er. Kapil Mandloi, Assistant Professor & Head, BEAS Department. A vital role played by the Dr. R. Subbaiah, Principal & Dean, CAET, AAU, Godhra to make this event successful and fruitful.



