

1. INDUSTRIAL VISIT

69 students of III-B.Sc., and I M.sc., Chemistry along with 7 teaching and 1 non-teaching visited Aavin, Sathuvachari, Vellore on 18th July 2019 at 11.00a.m. This industrial visit provided them, an opportunity to witness the entire milk processing methods. Starting from the stage of fresh milk brought from various villages near by Vellore. Miss.S.Gayathri B.Tech., an employee of Aavin took the students around the plants and explained the various processes such as sterilization, pasteurization and homogenisation. She showed the plants which preserves milk at high temperature as well as -30°C . Students were very much excited in seeing the packing of different types of milk such as toned milk, double toned milk and fully creamed milk. She also guided the students by showing the plants which converts milk into various products such as curd, gova, butter, ghee and ice-cream. Students interacted with the employees of Aavin by raising many questions which was highly help full for their day to day life.

The processed milk is packaged and exported for domestic consumer usage. As budding Mechanical Engineers, they keenly observed the storing and packaging sector of the milk factory where unique machinery and mechanisms are used in an automated manner and also the solar energy generating power plants over the parking sheds which are utilized for generating steam, for factory usage. This enabled the students to have a better understanding on the utilization of renewable energy resources in factories and also develop their knowledge over the basic working of factory production machinery.



