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Faculty of Science
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Department / Committee Name :- Microbiology Department

Event/ activity Name :- Educational tour of M.Sc. Sem II & IV students

Date :- 14th April 2022.

No. of Days :- 01

Venue :-

Level :- State

- 1.) Amul Dairy, Anand
- 2.) SICART(Sophisticated Instrumentation Centre for Applied Research and Testing)
- 3.) Amul Chocolate plant, Mogar

Aim/purpose :

- The purpose of the Educational tour is to enrich students with knowledge related to Dairy industry, make them a practical vision with different parameter related to Dairy products.
- To update our students with latest analytical instruments used in laboratory

Details of the event/ activity :

Educational tour was planned for students of Msc. Microbiology Sem II & IV by the department of microbiology of Shree Ramkrishna Institute of Computer Education and Applied Sciences, Surat to a well-known Dairy & Food processing industry ‘Amul’ situated in Anand, Gujarat and SICART (Sophisticated Instrumentation Centre for Applied Research and Testing) Institute in Vallabh Vidyanagar.

At Amul, which is the first dairy based on cooperative society, a guide walked us through Amul’s butter and milk plant where students saw Standardised and Packaging units and how milk revolution took place. There was also a display area where products produced in every

Amul plant were displayed. Students got unique opportunity to discuss various aspects with experts in the field.

Students also visited the Amul Chocolate plant which was fully automatic and the manufacturing and packaging of chocolates could be seen through glass windows. The most fascinating thing in the factory was the large tanks that held the ingredients used to prepare chocolates. The exited part for students was to taste chocolates offered as a complementary by Amul.

The third visit was SICART having broad range of analytical instruments under one roof. Students were explained the working and applications of various instruments such as X-ray Diffractometer (XRD), Fourier Transform Infrared Spectrometer (FTIR), Transmission Electron Microscope (TEM) and those used for chromatography such as High Performance Thin Layer Chromatography (HPLC), LC-MS-MS , Ion Chromatography, GPC etc.

The trip made students confident and they got to learn a lot of things with fun experience.

Participants:- Total no.:- 56

Outcome :-

Students got unique opportunity to discuss various aspects related to dairy industry with experts in the field. They got a wide vision with different analytical instruments.

Name of the of event/ activity co-ordinator :- Dr. Sanjay Parekh

Image of the event



