

INDUSTRIAL VISIT TO COCA COLA BEVERAGES.

Date: 05 January 2023

Time: 09:00 am - 01:00 pm

Venue: Coca Cola Beverages

Faculty Visited With Students:

1. Sir Jawaad Ahmed Ansar
2. Sir Salman Khan
3. Sir Hassam

Visit Arranged For:

1. Batch 2019
2. Batch 2020

SOFE arranged a visit to Coca cola beverages on 5 Jan 2023 (Thursday) from 9:00 am to 1:00 pm for final year students of the food engineering department. The visit went incredibly well.

Company's Background:

The Coca-Cola Company is one of the most recognizable brands in the world. Founded in 1886 by John Pemberton, it has grown to become a global leader in beverage production and distribution. The company has been through many changes over its long history but remains committed to providing quality products and services that bring refreshment and joy to people around the world.

Coca-Cola's success can be attributed largely to its innovative marketing strategies, which have helped make it an iconic brand throughout much of the 20th century. All their efforts have contributed significantly towards making Coca-Cola a household name across multiple generations worldwide.

Today, The Coca Cola Company continues on its mission of bringing happiness into people's lives by expanding their product range beyond carbonated soft drinks into juices, bottled water and energy drinks as well as offering nutrition information for consumers who are looking for healthier options while still enjoying refreshing

beverages from time to time! With operations spanning more than 200 countries worldwide there is no doubt that this company will continue being an integral part of our lives for years ahead!

Coca cola plant SITE karachi:

Coca-Cola is one of the most iconic brands in the world and their plant located in Karachi, Pakistan is a testament to this. The Coca-Cola plant site has been operating since 1965, making it one of the oldest bottling plants in Pakistan. This facility produces all kinds of beverages such as juices, carbonated drinks and bottled water for both domestic consumption and export purposes. It produces a variety of products including Coca-Cola Classic, Diet Coke and Sprite Zero as well as Fanta Orange and Minute Maid Pulpy Orange Juice drinks.

The main purpose of the Karachi plant is to provide beverages for local consumption in addition to supplying other parts of Pakistan with its products. In order to meet this demand, the company utilises advanced technology that helps it produce high quality beverages quickly and efficiently without compromising their taste or health standards. Additionally, they use state-of-the-art machinery which ensures that all production processes are completed safely according to industry standards while also reducing waste materials produced during the manufacturing process significantly .

In addition ,Coca Cola's Karachi Plant provides employment opportunities for many local people by offering competitive salaries along with benefits such as medical insurance coverage , retirement plans etc . Moreover , apart from providing jobs directly at its facility ,it also contributes towards economic growth through indirect job creation by supporting suppliers who supply raw material used in production processes like sugarcane farmers etc . Furthermore , it actively participates in community development programs aimed at uplifting living standards within communities surrounding its facility by sponsoring educational projects & initiatives related poverty alleviation among others All these efforts help make sure that everyone involved reaps maximum benefit from presence & operations being carried out at site industrial area karachi thus helping strengthen bond between coca cola & society around them.

The Visit:

After we reached the coca cola plant, as a souvenir we were all given a pamphlet that included safety rules and regulation and the map of the plant.

We all gathered at their office building entrance where we were welcomed by the team of coca cola. Ma'am Ayesha briefed us on the health and safety instructions.

She is the health and safety engineer there. Miss Shazeen, also a member of health and safety, guided us further about further steps of the visit. After the introductory session we were guided toward their main conference hall where we were presented with a brief overview of the company and their production processes. After the very informative presentation we were given safety shoes and jackets and then we were guided by their team and we visited the plant under their supervision.

The Karachi plant of Coca cola produces coca cola, fanta and sprite and packages them in various quantities of plastic bottles as well as the glass bottles. The plant has RO plant, a CO₂ gas storage vessel. Pasteurisation unit, heat exchangers, mixers, filters, bottling units, bottle making units, labelling machines, and stacking robot.

The production begins with making of sugar syrup and its pasteurisation at 85 C for 20 min. After pasteurisation the sugar syrup is mixed with the concentrate (recipe) of the drink that has to be made. Water is added to the mixture and the solution is transferred to the filling side where it is filled in the bottles along with the CO₂ gas. The syrup is chilled before filling so when filling it will absorb more CO₂ to make the drink more fizzy and carbonated.

Plastic bottles come to the plant from vendors in test tube shape which is heated at 100 C and then moulded by a pneumatic method. Glass bottles on the other hand are washed and dried and disinfected and sorted out.

After bottling and stacking the crates are then sent to a warehouse near the plant. Where it is stored in a controlled atmosphere.

The plant is somewhat automated and they work in a very safe and hygienic environment.

Conclusion:

The visit went successfully. It was very informative and all the students enjoyed it and gained a lot of experience and knowledge from this visit. At the end of the visit the coca cola team that was supervising us took a group photo with us.



