Event Title: Yakult Danone Pvt. Ltd. Factory virtual visit

Date: 20/04/2022

Objective: To gain information on the large scale industrial production and health benefits

of probiotic drinks.



The Botany department alongwith Institution's InnovationCouncil (IIC) of Hansraj Collegeorganized a virtual tour on 20/04/2022 at 10:30 am to the esteemed Yakult Danone Pvt. Ltd. Factory, located in Sonipat, Haryana. It was attended by almost 50 participants, including the

faculty of Botany department, students of B.Sc. (H) Botany III, and IIC members. MS Teams was the utilized platform for the conduction of virtual visit. The primary objective of the educational tour was to gain information on the largescale industrial production and healthbenefits of probiotic drinks.

The probiotic Yakult is manufactured at an ISO 9001:2015, OHSAS 18001:2007 and HACCP certified, state of the art factory, whichis designed as per international standards. Stringent protocols and quality checks are followed from fermentation in fermenters to packaging of the products. Process of making Yakult is completely automated, and special care is takento maintain the highest level of hygiene standards and deliver the best quality product to the consumers. Yakult and Yakult Light is a delicious probiotic fermented milk drink containing Yakult's exclusive probiotic bacterium *Lactobacillus casei* strain Shirota (LcS). The othercomponents are skimmed milk powder, sugar, glucose, natural identical flavor, and water. Yakult Light is less caloric, and contains the naturalsweetenerSteviol Glycoside, along with Vitamin D and Vitamin E for an added health benefit. Theseproductsincrease the number of beneficial bacteria in digestive system, prevent digestive disorders of diarrhea and constipation, build immunity, and reduce risk of infections. Furthermore, the plastic bottle of Yakult is tested for safety and other parameters, and it complies with the recently notified Food Safety and Standards (Packaging) Regulations, 2018. Yakult is distributed worldwide by grocery stores, ecommerce, and Yakult Ladies.