

REPORT ON INDUSTRIAL VISIT
Under DBT star College Scheme

1. NAME OF THE EVENT - Visit to the BioNEST at Punjab University and Verka Dairy, Chandigarh and Verka Dairy, Mohali
2. NATURE OF THE EVENT - Industrial visit
3. DATE AND DURATION - 6th September 2022 to 7th September 2022
4. VENUE - BioNEST at Punjab University and Verka Dairy, Chandigarh and Verka Dairy, Mohali
5. NUMBER OF PARTICIPANTS - 42

S No	NAME	PROGRAMME OF STUDY	YEAR OF STUDY
1.	Sandeep Patra	B.Sc.(H) MICROBIOLOGY	3rd
2.	Meet Makwana	B.Sc.(H) MICROBIOLOGY	3rd
3.	Shreyas Bhat	B.Sc.(H) MICROBIOLOGY	3rd
4.	Anubhav Rai	B.Sc.(H) MICROBIOLOGY	3rd
5.	Kalraj Vishwakarma	B.Sc.(H) MICROBIOLOGY	3rd
6.	Sampurna Mishra	B.Sc.(H) MICROBIOLOGY	3rd
7.	Vineet Prajapati	B.Sc.(H) MICROBIOLOGY	3rd
8.	Pushkar raghav	B.Sc.(H) MICROBIOLOGY	3rd
9.	Bazil Mehdi	B.Sc.(H) MICROBIOLOGY	3rd
10.	Depanjan Sarkar	B.Sc.(H) MICROBIOLOGY	3rd
11.	Chandni Rohila	B.Sc.(H) MICROBIOLOGY	3rd
12.	Menal Jain	B.Sc.(H) MICROBIOLOGY	3rd
13.	Jasmine Kaur	B.Sc.(H) MICROBIOLOGY	3rd
14.	Ananya Singh	B.Sc.(H) MICROBIOLOGY	3rd
15.	Shagun Siwach	B.Sc.(H) MICROBIOLOGY	3rd
16.	Aditi Panwar	B.Sc.(H) MICROBIOLOGY	3rd
17.	Shreya Nayak	B.Sc.(H) MICROBIOLOGY	3rd
18.	Kanika Bhoj	B.Sc.(H) MICROBIOLOGY	3rd
19.	Aditi Mangotra	B.Sc.(H) MICROBIOLOGY	3rd
20.	Saumya Samridhi	B.Sc.(H) MICROBIOLOGY	3rd
21.	Nikki Kumari	B.Sc.(H) MICROBIOLOGY	3rd
22.	Shelja Agarwal	B.Sc.(H) MICROBIOLOGY	3rd
23.	Simran	B.Sc.(H) MICROBIOLOGY	3rd
24.	Himanshi	B.Sc.(H) MICROBIOLOGY	3rd
25.	Khushi	B.Sc.(H) MICROBIOLOGY	3rd

26.	Ritisha Dhapola	B.Sc.(H) MICROBIOLOGY	3rd
27.	Tanya Singh	B.Sc.(H) MICROBIOLOGY	3rd
28.	Thanisha Kaushik	B.Sc.(H) MICROBIOLOGY	3rd
29.	Riya Karma	B.Sc.(H) MICROBIOLOGY	3rd
30.	Reetu Kumari	B.Sc.(H) MICROBIOLOGY	3rd
31.	Rakshita Yadav	B.Sc.(H) MICROBIOLOGY	3rd
32.	Ritu Choudhary	B.Sc.(H) MICROBIOLOGY	3rd
33.	Vanshika Agrawal	B.Sc.(H) MICROBIOLOGY	3rd
34.	Sumana Saha	B.Sc.(H) MICROBIOLOGY	3rd
35.	Nandini Tomar	B.Sc.(H) MICROBIOLOGY	3rd
36.	Anisha Tewary	B.Sc.(H) MICROBIOLOGY	3rd
37.	Tanisha Garg	B.Sc.(H) MICROBIOLOGY	3rd
38.	Melisha	B.Sc.(H) MICROBIOLOGY	3rd
39.	Akshita Singh	B.Sc.(H) MICROBIOLOGY	3rd
40.	Tushita Barua	B.Sc.(H) MICROBIOLOGY	3rd
41.	Madhuri Bhattacharya	B.Sc.(H) MICROBIOLOGY	3rd
42.	Ritika Thakur	B.Sc.(H) MICROBIOLOGY	3rd

NUMBER OF PARTICIPATING FACULTY – 6

Prof Perna Diwan, Dr M Salome John, Dr Nidhi S Chandra, Prof Vandana Gupta, Dr Sunila Hooda and Dr Shalini Swami

6. BRIEF SUMMARY -

The industrial visit started on the morning of 6th September 2022. Students along with faculty members reached Zirakpur by 12:00 pm which was followed by the visit to the BIONEST at Punjab University. Students were welcomed warmly, explained about the projects at the incubation and were given the opportunity to explore the labs. Facilities like HPLC, animal cell culturing, preservation of animal cells in liquid nitrogen and many more were observed and explained to the participants. Fermenters of different capacities were shown. The students were fascinated to see the working of 5-6 fermenters with a single controlling unit. The day ended with a visit to Sukhna Lake, in Chandigarh.

On the next day i.e. 7th September 2022, a visit to Verka Milk Plant, Chandigarh followed by the Verka Milk Plant, Mohali as per the schedule. The dairy plants gave a practical viewpoint of various processes to the students like homogenization, pasteurization, processing of milk before ice cream and lassi preparation. The instruments used for storage and packaging of milk, ice creams and lassi, and cold storage facilities for ice cream were also shown. The purpose of imparting practical knowledge in students and making them more interested in the subject was fulfilled.



Students enjoying ice-cream at Verka Milk Plant, Chandigarh



Students enjoying ice-cream at Verka Milk Plant, Mohali



Students enjoying at Sukhna Lake, Chandigarh

Sunila

Dr. Sunila Hooda,
Convener Mikrobiologika