

**EDUCATIONAL TOUR- CENTRE FOR AROMATIC PLANTS  
DEHRADUN (LAB VISIT AND FIELD VISIT)**

**DEPARTMENT OF BIOTECHNOLOGY, SBAS, SGRRU,  
DEHRADUN**



**Educational field visit** accompanied by **Dr. NAVEEN GAURAV, Dr. RASHMI VERMA** and two Ph.D. Scholars **Hempant sir** and **Neha Saini** for 54 students of the Biotechnology department, which happened for two consecutive days 04<sup>th</sup> May and 05<sup>th</sup> May 2022. In which various students from different course took the chance to explore A huge variety of aromatic plants which are renowned for their medical significance, aroma therapeutic properties and other economical and financial uses. We went to the **CENTRE FOR AROMATIC PLANTS (C.A.P.), Selaqui industrial area, SELAQUI, UTTRAKHAND, 248011, INDIA** on 04<sup>th</sup> may at **10:30** and took a few group photos of the faculties and students.

## **EDUCATIONAL TOUR- CSIR-IIP DEHRADUN (LAB VISIT)**

### **DEPARTMENT OF BIOTECHNOLOGY, SBAS, SGRRU, DEHRADUN**

06-12-2019,

Department of Biotechnology, Shri Guru Ram Rai School of basic and applied sciences conducted a visit to IIP-CSIR lab for biotechnology students (B.Sc. (Hons.) Biotechnology, B.Sc.(CZ/BZ), Biotechnology, Ph. D. Biotechnology. The visit embarked milestone journey with the vision of providing the students an exposure to wide spectrum of sciences and technology. Thus, to endow the students the practical application based knowledge one day trip was organised.



By 9:30am the students reached to the IIP campus under the guidance of faculty/staff (Dr.Naveen and Hemchandra pant). The students queued to the entrance and welcomed by Dr. D.C. Pandey. He introduced the whole journey of IIP.

**EDUCATIONAL TOUR- IIT ROORKEE (LAB VISIT)**  
**DEPARTMENT OF BIOTECHNOLOGY, SBAS, SGRRU,**  
**DEHRADUN**



On 9/December/2019, a team of 74 students from Shri Guru Ram Rai Universities' School of Basic and Applied Sciences went to an educational lab visit to IIT, Roorkee's Department of Biotechnology.

During the visit the students of SGRRU along with Dr. Naveen Gaurav (Head, Biotechnology, SGRR University) and Dr. Manish Dev Sharma were able to interact with the Head of the Department of Biotechnology of IITR, Dr. A.K. Sharma; Professor at the Department of Biotechnology, Dr. Partha Roy and a Professor of Inorganic Chemistry from the Chemistry Department, Dr. K. Ghosh. The team of students comprised of courses like, Research scholars, M.Sc. Biotechnology- 1<sup>st</sup> semester, B.Sc. Biotechnology (Hons)-5<sup>th</sup> semester, B.Sc. Biotechnology (CBZ) -5<sup>th</sup> semester. The team was divided into groups, Group 1, 2, 3, 4, 5, 6 and was then shown around the different facilities of the Department of Biotechnology. The groups were escorted to the different facilities of the Department by the Research Scholars, Mr. Chandrachun Ghosh and Ms. Sakshi Saini. The different labs the students had the privilege of visiting were,

- Lab of Bioprocessing Engineering
- Lab of Flow Cytometry and Confocal Microscope
- HPLC and GCMS lab
- Proteomics Lab
- Bioreactor Lab
- Tissue Culture Lab
- NMR Lab

**EDUCATIONAL TRIP- JAIPUR**  
**DEPARTMENT OF BIOTECHNOLOGY AND ZOOLOGY,**  
**SBAS, SGRRU, DEHRADUN**

A group of 46 students of Biotechnology and Zoology of SGRR SBAS, Dehradun is visited Jaipur ,Rajasthan for Educational cum Industrial visit tour during 27/03/2022 – 30/03/2022. They were accompanied by two faculties Dr. Naveen Gaurav , Mrs. Veena Maurya and Ms. Ruksar Ansari (Research Scholar, Microbiology).

**Saras Dairy, Jaipur**



**Birla Institute Jaipur**



**Dr. Naveen Gaurav** , Mrs. Veena Maurya and Ms.Ruksar extended their gratitude towards Plant Manager of Saras dairy processing plant and The Birla Institute for the initiative of welcoming the students of SBAS, SGRRU into their Departments and exposing them to processes of treatment of dairy products, their manufacturing and packaging and the current research projects ongoing in their advanced facilities If the Birla institute. He said that the interaction would help the students get a better understanding of all the practical applications of the instruments they learn about in their theoretical lectures.

He encouraged the students to express their own thoughts on the visit.

## REPORT ON INDUSTRIAL VISIT TO AVANTOR , DEHRADUN

**Details of Industrial visit are mentioned below-**

**Name :** Avantor , Selaqui , Dehradun.

**Date of visit :** 29 November 2019

**Faculty name :** Dr. Lokesh Gambhir.

Mr. Hem Pant.

**Description of the visit:**

An industrial visit to Avantor was organised for M.Sc Biotechnology (third semester) .

Avantor is a global manufacturer and distributor of high-quality products , services in the life sciences and advanced technologies industries . From discovery to delivery , they are a trusted global partner to consumer and suppliers in the life sciences , advanced technologies and applied materials industries .

Avantor's branch in Dehradun , Uttarakhand , specializes in manufacturing diagnostic kits, including their Benesphera Diagnostic solutions and rapid test kits.



- We were introduced to  
**Dr. Pankaj Krishna.** ( Plant Head )  
**Mr. Amit Pandey .** ( QA / QC Head )  
**Dr. Abhijit Sarkar.** ( R&D Department )  
**Dr. Raghwan.** ( Production Department )  
and they told us about their company and a small introductory session was held.

# **EDUCATIONAL TOUR- CENTRE FOR AROMATIC PLANTS DEHRADUN (LAB VISIT AND FIELD VISIT)**

## **DEPARTMENT OF BIOTECHNOLOGY, SBAS, SGRRU, DEHRADUN**



A group of 50 students of Biotechnology of SGRRSBAS, Dehradun is visited CAP, Dehradun and Robbers cave for Educational cum Industrial visit tour on 5 April 2022. They were accompanied by two faculties Dr. Naveen Gaurav and Dr. Rashmi Verma and two PhD scholars Mr. Hempant and Miss. Monika Was moved to the location in the morning at 10:00am from the university itself. By 11:00 am the students along with the faculty members reach at the destination, which is CAP (Center for aromatic plants) which is situated in the Silique, Industrial area, Dehradun, Uttarakhand. Which is approximately around 20kms away from our SGRR University. There the students are divided into two groups Group A and Group B. and both the groups are assign with the two experienced faculty members which work at CAP. They give a brief introduction on the Steam Distillation plant, which is generally used for the oil and aromatic compound separation from the plants after completion of that, we visited the farm which have so many crops planted there. One of the famous plantations which they told us is of Damask rose. Which is usually cultivated in the hilly areas. The other plants planted there are lemon grass, different species of mint and tulsi, they give us the brief introduction about very plant and also, told us there uses and advantages. Dr. Naveen Gaurav extended his and Dr. Rashmi Verma gratitude towards general manager, CAP, silique, Dehradun, Uttarakhand. The guide there interacted with the students and said that the interaction would help the students get a better understanding of all the practical application of the instruments, they learn about in their theoretical lectures. He encouraged the students to express their own thoughts on the lab visit.

## SHRI GURU RAM RAI UNIVERSITY, Dehradun



Educational Tour of Chandigarh and Shimla



A group of 45 students of Biotechnology, Zoology and Chemistry of SGRRSBAS, Dehradun is visited Chandigarh, Shimla and Kufri for Educational cum Industrial visit tour during 29/02/2020 – 03/03/2020. They were accompanied by two faculties Dr. Naveen Gaurav and Mr. Kamal Bijalwan and two PhD scholars Miss Himani and Miss Ruksar.

**Report By:**

**Department of Biotechnology, Zoology and Chemistry  
Shri Guru Ram Rai School of Basic and Applied Sciences  
SGRRU, Dehradun**

# SHRI GURU RAM RAI UNIVERSITY, Dehradun



## Educational Tour of Chandigarh and Manali



Report By:

Department of Biotechnology, Zoology, Microbiology and PCM

Shri Guru Ram Rai School of Basic and Applied Sciences

SGRRU, Dehradun

A group of 68 students of Biotechnology, Zoology Microbiology and PCM of SGRR SBAS, Dehradun visited Chandigarh, Manali and Rohtang for Educational cum Industrial visit tour during 07/11/2022 – 11/11/2022. They were accompanied by three faculties Dr. Naveen Gaurav and Dr. Manish Dev Sharma , Dr. Veena Maurya ; One lab assistant – Mr. Girish Chandra.

## **Educational Tour of Amritsar & Dalhousie**

Report by :- Department of Biotechnology, Zoology, Microbiology and PCM.

**SHRI GURU RAM RAI UNIVERSITY,  
SCHOOL OF BASIC AND APPLIED SCIENCES,  
PATEL NAGAR, DEHRADUN, UTTRAKHAND.**

A group of 43 students, accompanied, and under the thorough guidance of Dr. Naveen Gaurav (Hod Biotech), Dr Veena Maurya (Assistant professor Zoology), Respected Kamlesh Ma'am (Lab Technician) departed from SBAS in the Evening of 12<sup>th</sup> April.



We then departed for Dalhousie, and after reaching Dalhousie we rested in our hotel and then went to Khajjiar for Camping where we experienced a small Trek and the views of the snow capped Himalayan Range, where we enjoyed a Bonfire night and the next day we enjoyed the Khajjiar Lake. On 16<sup>th</sup> April we started our journey back to Dehradun and on 17<sup>th</sup> April we arrived SGRU, SCHOOL OF BASIC AND APPLIED SCIENCES, Patel Nagar, Dehradun, Uttarakhand.

## Patanjali Tour on 4<sup>th</sup> May 2019 (Department of Biotechnology and Microbiology)

**Educational field visit** accompanied by **Dr. NAVEEN GAURAV, LOKESH GAMBHIR, Dr. MANJUSHA TYAGI, Mrs. PREETY JUYAL** and one Ph.D. Scholars **Mr. Hempant** for 51 students of the Biotechnology and microbiology department, which happened for one day 04<sup>th</sup> May, 2019. In which various students from different course took the chance to explore A huge variety of aromatic plants which are renowned for their medical significance, aroma therapeutic properties and other economical and financial uses.

