

## **Industrial Visit**

<b>Name of activity</b>	‘Industrial Visit of Second-year and Third-year Biotechnology-Microbiology Students’
<b>Objectives of the activity</b> <b>(maximum 40 words)</b>	To acquaint students of Biotechnology and Microbiology with <ul style="list-style-type: none"><li>● Entrepreneurial venture on spirulina cultivation</li><li>● Commercial scale processes involved in the cultivation of plant varieties in greenhouse</li><li>● Processing and manufacturing of honey and food products through plant visit</li><li>● Research on plant pathology through field visit</li></ul>
<b>Organizing department/s</b>	Department of Microbiology and Biotechnology, VPM’s B. N. Bandodkar College of Science (Autonomous), Thane
<b>Collaborative institute</b>	Not applicable
<b>Date</b> <b>( DD / MM / YYYY )</b>	12/12/2024 to 14/12/2024
<b>Venue</b>	1. Govind Greenhouse, Talegaon, Pune 2. Nutrigien Agrotech, Mundhawa, Pune 3. Madhusagar Honey Manufacturing, Mahabaleshwar 4. Regional wheat rust research station, Mahabaleshwar 5. Mapro factory and food park, Shendurjane, Wai
<b>Mode</b>	Offline

<b>Details of Resource persons</b>  <b>(name, designation, institution)</b>	<ul style="list-style-type: none"> <li>● Mr Rushi Pawar at Govind Greenhouse, Talegaon</li> <li>● Ms. Supriya Gaikwad, Director, Nutrigien Agrotech Pvt Ltd.</li> <li>● Staff members, Madhusagar Honey Farm, Mahabaleshwar</li> <li>● Dr. Sandip Dighule, Regional wheat rust research station, Mahabaleshwar</li> <li>● Guided visit to Mapro factory and food park, Wai.</li> </ul>
<b>Key Participants</b>	<p>Second-year &amp; Third-year Biotechnology</p> <p>Third year Microbiology students</p>
<b>Remarkable outcomes/ key take-away messages</b>  (max. three)	<ul style="list-style-type: none"> <li>● The visit to Govind Greenhouse in Talegaon provided students with an opportunity to explore greenhouse facilities, including open-vent polyhouses and the fan-pad cooling system used for cultivating exotic plants like kale, lettuce, and commercially significant varieties of rose, spinach, and tomato.</li> <li>● Students gained insights into the intricacies of spirulina cultivation and explored the entrepreneurial journey of the founder and director of Nutrigien Agrotech. Visit to the honey processing and packaging unit at Madhusagar</li> <li>● Visit to Regional wheat rust research station provided students a deeper understanding of wheat rust research, plant pathology and susceptibility testing through field visit. Students also visited Mapro foods and gained information about manufacturing facilities for Jams, Fruit syrup, and chocolates through a tour of the plant and informative videos.</li> </ul>
<b>Details of participants</b>	<p>Total 60 students of second year Biotechnology and third year Biotechnology- Microbiology classes participated in the industrial visit</p>
<b>Total Number</b>	<p>60 students</p> <p>Male: 12    Female: 48</p>
<b>Outsiders</b>	<p>Tour Manager: Mr. Pratik Kharat</p>

<b>In-house</b>	Faculty members:04	Students:60
<b>Additional information</b>	-	

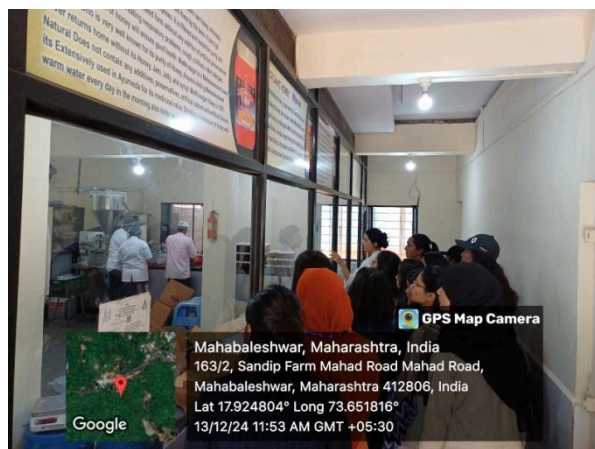
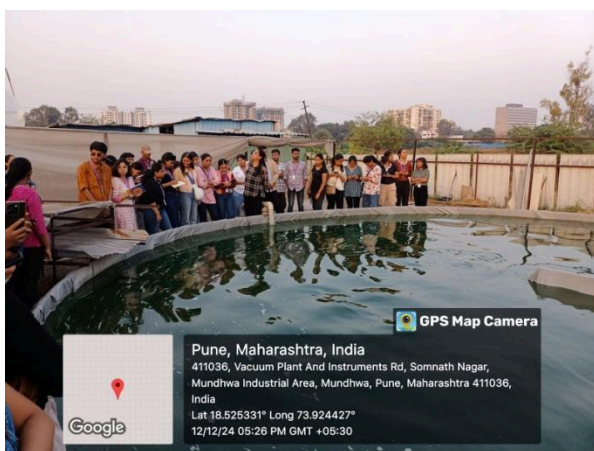
Name of Coordinator/ teacher in-charge:

Dr. Ashwini Tilak

Dr. Kalpita Mulye  
Dr. Jayashree Pawar

Ms. Purvi shah

**Two Geo tagged photos:**



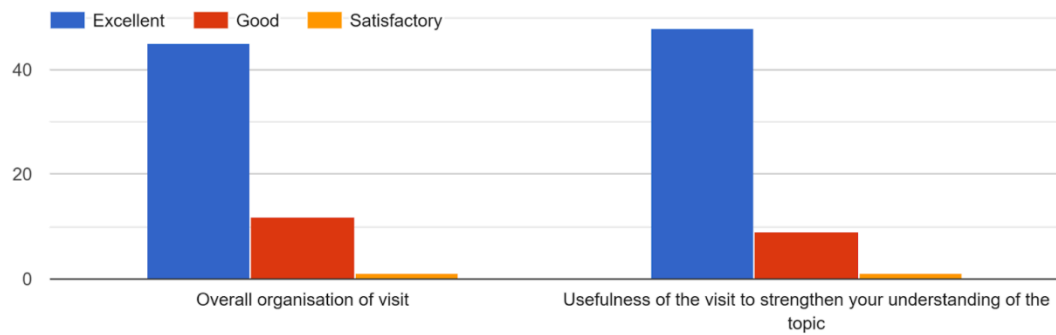


## Feedback:

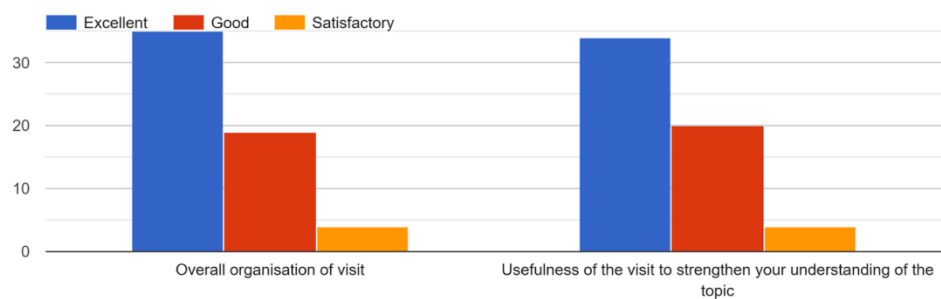
Govind Greenhouse Pvt Ltd



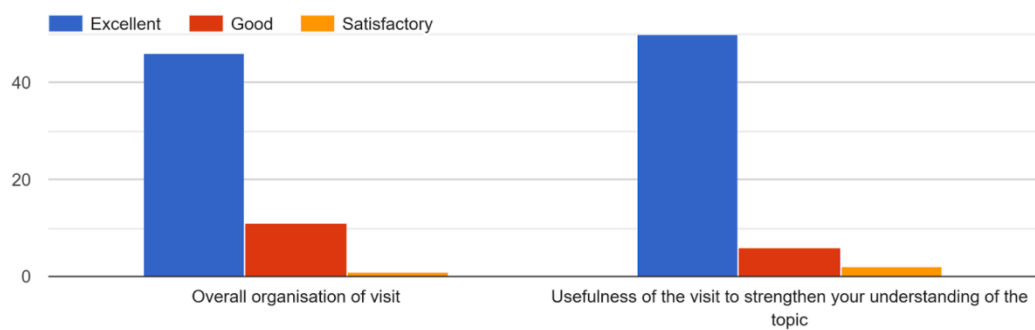
Nutrigien Agrotech



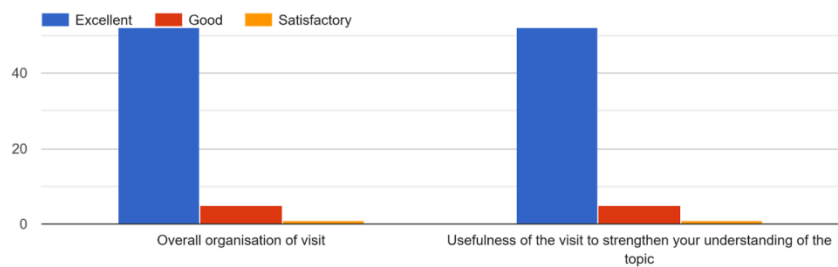
### Madhusagar honey manufacturing, Mahabaleshwar



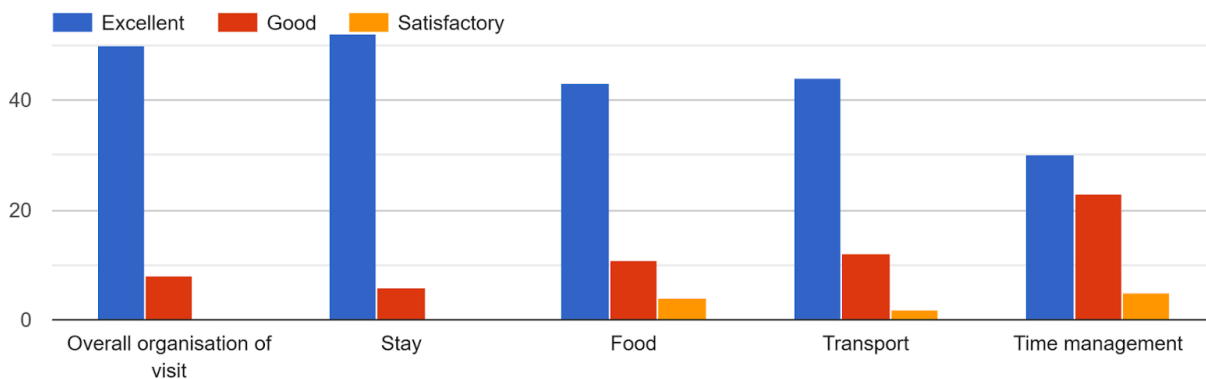
### Regional Wheat Rust Research Station, Mahabaleshwar



### Mapro Food Park, Wai



## Overall feedback

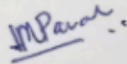


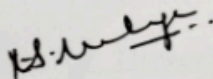
## Notice:

**VPM's B.N.BANDODKAR COLLEGE OF SCIENCE (AUTONOMOUS), THANE.  
DEPARTMENT OF BIOTECHNOLOGY AND MICROBIOLOGY  
NOTICE**

**05/12/2024**

All the students of S.Y.B.Sc and T.Y.B.Sc (Biotechnology and Microbiology) are hereby informed that their three days Industrial Visit to Pune – Mahabaleshwar has been organized on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> December 2024. Interested students give their names to Mrs. Mohini Kakde (Lab Assistant) on or before 10<sup>th</sup> December 2024.

  
**Head**  
Department of Biotechnology  
VPM's B.N. Bandodkar College of Science (Autonomous)  
Thane (W)

  
**Head**  
Department of Microbiology  
VPM's B.N. Bandodkar College of Science (Autonomous)  
Thane (W)