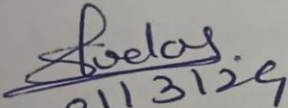


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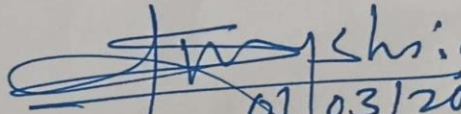
All M.Sc (Organic chemistry) I Year students are hereby informed that the college has arranged on-job training at Someshwar Sahakari Sakhar Karkhana. Tal-Baramati, Dist-pune during the period of 6th Mar2024 to 14thMar 2024

Details:

- Training Duration: one week
- Training Dates: - 6th Mar 2024 to 14th Mar 2024
- Time: 10:00am to 04:00pm
- Venue: Someshwar Sahakar Sakhar Karkhana, Someshwarnagar


0113129
Asst.Prof.Ghadge S.S)

Class Teacher


01/03/2024
Prof. Dr.S.B.Suryawanshi

Principal
Principal
Someshwar Science College, Someshwarnagar

Report on On-Job Training at Someshwar Sahakari Karkhana

1. Introduction Someshwar Sahakari Karkhana, is a renowned cooperative organization specializing in sugar production and allied activities. Located in Someshwarnagar, it has been a cornerstone of the regional economy, providing employment and fostering sustainable agricultural practices. The on-job training program aimed to provide practical exposure to the industrial processes, management practices, and day-to-day operations at the karkhana.

2. Objectives of the Training

- To understand the production process of sugar and its by-products.
- To gain hands-on experience in machinery operation and maintenance.
- To learn about the supply chain, procurement, and storage management.
- To observe the cooperative structure and understand its impact on stakeholders.

3. Training Duration and Schedule The training was conducted from 6th Mar 2024 to 14th Mar 2024, spanning one week. It included a combination of theoretical sessions, field visits, and hands-on practice in various departments. The schedule was as follows:

- Day 1: Orientation and safety protocols.
- Day 2: Overview of the sugar production process.
- Day 3 & 4: Exposure to by-product processing units.
- Day 5 & 6: Insights into procurement, storage, and quality control.
- Day 7: Observation of cooperative governance and financial management.

4. Key Learnings

a. Production Process

- **Cane Reception and Crushing:** Understood the process of sugarcane procurement, transportation, and primary crushing to extract juice.
- **Juice Clarification and Evaporation:** Observed how impurities are removed and juice is concentrated into syrup.
- **Crystallization and Centrifugation:** Gained insights into the formation of sugar crystals and their separation from molasses.
- **Packaging:** Learned about the packaging techniques and quality standards adhered to during the final stage.

b. By-Product Utilization

- Learned about the efficient use of molasses in ethanol production.
- Observed the manufacturing of bagasse-based bioenergy.
- Understood the application of press mud as a bio-fertilizer.

c. Cooperative Management

- Studied the structure of the cooperative and its decision-making process.
- Interacted with stakeholders, including farmers, workers, and management, to understand their roles and contributions.
- Gained knowledge about financial planning and profit-sharing mechanisms.

5. Challenges Faced

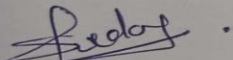
- Initial unfamiliarity with industrial machinery required extra effort to adapt.
- Managing time across different departments was demanding but rewarding.
- Understanding technical jargon and complex processes needed focused attention.

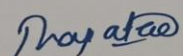
6. Conclusion The on-job training at Someshwar Sahakari Karkhana was an invaluable experience, bridging the gap between theoretical knowledge and practical application. It enhanced my understanding of industrial operations, cooperative management, and sustainable practices in the sugar industry. The exposure has significantly enriched my skill set and prepared me for future professional challenges.


7. Recommendations

- Future training programs could include more interactive sessions with senior management to gain deeper insights.
- Incorporating a structured feedback mechanism for trainees can enhance the learning experience.
- Providing supplementary materials, such as process diagrams and manuals, can support quicker adaptation to technical aspects.

8. Acknowledgment I extend my heartfelt gratitude to the management and staff of Someshwar Sahakari Karkhana for their guidance and support throughout the training period. Special thanks to my mentors for their invaluable advice and encouragement.


Class Teacher


Head
Department of Chemistry


Principal
Someshwar Sahakari College Someshwarnagar



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E-mail : someshwarsakhar@gmail.com

Website : www.someshwarsakhar.com

No.:L.O./ 84 /2024-2025

Date : 04/04/2024

CERTIFICATE

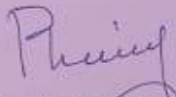
To Whom It May Concern

This is to certify that **Kokare Sheetal Ashok** has successfully completed the Training in our Sugar Factory Manufacturing Laboratory for the Job Training (M.Sc. Ist) student of College of Shri Someshwar Science College, Someshwarnagar, Tal-Baramati, Dist- Pune during the period of 06/03/2024 to 14/03/2024.

During the Training period she was found sincere and hard worker in the duties to the best of knowledge she bears a good moral character.

We wish him best success in future.

Regards.


MANAGING DIRECTOR
Shri Someshwar S.S.K.Ltd.,



Shri Someshwar Sahakari Sakhar Karkhana Ltd.,

Someshwarnagar, Taluka-Baramati, Dist-Pune (maharashtra) Pin-412 306

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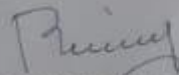
To Whom It May Concern

This is to certify that **Nigade Nikita Dattatraya** has successfully completed the Training in our Sugar Factory Manufacturing Laboratory for the Job Training (M.Sc. Ist) student of College of Shri Someshwar Science College, Someshwarnagar, Tal-Baramati, Dist- Pune during the period of 06/03/2024 to 14/03/2024.

During the Training period she was found sincere and hard worker in the duties to the best of knowledge she bears a good moral character.

We wish him best success in future.

Regards.


MANAGING DIRECTOR
Shri Someshwar S.S.K.Ltd.,