

NC11342

Maharashtra Mahavidyalaya, Nilanga



INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for the Award of Degree of
B.Voc Food Processing, Preservation and Storage

by

Birajdar valshnavi Mayur

BATCH -2021-24

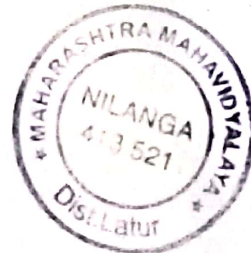
At

SATARA MEGA FOOD PARK PRIVATE LIMITED

Duration: 01/01/2024- 31/03/2024



720



CANDIDATE'S DECLARATION

I hereby declare that this project report or part thereof has not been submitted by me or any other person to any other university or institute for degree or diploma.

Place: Chibhoga

Date: 05.06.2024

Vaishnavi

Miss Vaishnavi Mayur Birajdar

**SATARA MEGA
FOOD PARK**

PROCESSING PROSPERITY



CERTIFICATE

OF TRAINING

THIS IS TO CERTIFY THAT

Birajdar Vaishnavi Mayur

Has work as In-plant trainee at SATARA MEGA FOOD PARK PRIVATE LIMITED

From 01/01/2024 to 31/03/2024 during his/her tenure with us, he/she found very sincere and hardworking.

We wish all the best for his/her bright future.

01/04/2024

DATE



Spotekar

SIGNATURE

ACKNOWLEDGEMENT

I take this opportunity to express my deep sense of respect & thanks to the whole management of Satara Mega Food Park Pvt. Ltd. for allowing me industrial training program which is to gain my practical skill. First and foremost, I extend my heartfelt gratitude to **Mr. Sandesh Potekar Sir** (Plant Manager), **Mr Sandesh Tekhedkar Sir**, **Mr. Shriram Markad Sir**(Production Managers), **Mr. Amol Nikam Sir** (QC Manager) for giving me opportunity as trainee in their estimated organization. My thanks would not be complete without that all the Quality and Production Executives, Supervisors and operators who explained me various processes, patiently answered my queries and cleared my doubts whenever necessary in spite of their busy schedule.

Finally, I have great pleasure to express my deep sense of sincere sentiment of thanks to **M.N Kolpuke Sir** for this opportunity to undergo In-plant training in "**SATARA MEGA FOOD PARK**" and mentoring me throughout.

Place:

Date:

INDEX

| Sr.no. | Title | Page no. |
|--------|--|----------|
| 1. | History of Satara Mega Food Park | 9 |
| 2. | Introduction Certifications and licenses Infrastructure Major Manufacturing Units | 10-13 |
| 3. | Mission, Vision and Values 3.1 Vision Mission Values | 13 |
| 4. | General Information General information Board of directors | 14-15 |
| 5. | Organization structure 5.1 Plant Layout | 16 |
| 6. | Range Of Products | 17-21 |
| 7. | Production Jam Frozen and Aseptic pulp line Crushes, squash and sharbats Sauces | 21-36 |
| 8. | Quality Control and Quality Assurance Sensory evaluation Chemical Analysis Microbiological Analysis | 36-40 |
| 9. | Marketing Introduction to marketing Supply Chain Management Estimated Customer of Satara Mega Food Park | 41-43 |
| 10. | Packaging and Storage Introduction to packaging Storage Facilities | 43-47 |
| 11. | Others | 48-52 |
| 12. | Conclusion | 52-53 |

LIST OF FIGURES

| Figure No. | Contents |
|------------|--|
| 1. | 3D Model of Food Park |
| 2. | Other infrastructural facilities |
| 3. | Location of manufacturing units |
| 4. | Organizational structure |
| 5. | Plant layout of SMFP |
| 6. | Frozen strawberries |
| 7. | BVG Products(Brekky) |
| 8. | Weikfield Products |
| 9. | Star Bazar products |
| 10. | Aadiruchi Spices (BVG) |
| 11. | Jam Preparation |
| 12. | Fruit inspection |
| 13. | Aseptic pulp filling line |
| 14. | Diagrammatic representation of ketchup preparation |
| 15. | Preparation Tank |
| 16. | Ketchup Filling |
| 17. | Steam jacketed kettle |
| 18. | Chemical Analysis |
| 19. | Bostwick Consistometer |
| 20. | Hand refractometer |
| 21. | Microbiological Analysis |
| 22. | Metal cans |
| 23. | Glass jars |
| 24. | Paper as a packaging material |
| 25. | 5 step CIP process |

LIST OF TABLES

| Table No. | Content |
|-----------|----------------------------|
| 1. | Infrastructural facilities |
| 2. | Other amenities at SMFP |
| 3. | Governing Body |
| 4. | Standards for Jam |
| 5. | Standards for Pulp |
| 6. | Standards for Crushes |
| 7. | Microbial tests |

1. History

In 1991, Shri Hanmantrao Ramdas Gaikwad started a non-profit Bharat Vikas Pratishtan to funds of poor & needy students, having been through financial struggles himself. His career began with Telco (now Tata Motors) as a graduate trainee engineer in 1994 and his non-profit no started to help rural youth get jobs and livelihood. Destiny supported the enterprising nature of Mr. HR Gaikwad, Chairman and Managing Director, BVG & his burning desire to help India's Progress led to the birth of BVG (Bharat Vikas Group) in 1997 as a housekeeping company with 8 people & 1 clients. Sheer focus on quality of work, 'Yes, we can' approach to work, and a dedicated team of BVG has taken BVG from an 8-member housekeeping company to India's Largest Integrated services company with 75000+ employees, serving 800+ sites for 750+ customers in 70 cities across 20 states across India. Located around the town of Satara in Western India, BVG Foods manufactures Fruit Jams; Fruit beverages, Sharbat, Crushes. With an annual processing capacity of around 30 thousand MT, BVG is a market leader in Western India. The company has grown organically over the last Two decades with sustained profitability. Known for its quality and innovation, BVG has been built on its founder's philosophy of developing products that are wholesome, nutritious, value for-money, and imaginative. India is one of the key food producers in the world and has second largest arable land in the world for crop production.



Figure No.1: 3D model of SMFPPL

2. Introduction:

Mega Food Park is a scheme of the Ministry Of Food Processing Industries (Government Of India) with the aim of establishing a “direct linkage from farm to processing and then to consumer markets” through a network of collection centres and primary processing centres. The scheme of Mega Food Park aims at providing a mechanism to link agricultural production to the market by bringing together farmers, processors and retailers so as to ensure maximizing value addition, minimizing wastage, increasing farmers income and creating employment opportunities particularly in rural sector.

Mega Food Park typically consist of supply chain infrastructure including collection centre, primary processing centres, central processing centres, cold chain and around 25-30 fully developed plots of entrepreneurs to set up food processing units.

The Mega Food Park Scheme is based on “cluster” approach and envisages creation of state of art support infrastructure in a well-defined agricultural / horticultural zone for setting up of modern food processing units in the industrial plots provided in the park with well-established supply chain.

The Satara Mega Food Park is promoted by BVG India Limited, which is India’s largest integrated services company with annual turnover of over Rs.7.5/- crore, 60000+ employees serving 750+ Government & Private clients like the Supreme Court of India, Rashtrapati Bhawan, Parliament House, Prime Minister’s Office & Residence, Railways, NPCIL, Adani, HP, ONGC, Reliance, Tata Motors, Bajaj Auto, Volkswagen, State Power Utilities, and many more. BVG operates in 800 sites across 70 cities and 20 states in India. We implement and manage public service projects for governments on PPP basis. Maharashtra’s Dial-108, has 950 ambulances each with a doctor 24 x 7 x 365 and assures to reach victims within 15 minutes of the alert. Madhya Pradesh’s Dial 100 has 1,000 vehicles equipped with audio-video recording and evidence gathering mechanism and a policeman 24 x 7 x 365, also with an assurance of reaching victims with 15 minutes of the alert. BVG India Limited has implemented and now manage both these services, which are today, the world’s largest set-ups of their kind.

The proposed food park is located at 1288-1, 1288-2, 1490-1, 1490-2 at village Degaon in Taluka and District Satara, Maharashtra. As a part of this project, BVG India Limited with Satara Mega Food Park Pvt. Ltd. plans to set- up following manufacturing facilities for processed fruit products: Fruit/Vegetable Sorting/Grading Line (Capacity 1TPH)