



KLS Vishwanathrao Deshpande Institute of Technology

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(Approved by AICTE, New Delhi. Affiliated to VTU, Belagavi)

(Recognized Under Section 2(f) by UGC, New Delhi)

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Entrepreneurship Development Cell



22/2/2024

Mechanical Engineering Department

Industrial visit Report

Entrepreneurship Development Cell is arranging the industrial visits to connect with the entrepreneurs of Micro, Small and Medium Scale Enterprises (MSMEs) to encourage the students to become a successful entrepreneur. In this view, the 3rd semester students of Mechanical Engineering Department have visited Suvarna Enterprises, Industrial area, Guddapur, Haliyal on 20/2/2024 to study the manufacturing process of paper cups, plates and procedure to setup the micro scale industry. Dr. Shankar Badiger and Dr. Anant Joshi have visited the industry along with the students.

Key Observations:

1. Manufacturing Process:

- **Raw Material Selection:** The company emphasized the importance of selecting high-quality raw materials, primarily food-grade paperboard, for the production of paper cups and plates.
- **Forming and Shaping:** We observed the various stages involved in forming and shaping the paperboard into desired cup and plate shapes. The process involved cutting, molding, and heating techniques.
- **Finishing and Packaging:** After forming, the paper cups and plates underwent finishing processes such as printing, coating (if applicable), and packaging. Quality control measures were implemented at each stage to ensure product integrity.

2. Machinery and Equipment:

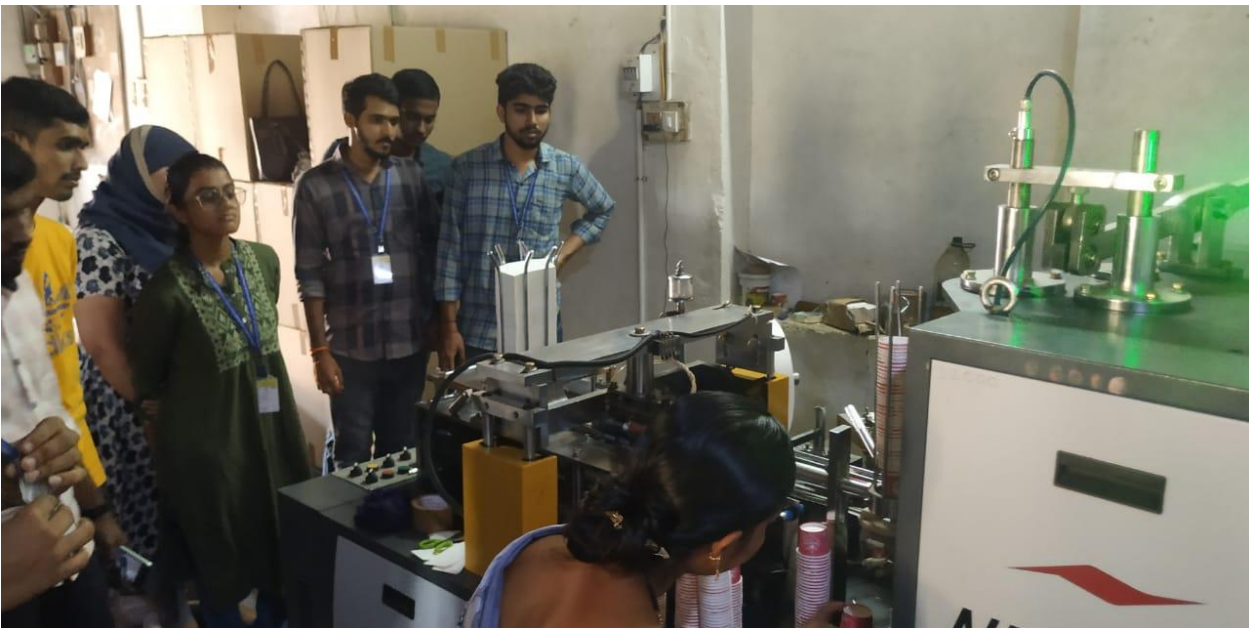
- Suvarna Enterprises showcased their state-of-the-art machinery and equipment used for manufacturing paper products. This included automated cup forming machines, die-cutting machines, printing presses, and packaging equipment.

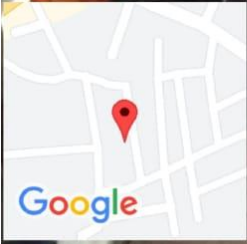
- The integration of technology and automation significantly enhanced production efficiency and consistency.

3. Entrepreneurship Insights:


- The management team shared their experiences and challenges encountered during the establishment and growth of the micro-scale industry.
- Regulatory Compliance: Discussions also touched upon the regulatory requirements and certifications necessary for operating a paper manufacturing unit, including environmental sustainability standards.

Photos of the visit:






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