



Pradnya Niketan Education Society, Pune.

# **NAGESH KARAJAGI *ORCHID* COLLEGE OF ENGINEERING & TECHNOLOGY, SOLAPUR**

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere

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## **Department of Electronics & Telecommunication Engineering Academic Year 2022-23**

### **Report of Industrial Visit**

Place of visit: Dudh Pandhari, Kegaon Milk Plant, Solapur.

Date: 2<sup>nd</sup> April 2023.

A Class of Third year students of Electronics and Telecommunication Engineering Department along with Head of Department Prof.Dhotre S.S & faculty members Prof.A.I.Nadaf, Prof.S.R.Mulmane.& Prof.Dhanashetti A.G visited Dudh Pandhari, Kegaon Milk Plant, Solapur.

This visit was mainly focussed on to understand the advanced technology used in manufacturing, Processing & Packing of products. This visit was arranged for a subject Industrial Internet Of Things.

Topics covered in this visit were different sensors and packing techniques used at milk processing Industry. Students were split into two groups. An instructor from Dudh Pandhari explained about the facilities available inside the industry, their methods of collecting Milk, the equipment used for the storage of Milk. He also explained about how milk is pasteurized and how a packing is done according to volume of Milk.

#### **OUTCOME OF THE VISIT:**

- The advanced technology and the equipment used for manufacturing, Processing & Packing of products.
- The various sensors used at milk processing Industry were explained.
- Discussion on the difficulties faced and possible solutions to overcome these difficulties was held.

Photo Gallery:





## Milk Purchasing and Testing unit



## Initial Cooling of Milk





Ammonia Refrigerant Tank



Compressors

Visit Coordinator  
Prof.Dhanashetti A.G.

HOD  
Prof.Dhotre S.S





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## **Department of Electronics & Telecommunication Engineering Academic Year 2022-23**

### **Report of Industrial Visit**

Place of visit: Srujan Food Private Limited, Solapur

Date: 2<sup>nd</sup> April 2023.

A Class of Third year students of Electronics and Telecommunication Engineering Department along with Head of Department Prof.Dhotre S.S & faculty members Prof.A.I.Nadaf, Prof.S.R.Mulmane.& Prof.Dhanashetti A.G visited Dudh Pandhari, Kegaon Milk Plant, Solapur.

This visit was mainly focussed on to understand the advanced technology used in manufacturing, Processing & Packing of products. This visit was arranged for a subject Industrial Internet of Things.

Topics covered in this visit were different sensors and packing techniques used at manufacturing Industry. We were first assembled and taken to the audio-visual room. There we were shown a very informative video with a fun twist in the form of a story which informed us about the history of Parle and how it has emerged as one of India's topmost snacks and confectionaries manufacturing company.

As we entered the manufacturing floor the dough was being kneaded by big kneaders; the biscuits were molded into shape and then were being rolled through the baking oven. The oven was over 50 feet long and at the end the biscuits were cooled by going through a long conveyor belt. After cooling, they were packaged and filled into boxes by automated machines and workers respectively.

#### **OUTCOME OF THE VISIT:**

- The advanced technology and the equipment used for manufacturing, Processing & Packing of products.
- The various sensors used at manufacturing of Biscuits and at quality testing of Biscuits.
- Discussion on the difficulties faced and possible solutions to overcome these difficulties was held.

Photo Gallery:



Visit Coordinator

Prof.Dhanashetti A.G.

HOD

Prof.Dhotre S.S.