

SANDIP FOUNDATION'S  
**SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE**

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Date: 23/12/2022

To,  
Managing Director,  
Zika Agro Food Industries  
Gate No. 5q/2, Odha Village,  
Nashik-Aurangabad Rd., Nashik-422 101.

Sub: Permission for industrial visit of second year engineering students

Kind Attn: Mr. Anil kumar Singh

Dear Sir,

Sandip Foundation's Sandip Institute of Technology and Research Centre is NAAC accredited Institute with 'A' grade affiliated to Savitribai Phule Pune University. Our Mechanical Engineering department is accredited by NBA, is imparting education based on state-of-art pedagogy. In this endeavour, our second year students need to visit your plant to study the construction and functioning of the installed boiler in your company.

We would be highly obliged if our students get this opportunity to observe operations of boiler to shape their practical thinking to take on technological challenges in their career. The discipline and safety of the students as per the plant instructions will be ensured by our accompanying staff members.

The details of visit are:

Subject: Engineering Thermodynamics

Total strength: 50

No. of faculties: 03

Yours Truly,

  
Prof.(Dr.) Millind M. Patil

(I/C) Principal

SITRC, Sandip Foundation



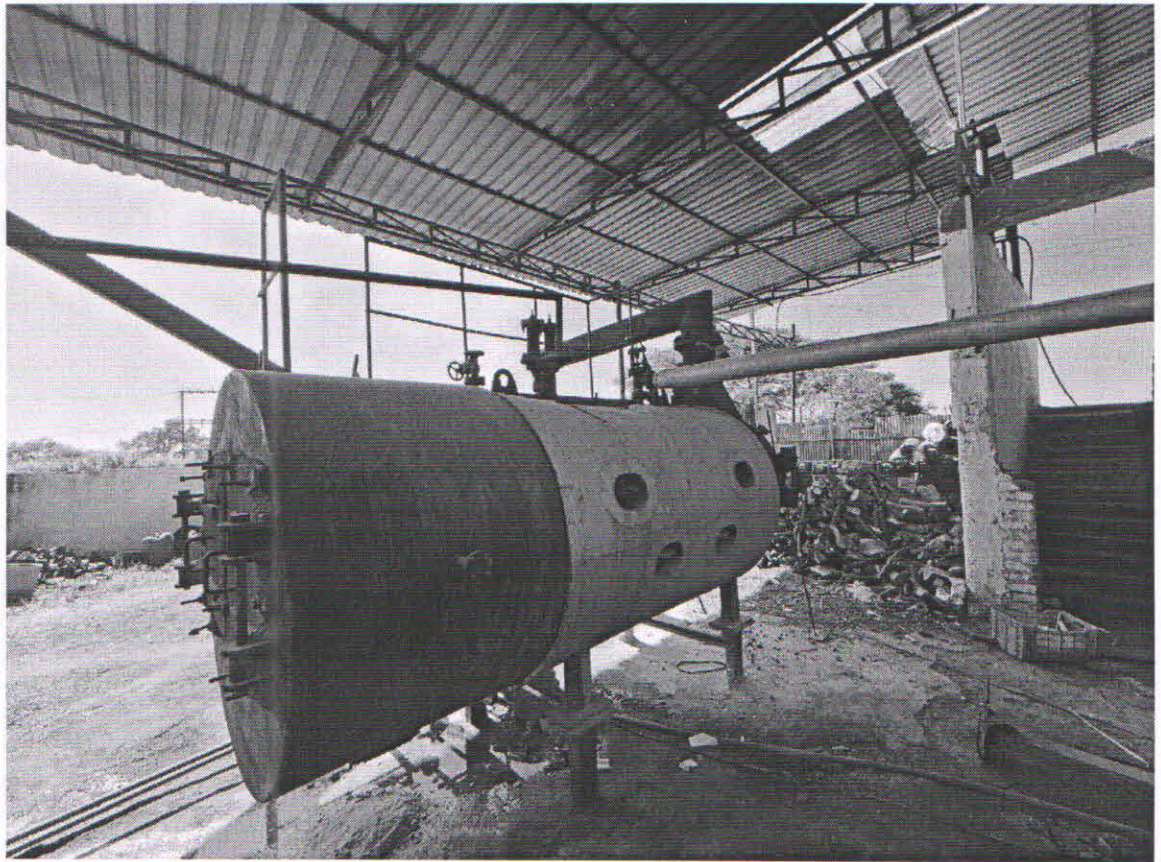
**Sandip Foundation's**  
**Sandip Institute of Technology & Research Centre, Nashik**  
**Department of Mechanical Engineering**  
**Academic Year 2022-23**  
**Report on "Industrial Visit to Zaika Agro Foods Ltd"**

- 1. Event Title:** Industrial Visit to Zaika Agro Foods Ltd. for SE Mechanical
  
- 2. Event Date:** 24/12/2022 (Saturday)
  
- 3. Event Conduction Duration:** 11 am to 2 pm
  
- 4. Event Venue:** Zaika Agro Foods Ltd., Odha Village, Nashik
  
- 5. Event Resource Person Details:** Mr. Anil Singh, Director
  
- 6. Name of Event Coordinator:** Dr. S. V. Kasar, Prof. S. D. Katkade, Prof. P. A. Gade
  
- 7. Event Objectives & Outcomes**
  - **Objectives of Activity:** To study the boiler and application steam in process industry.
  - **Outcomes of Activity:** Students can describe the function of installed boiler and sketch its layout along with its application for tomato juice concentration.
  
- 8. Description of Event: Students of Second year of mechanical Engineering visited the**

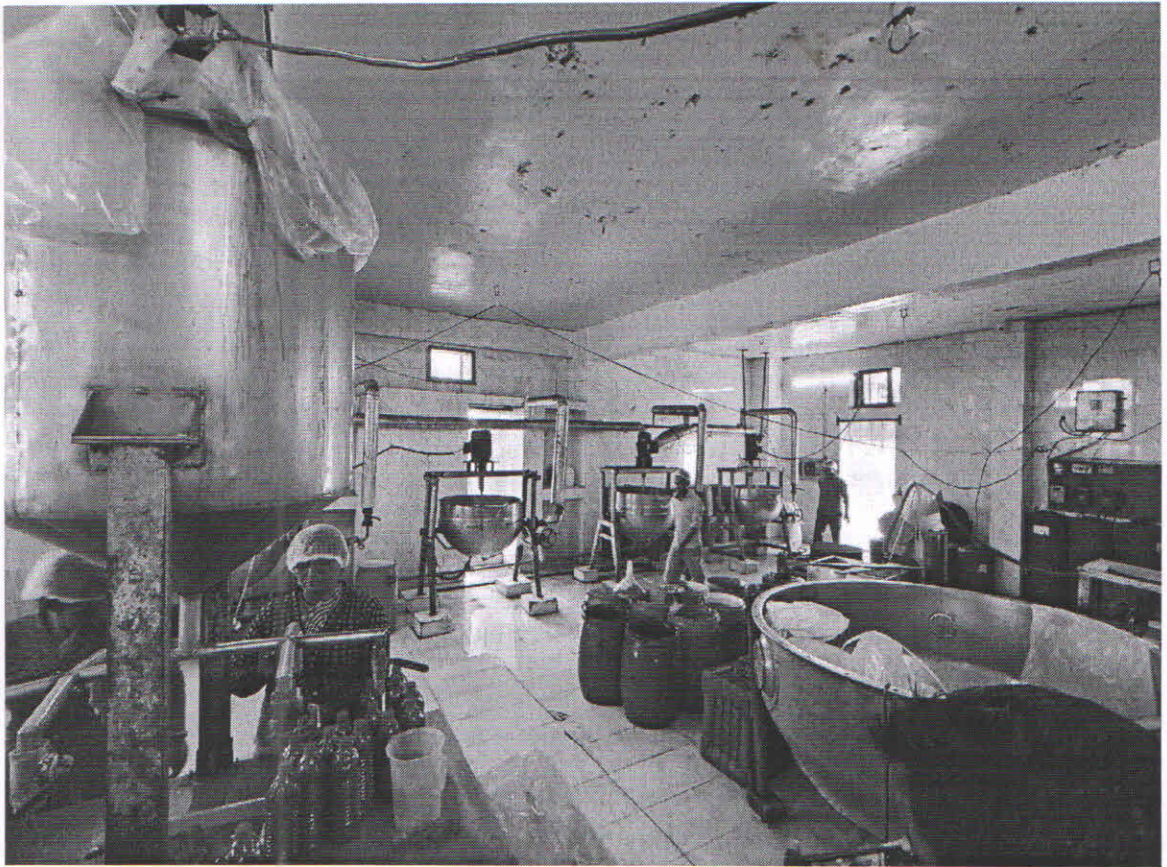
Prof. P. S. Shirsath organized visit to Zaika Agro Foods Ltd which is one of the premier in food processing. Mr. Anil Singh, director of the plant illustrated all the processes enthusiastically. Students of S.E.(Mechanical) studied the industrial boiler installed for steam generation which is finally used for tomato juice concentration. The boiler is of miniature size and IBR & firewood fired type with steam generation capacity of 800 kg/hr at rated pressure of 10 kg/cm<sup>2</sup>. The student learned all the necessary attachments to the boiler and its functioning as a part of their course on Engineering Thermodynamics.

**Event photos**

**9. Photographs of 'Industrial Visit to Zaika Agro Foods Ltd., for S.E. (Mechanical) students**

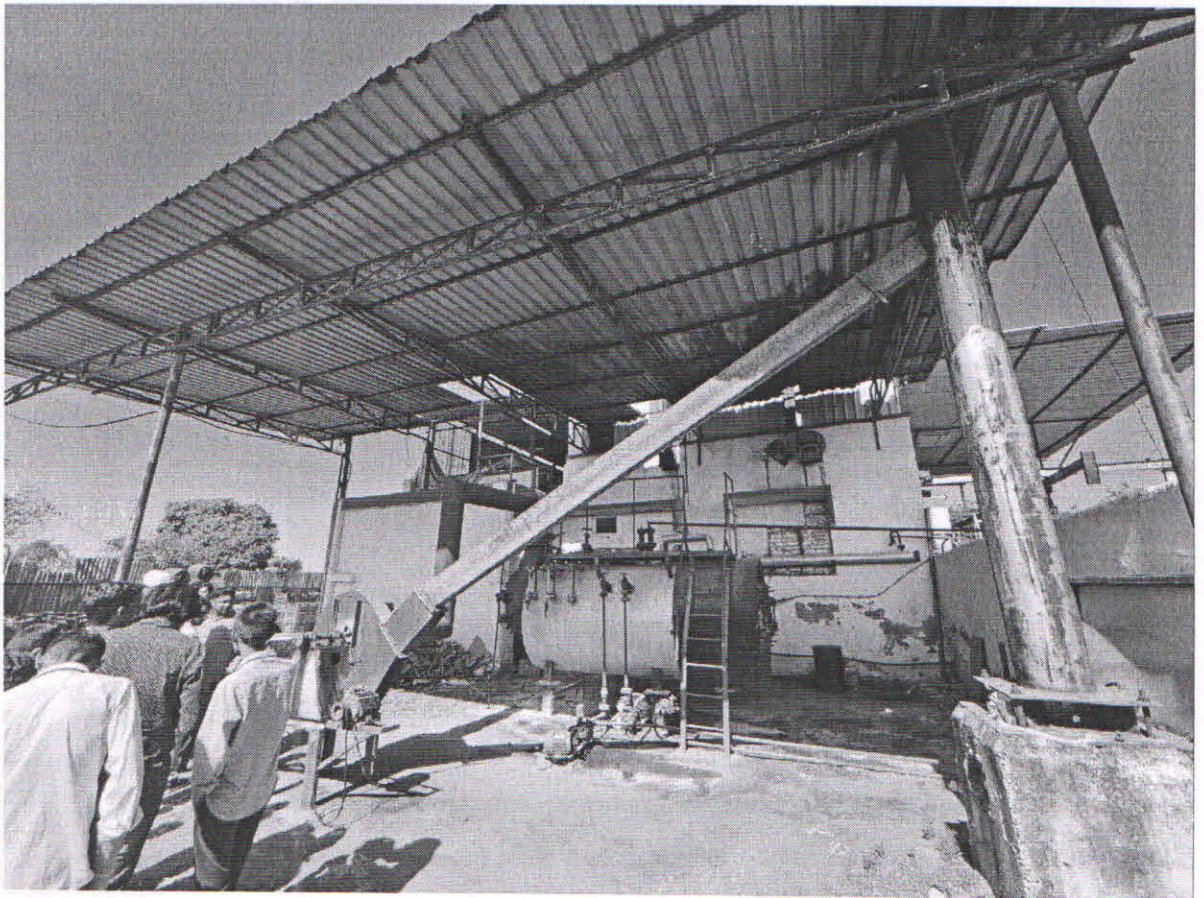


1. Boiler outside the plant





2. Food processing unit


3.



4. Students observing the boiler closely

  
Dr. S. V. Kasar  
Event Coordinator

  
Prof. Dr. S. G. Ghalme  
HOD, Mechanical

  
Prof. Dr. M. M. Patil  
Principal SITRC