

**K. K. Wagh Institute of Engineering Education & Research, Nasik**

**Department of Electronics & Telecommunication Engineering**

**AY: 2016-17**

**Industrial Visit Report**

<b>Name of Industry Visited:</b>	<b>Sahyadri Farm</b>
<b>Address of Industry Visited:</b>	Gat No. 314, Mohadi Dindori Road, A/P Mohadi, Tal. Dindori, Dist. Nashik 422206
<b>Date of Industrial Visit:</b>	<b>07/10/2016</b>
<b>Target Participants:</b>	BE (Electronics)
<b>Number of Participants:</b>	40 students of BE (Electronics) + 2 staff members
<b>Name of Course for which Industrial Visit Organized:</b>	Electronics in agriculture
<b>Name of Visit Coordinator:</b>	Prof. Nikhil M. Bhujbal and Prof.K.S.Navale
<b>Name of Instructor:</b>	Mr. Ravindra More (Quality Analyst)
<b>Outcome of Industrial Visit:</b>	Students will be able to describe food processing techniques and requirement of automation in agricultural food processing.

**About Visited Industry:**

This industry is 100% farmer owned, professionally managed company based in Nasik.

India's leading exporters and the largest grower-exporter consortium of Grapes to Europe, Middle East, CIS & Asia grown by our 1000+ committed farmer members. They are BRC, FSSAI compliant with Global GAP certified farms. They are good certified good agricultural practices right from sowing to harvest of all fruits & vegetables. They handle more than 300MT/day of fresh produce & process over 250MT/day farm produce. Having 8 ripening chambers meeting international standards to ensure carbide free supplies of Mango, Banana & Papya.

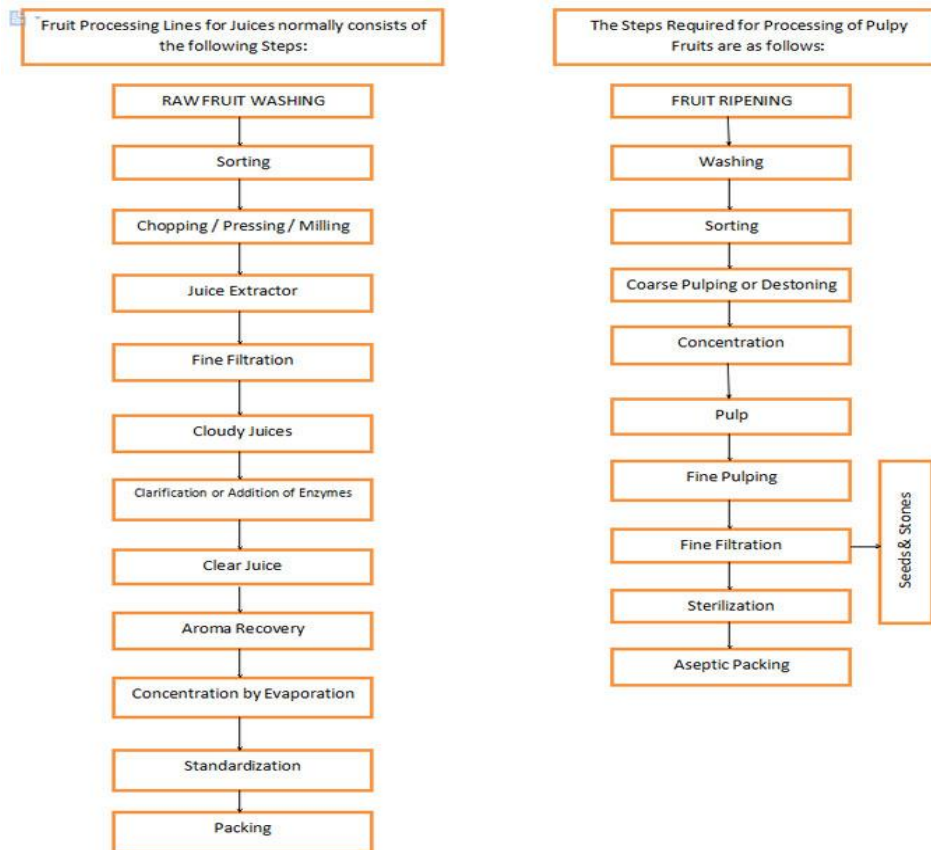
Sahyadri is multi-fruit processing plant i.e. Grapes, mango, tomato etc.

The most important steps involved in processing of juices is as follows,

- Selection and preparation of fruits.
- Extraction of juices.
- Straining, filtration and clarification.
- Blending pasteurization.
- Filling, sealing and sterilization.
- Cooling, labeling & packing.

For juice concentration, vacuum evaporation is another step in fruit processing line. The final concentrate can be filled in aseptic bags in drums for export purposes.

## Fruit processing line



## Photos of Industrial Visit:





**Prof. Nikhil M. Bhujbal & Prof.K.S.Navale**  
**Industrial Visit Coordinator**