

Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil College of Engineering, Satara

Faculty

Dr. Anand Tapase

Prof. Digvijay Kadam

Prof. Dayanand Ghatge

Students

Sourabh Pujari (TY Mechanical Engineering Department)

Prajwal Kumbhar (TY Civil Engineering Department)

Contact Details:

Dr. Anand Tapase

Nodal Coordinator, Unnat Maharashtra Abhiyan (UMA), IITB CTARA

Mobile No.: 9763305600

E-mail Id: anand.tapase@kbpcoes.edu.in

IDENTIFICATION OF A MSME (MICRO, SMALL and MEDIUM ENTERPRISES)

MSME: Shuddha Milk and Milk Products



Aligned with:- Agriculture allied Milk and milk products MSME.

- 1) Paneer
- 2) Shrikhand
- 3) Amrakhand

Address:-Plot no 10 18/K Near Molacha Odha, Kondave Village, Satara
Maharashtra 415002

(Kondave Village is a rural area situated near Satara city at around 5Km distance from the institute of Karmaveer Bhaurao Patil College of Engineering, Satara.)

THE TIMELINES OF THE ENTERPRISE.

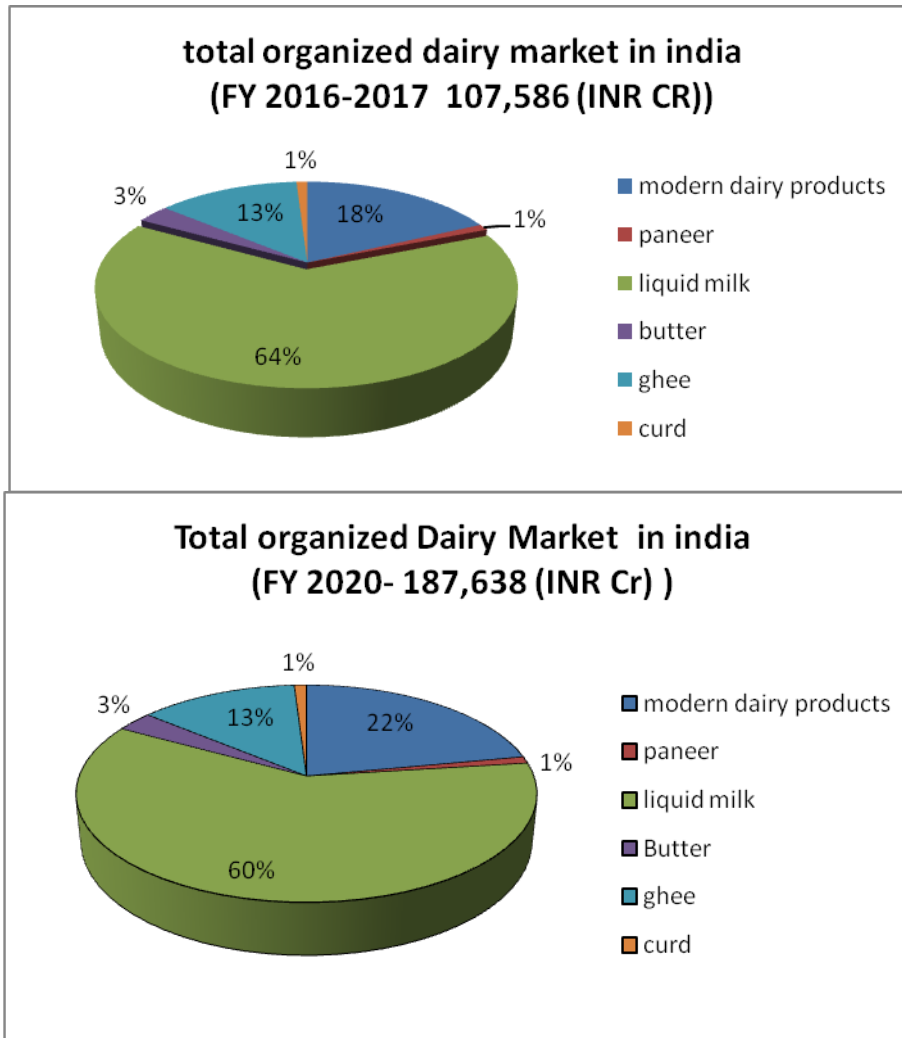
year	Number of employees	Production or Activity	Consumption of buffalo milk per day (raw material)	market
2014	1	Milk collection and selling	100 liters/day	
2015	2	Paneer	100 liters/day	hotels
2016	2	Packed paneer(<i>pouch</i>)	100 liters/day	Retail shops and hotels
2017	4	Shrikhand, Amrakhand, Paneer(<i>pouch</i>)	200 liters/day	Retail shops (Pune, Karad ,Satara)
2018	7	Shrikhand, Amrakhand, Paneer(<i>cups</i>) <i>weight:-100 g , 200g</i>	200 liters/day	Retail shops (Pune, Karad ,Satara)

In 2019 the enterprise established its **3 new shops** in the premises of Satara to sell their products and **the total consumption of the buffalo milk was 200 liters/day.**

In 2020the enterprise is looking forward to expand their business in **Mumbai** with a **total consumption of about 400 Liters/day.**

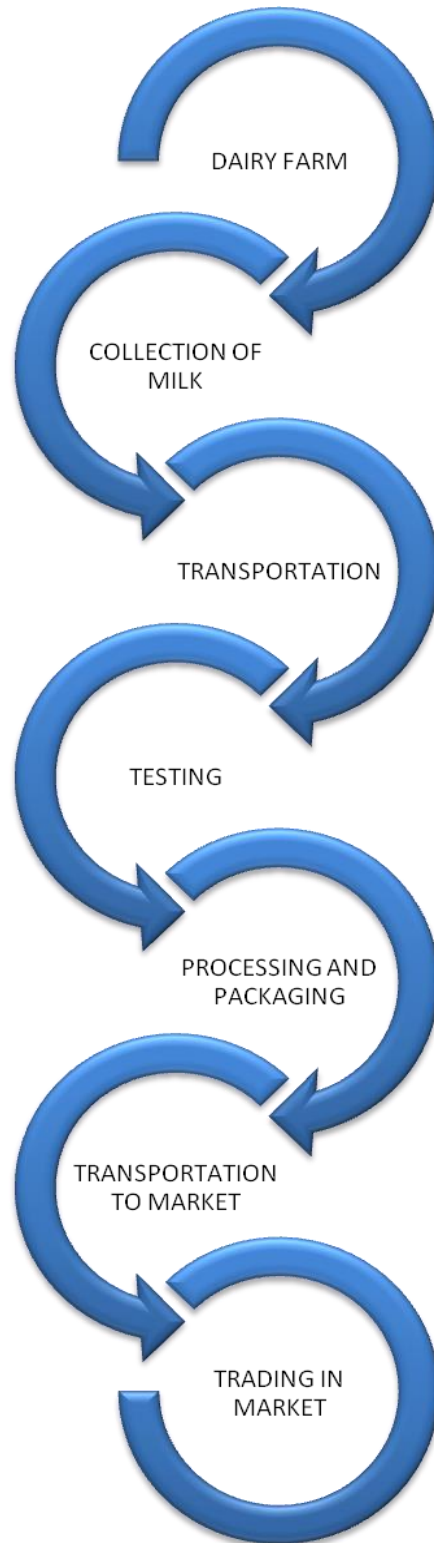
The current annual turnover of the enterprise is about **1 crore INR.**

SECTOR INFORMATION



- 1) As of 2018, India is the leading milk producing country in the world, accounting for 19% of the global market share. The milk processing industry in India is expected to expand at a compound annual growth rate (CAGR) of ~14.8% between FY 2018 and FY 2023, and will reach INR 2,458.7 Bn in FY 2023.
- 2) The global paneer market grew at a CAGR of around 6.1% during 2011-2018 reaching a volume of 1.76 Million Tons in 2018

SUPPLY CHAIN OF THIS MSME



Equipments and Unit Operations

Major equipments

- 1) Khowa machine .
 - a. *(Used for boiling of milk.)*
- 2) Weighing scale.
- 3) Shrikhand machine.
 - a. (To make shrikhand)
- 4) Bulk milk cooler.

Design and operations

Design

Capacity	1000 liters/day
Land requirement	2000 sq feet

Operating

Operating hours	9 hrs / day
Operating season	12 months
Operating people	10 employees
Operating process	Batch process

PROCESS FLOW DIAGRAM PANEER MAKING

