



!! सिद्धिनेकान्तात् !!

Anekant Education Society's



Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

- Affiliated to Savitribai Phule Pune University, Pune (M.S.) India •
 - Empowered Autonomous •
 - Religious Minority Institution •
- NAAC REACCREDITED 'A+' Grade (CGPA 3.55) •
- Website : www.tccollege.org •

Department of Dairy Technology



Baramati, Maharashtra, India

GPS Map Camera



बारामती, महाराष्ट्र, भारत
5H6J+3F7, विवेकानंद नगर, बारामती, महाराष्ट्र 413102, भारत

GPS Map Camera



Departmental Profile

In the Academic year 2018-2019, college started vocational degree programme entitled B. Voc. Dairy Technology, affiliated to Savitribai Phule Pune University, Pune and sponsored by UGC, New Delhi under National Skill Qualification Framework.

Vision

To develop globally competent Dairy Technology professionals for sustainable growth of the dairy industry's humanity.

Mission

- To build a strong foundation and techniques for problem-solving and inculcate communication skills as an integral component of Dairy Technology
- Develop competency skills in the faculty members and students to serve the societal challenges and needs in lieu of its multidisciplinary applications in the field of Dairy Technology
- Encourage development of strong technical skills and knowledge and to encourage students to undergo research in the field of Dairy Technology
- Nurture students to become ethical and committed lifelong Dairy Technology professionals.
- Empower students with strong decision-making skills and technical competency to accomplish start-up ideas in the field of Dairy Technology.

Key Features

The department has well – established and developed analytical and processing laboratories where students get hands – on training on practical aspects of the field. The availability and access to the highly qualified staff enables students to clarify the doubts without hesitation.

Programme and Courses Offered

Undergraduate

Sr. No.	Name of the Programme	Date of Establishment	Duration
1.	B. Voc. Dairy Technology	15 th July, 2018	3/4 years

Skill Development Courses

- DRT - 103 - MJM Chemical Analysis of Milk and Milk Products
- DRT - 117 - OE Diet Planning
- DRT - 121 - VSC Waste management and Effluent treatment
- DRT - 126 - SEC Soft skill development
- ENG - 131 - AEC Functional English-I
- DRT - 153 - MJM Microbial Analysis of Milk and Milk Products
- DRT - 167 - OE Detection of Food Adulteration
- DRT - 171 - VSC Water Analysis
- DRT - 176 - SEC Computer skills
- ENG - 181 - AEC Functional English-II
- BDT - 403 Food Safety Hygiene and Sanitation
- BDT – 5.3 Project
- BDT – 603 Entrepreneurship Development
- BDT – 6.3 In-plant Training

Facilities Laboratories

- Dairy Chemistry Laboratory
- Dairy Product Development Laboratory
- Sensory Evaluation Laboratory
- Packaging Laboratory
- Dairy Microbiology Laboratory
- Dairy Processing Pilot plant

Research

Research projects sanctioned to faculty: Some departmental students research project are as follows

Sr. No.	Name of Teacher	Title of Project	Funding Agency	Duration	Sanctioned Year	Status
1.	Dr. W.A. Khan	Study of Preparation of Lemon Lassi	TC College	6 months	2024-25	Completed
2	Dr. W.A. Khan	Study of Preparation of Mango Flavour Lassi	TC College	6 months	2024-25	Completed
3	Prof. S.S. Ganbote	Study of Preparation of Chennapoda	TC College	6 months	2024-25	Completed
4	Prof. S.S. Ganbote	Study of Preparation of Rose Flavour Kaju Katli	TC College	6 months	2024-25	Completed
5	Prof. P.R. Patil	Study of Preparation of Mango Flavour Rasgulla	TC College	6 months	2024-25	Completed
6	Prof. S. S. Patwardhan	To Study of Preparation of Kharvas	TC College	6 months	2023-24	Completed
7	Prof. Patwardhan S. S.	A Study on Preparation of Custard Apple Basundi	TC College	6 months	2023-24	Completed
8	Prof. Patwardhan S. S.	Study on Rose Flavoured Kaju Katli	TC College	6 months	2023-24	Completed
9	Prof. Patwardhan S. S.	Study on Formulation of Choco Honey Shrikhand	TC College	6 months	2023-24	Completed
10	Prof. Patwardhan S. S.	Study on Preparation of Green Tea Flavoured smoothie	TC College	6 months	2022-23	Completed
11	Prof. Patwardhan S. S.	Study on Incorporation of Whey Protein in Ice-Cream	TC College	6 months	2022-23	Completed
12	Prof. Patwardhan S. S.	Study on Manufacture and Shelf Life Analysis of Paneer made by Soya Milk and Cow Milk	TC College	6 months	2022-23	Completed

Book Publication

Sr. No.	Name of Teacher	Title of Book	Name and Place Publisher	Year
1.	Dr. Wazid Ali Khan	1. Food Science and Technology -Text Book (English) 2. Food Science and Technology- Text Book (Marathi) 3. Food Science and Technology - Text Book (English) 4. Food Science and Technology- Text Book (Marathi)	Published a XI and XII standard Food Science & Technology book for Maharashtra State Board of Higher Secondary Education, Pune	2019 to 2020

Activities/List

- National Nutrition week/day-06 to 07th September, 2022
- National Nutrition Week/day 05th to 7th September, 2023
- One day state level seminar, “Scope and opportunities for food and dairy processing sector in government organization and regulatory agencies” on 17th September, 2022
- Two days FoSTaC training, 20 to 21st January, 2023
- One day FoSTaC training, 30th December, 2023
- IQAC youth festival, Khaugalli, 23rd to 25th January, 2023
- National Science Day, 28th February, 2024

Collaborations and MoUs

- Real Dairy, Baramati
- National Agriculture and Food Analysis and Research Institute, (NAFARI), Pune.

Students Achievements

So far, four batches with around total of 150 students have successfully completed the degree programme. Some of the passed out students have opted for post graduate courses such as M. Voc., MBA etc. As well as plenty of students have managed to secure fine positions in various Dairies and allied industries. Some of the prominent alumni are working with renowned industries such as Britannia, Chitale, Govind, Sonai, Nature Delight, Real Dairy etc. Two students from the department had opted for an internship programme in Denmark where they have received a work permit and will continue to work there.

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| a) Schriber Dynamix Dairy, Baramati
- Mr. Shinde Vaibhav | f) Heritage Foods Ltd - Mr. Nikam Vishwajeet |
| b) Real Dairy - Mr. Phule Akshay | g) Tasty Bites - Mr. Kochikar Vinay |
| c) Govind Dairy - Mr. Kokare Shubham,
- Mr. Dhadge Sourabh | h) Entrepreneurs - Mr. Chavan Shubham –
Shubham Milk & Milk Products
– Mr. Navale Sameer – Sweet Delight |
| d) Prabhat Dairy - Mr. Jagtap Kunal | - Mr. Kasurde Yash – Hotel & Tourism,
Panchgani |
| e) Sonai Dairy - Mr. Thorat Shubham, - Mr. Pawar Nitin | |

Dr. Wazid Ali Khan, a faculty member, received lifetime membership of AFSTI, Mysore, and was recognized as a master Trainer in Dairy Technology and Spice and Plantation Crops by MoFPI, New Delhi.

Best Practices

The department of Dairy Technology celebrates various commemorative days such as National Milk Day which falls on 26th November along with celebration of National Nutrition Week, Food Day, Science day etc. such practices aid in increasing the awareness in students regarding various aspects of the field as well as the issues of the society addressed under variety of themes.

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| i) FoSTac Training | ii) National Nutrition Week |
| iii) National Science Day | iv) Industrial Visit for Each Semester |

CONTACT US

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