

# DAIRY TECHNOLOGIST

A Dairy Technologist is a professional who is responsible for handling and management of milk, starting from production and processing right down to consumption. It includes processing, storage, packaging, transport and physical distribution. They design new, improved methods using the principles of bacteriology, chemistry, physics, engineering and economics to produce milk and milk products.

## PERSONAL COMPETENCIES

- You have interest in plants and animals
- You like to analyze things (problems/situations).
- You pay attention to details
- You like to work in a team



## SCHOLARSHIPS

- Merit-cum-Means based Scholarship - About 20,000 such engineering scholarships are awarded by the Ministry of Minority Affairs every year. The full course fees of awardees is directly paid to their institutions under this scheme. \*
  - Indian Oil Educational Scholarship- The IOC Ltd offers 300 scholarships every year to eligible students. Students need to be enrolled in an undergraduate course. The scholarship particularly focuses on students with physical disabilities, women and students from North East and J&K.\*
  - Visit [www.scholarships.gov.in](http://www.scholarships.gov.in) the National Scholarship Portal. Under this portal there are central government schemes offered by different departments, UGC/AICTE Schemes and State Schemes.\*
  - Visit [www.buddy4study.com](http://www.buddy4study.com) a gateway to scholarships starting from Class XI.\*
  - Scholarships are made available by institutes themselves based on merit.\*
- \*(Availability of these scholarships vary from time to time)

## LOANS

- VidyaLakshmi, [www.vidyalakshmi.co.in](http://www.vidyalakshmi.co.in), is a portal for students seeking education loan. This portal has been developed under the guidance of the Department of Financial Services, (Ministry of Finance), Department of Higher Education (Ministry of Human Resource Development) and Indian Banks Association (IBA). Students can view, apply and track the education loan applications on the website.
- Some states have student credit cards with low interest rates, for instance, West Bengal, Odisha, Bihar, etc.
- All banks give education loans.



The approx. course fee ranges between **INR 20,000 - 2,50,000\***

\*(The above mentioned figures are approximate numbers. This will vary from Institute to Institute)

## ENTRY PATHWAY

1. Complete 10+2 in Science stream ( Physics, Chemistry and Mathematics)
2. Complete Bachelor's (B.Tech/B.Sc) in Dairy Technology or Food Technology

**OR**

Pursue a Diploma or certification course in Dairy Technology

For admissions, you must qualify JEE Mains and JEE Advanced or the entrance examination conducted by respective state governments such as WBJEE or AP EAMCET

*Please check the duration of the course during enrolment*



## EXPECTED INCOME

*\*The figures are indicative & subject to change*

The approx. salary of a Dairy Technologist - fresher ranges from **INR 15,000 - 25,000\*** per month.

The approx. salary of a Dairy Technologist with some experience ranges between **INR 40,000 - 60,000\*** per month.

Source:[https://www.ambitionbox.com/profile/-dairy-technologist-salary Sound\\_Engineer/Salary?loggedIn](https://www.ambitionbox.com/profile/-dairy-technologist-salary-Sound_Engineer/Salary?loggedIn)





## WHERE WILL YOU WORK

**Places of Work:** Dairy farms, Dairy co-operatives, Rural banks, Milk product processing and manufacturing industries, Quality control departments, Colleges and universities

**Work Environment:** You will typically work in an office setting or laboratory. You are expected to work minimum 8 hours per day or more when needed. You will have to work in a team.

*Opportunities for differently abled exist in this field*

## EXPECTED GROWTH PATH

Dairy Technologist → Shift Officers → General Manager → Head of Dairy Unit

Search keywords...



*dairy technologist, dairy researcher*

## WHERE WILL YOU STUDY?

**This course is offered by the Department of Dairy or Food Technology.**

*This list of institutes is indicative only*

### GOVERNMENT INSTITUTES

1. Anand Agricultural University, Anand
2. Bihar Animal Sciences University, Patna
3. Chandra Shekhar Azad University of Agriculture and Technology, Kanpur
4. West Bengal University of Animal and Fishery Sciences, Kolkata
5. College of Dairy and Food Science Technology, Udaipur
6. National Dairy Research Institute, Karnal
7. College of Dairy Technology, Udgir
8. College of Dairy Technology, Tirupati

### PRIVATE INSTITUTES

*(Please check if institute is affiliated and accredited with UGC and AICTE before applying)*

1. NIMS University, Jaipur
2. Sheth MC College of Dairy Science, Anand
3. Parul Institute of Technology, Vadodara (Diploma)
4. MVN University, Palwal
5. Mansinhbhai Institute of Dairy and Food Technology, Mehsana
6. Centurion University of Technology and Management, Odisha
7. A.D Patel Institute of Technology, Anand
8. Pacific Institute of Dairy and Food Technology, Udaipur

Information on the institute rankings can be found at - [www.nirfindia.org/2022/Ranking.html](http://www.nirfindia.org/2022/Ranking.html)

### ONLINE COURSES

•NPTEL\*Swayam : [https://onlinecourses.nptel.ac.in/noc19\\_ag05/preview](https://onlinecourses.nptel.ac.in/noc19_ag05/preview)

*NPTEL - National Programme in Technology Enhanced Learning. It is by the Government of India and offers a variety of courses in an audio - video form.*

