

(Bachelor of Vocation) – Dairy Technology (3 Years / 6 Semesters)

Dairy Technology is a skill-based undergraduate program focused on milk production, dairy processing, quality control, dairy engineering, and dairy business management. The curriculum typically combines theory, practical training, and industry internships.

Semester I

Subject Code	Subject Name	Credits
DT101	Introduction to Dairy Technology	4
DT102	Introduction to Dairy Farming	4
DT103	General Microbiology	4
DT104	Fundamentals of Biochemistry	4
DT105	ICT Applications in Dairy Industry	3
DT106P	Dairy Technology Practical-I	4

Semester II

Subject Code	Subject Name	Credits
DT201	Chemistry of Milk	4
DT202	Dairy Microbiology	4
DT203	Milk Production Management	4
DT204	Dairy Equipment & Maintenance	4
DT205	Environmental Studies	3
DT206P	Dairy Practical-II	4

Semester III

Subject Code	Subject Name	Credits
DT301	Market Milk Technology	4
DT302	Traditional Dairy Products	4
DT303	Dairy Engineering	4
DT304	Refrigeration & Cold Chain Management	4
DT305	Dairy Plant Operations	3
DT306P	Practical & Skill Lab-III	4

Semester IV

Subject Code	Subject Name	Credits
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Subject Code	Subject Name	Credits
DT401	Cheese Technology	4
DT402	Ice Cream & Frozen Desserts	4
DT403	Fermented Dairy Products	4
DT404	Dairy Process Engineering	4
DT405	Dairy Biotechnology	3
DT406P	Industrial Training-I	4

Semester V

Subject Code	Subject Name	Credits
DT501	Quality Assurance in Dairy Industry	4
DT502	Dairy Plant Design & Layout	4
DT503	Packaging of Dairy Products	4
DT504	Dairy Waste Management	4
DT505	Entrepreneurship Development	3
DT506P	Project Work-I	4

Semester VI

Subject Code	Subject Name	Credits
DT601	Dairy Business Management	4
DT602	Food Safety & Regulations	4
DT603	Dairy Supply Chain Management	4
DT604	Marketing of Dairy Products	4
DT605	Research Methodology	3
DT606P	Major Project & Internship	6