



First Year Teaching Scheme
Admission Year 2026-27

Diploma
Dairy Technology

Faculty of Engineering & Technology

Parul University

Vadodara, Gujarat, India

Semester - 1

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
						T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03604113	Physics	3	3	-	-	20	-	20	60	-	40	-	100
03604114	Physics Lab	1	-	2	-	-	50	-	-	-	-	20	50
03604115	Chemistry	3	3	-	-	20	-	20	60	-	40	-	100
03604116	Chemistry Lab	1	-	2	-	-	50	-	-	-	-	20	50
03604117	Mathematics	3	3	-	-	20	-	20	60	-	40	-	100
03604118	Mathematics Lab	1	-	2	-	-	50	-	-	-	-	20	50
03604119	Introduction to Dairy Industry	2	2	-	-	20	-	20	60	-	40	-	100
03604121	Fundamentals of Microbiology	2	2	-	-	20	-	20	60	-	40	-	100
03604122	Fundamentals of Microbiology Lab	1	-	2	-	-	50	-	-	-	-	20	50
03605101	Environmental Science	0	2	-	-	20	-	20	-	-	16	-	40
03606102	Introduction to IT Systems Lab	2	-	4	-	-	100	-	-	-	-	40	100
03693103	Communication Skills - I	1	1	-	-	-	-	100	-	-	40	-	100
	Total	20	16	12									940

**Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 40 Practical Passing % : 40**

Semester - 2

Code	Subject	Credit	Lect	Lab	Tut	Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
						T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03604169	Physical Chemistry of Milk	2	2	-	-	20	-	20	60	-	40	-	100
03604170	Physical Chemistry of Milk Lab	1	-	2	-	-	50	-	-	-	-	20	50
03604171	Milk Production Management and Dairy Development	2	2	-	-	20	-	20	60	-	40	-	100
03604172	Milk Production Management and Dairy Development Lab	1	-	2	-	-	50	-	-	-	-	20	50
03604173	Engineering Graphics	1	1	-	-	20	-	20	60	-	40	-	100
03604174	Engineering Graphics Lab	2	-	4	-	-	50	-	-	-	-	20	50
03604176	Engineering Workshop Practice Lab	2	-	4	-	-	100	-	-	-	-	40	100
03604177	Fluid Mechanics	2	2	-	-	20	-	20	60	-	40	-	100
03604178	Fluid Mechanics Lab	1	-	2	-	-	50	-	-	-	-	20	50
03604179	Economic Analysis	2	2	-	-	20	-	20	60	-	40	-	100
03604181	Introduction to Dairy Microbiology	2	2	-	-	20	-	20	60	-	40	-	100
03604182	Introduction to Dairy Microbiology Lab	1	-	2	-	-	50	-	-	-	-	20	50
03693153	Communication Skills - II	1	1	-	-	-	-	100	-	-	40	-	100
	Total	20	12	16									1050

Lect - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
 Theory Passing % : 40 Practical Passing % : 40