



Second Year Teaching Scheme

Admission Year 2026-27

B. Tech

Dairy Technology

Faculty of Engineering & Technology

Parul University

Vadodara, Gujarat, India



Semester - 3

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20104212	Thermodynamics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104213	Traditional Indian Dairy Products	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104214	Dairy Engineering	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104215	Refrigeration & Air Conditioning	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104216	Starter Culture and Fermented Dairy Products	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104217	Physical Education, First Aid, Yoga Practices, and Meditation	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20104218	Agriculture Marketing & Trade	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
	Skill Enhancement Course - BTech Dairy Technology (wef 24.11.2024)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total		21	11	16		240	0	220		240	0			600	300	100	50	700

Semester - 3 Skill Enhancement Course - BTech Dairy Technology (wef 24.11.2024)

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20104230	Malpractices in Dairy Industry: Detection & Control	2	0	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20104231	Market Survey on Dairy and Related Aspects	2	0	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 50 Practical Passing % : 50



Semester - 4

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20104261	Cheese Technology	5	3	4	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104262	Fat Rich Dairy Products	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104263	Ice-Cream & Frozen Deserts	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104264	Chemistry of Dairy Products	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104265	Microbiology of Dairy Products	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104266	ICT in Dairy Industry	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20104267	Entrepreneurship Development and Business Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
	Skill Enhancement Course - BTech Dairy Technology (wef 24.11.2024)	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	22	12	16		280	0	140		280	0			700	350			700

Semester - 4 Skill Enhancement Course - BTech Dairy Technology (wef 24.11.2024)

						Internal				External				Total				Total Marks
						Theory		Practical		Theory		Practical		Theory (Internal + External)		Practical (Internal + External)		
Code	Subject	Credit	Lect	Lab	Tut	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	Max	Passing	
20104280	Extrusion Processing in Dairy and Food Industry	2	0	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20104281	NABL Accreditation of Laboratory	2	0	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 50 Practical Passing % : 50