



First Year Teaching Scheme

Admission Year 2026-27

**Bachelor of Technology
Agricultural Engineering**

Faculty of Agriculture

Parul University

Vadodara, Gujarat, India

Semester – 1

						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	
20103165	Deeksharambh*	0	-	-	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20103166	Crop Production and Protection Technologies	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103167	Introduction to Agricultural Engineering	4	3	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103168	Surveying and Levelling	3	1	4	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103169	Workshop Technology and Practice	2	0	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
20103170	Basic Electrical Gadgets and Instruments	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103171	Agricultural Informatics and Artificial Intelligence	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103172	NSS- I/ NCC- I	1	0	2	-	-	0	100	-	-	-	-	-	-	-	100	50	100
	Total	20	11	18		200	0	400	0	200	0			500	250	300	150	800

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

Semester – 2

						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	
20103175	Skill Enhancement	8	-	16	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20103176	Engineering Drawing	2	-	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20103177	Computer Programming and Data Structures	2	-	4	-	-	0	100	0	-	-	-	-	-	-	100	50	100
20103178	Farming Based Livelihood Systems	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103179	Environmental Studies and Disaster Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103180	Communication Skills	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103181	NSS-II/ NCC- II	1	-	2	-	-	0	100	0	-	-	-	-	-	-	100	50	100
	Total	21	5	32		120	0	460	0	120	0			300	150	400	200	700

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