



Second Year Teaching Scheme

Admission Year 2026-27

**Bachelor of Technology
Agricultural Engineering**

Faculty of Agriculture

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	
20103265	Engineering Mathematics- I	3	3	-	-	50	0	-	-	50	0	-	-	100	50	-	-	100
20103266	Engineering Physics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103267	Engineering Chemistry	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103268	Engineering Mechanics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103269	Soil Mechanics	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103270	Fluid Mechanics and Open Channel Hydraulics	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103271	Engineering Properties of Agricultural Produce and Food Science	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103272	Farm Machinery & Equipment- I	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103273	Physical Education, First Aid, Yoga Practice and meditation	2	-	4	-	-	0	100	-	-	-	-	-	-	-	100	50	100
Total		25	16	18		330	0	240		330	0			800	400	100	50	900

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	
20103275	Engineering Mathematics-II	3	3	-	-	50	0	-	-	50	0	-	-	100	50	-	-	100
20103276	Theory of Structures	2	1	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103277	Building Construction & Cost Estimation	2	2	-	-	50	0	-	-	50	0	-	-	100	50	-	-	100
20103278	Watershed Hydrology	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103279	Soil and Water Conservation Engineering	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103280	Farm Machinery & Equipment II	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103281	Renewable Energy Sources	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103282	Post-harvest Engineering of Cereals, Pulses and Oilseeds	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
20103283	Entrepreneurship Development and Business Management	3	2	2	-	40	0	20	-	40	0	-	-	100	50	-	-	100
Total		25	18	14		380	0	140		380	0			900	450			900

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