



First Year Teaching Scheme

Admission Year 2026-27

**Diploma
Agricultural Engineering**

Faculty of Engineering and Technology

Parul University

Vadodara, Gujarat, India

Semester – 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601121	Applied Mathematics	3	3	0	-	20	-	20	60	-	40	-	100
03601123	Applied Physics	2	2	-	-	20	-	20	60	-	40	-	100
03601124	Applied Physics Lab	1	-	2	-	-	50	-	-	-	-	20	50
03601125	Soil Science & Agriculture for Engineers	3	3	-	-	20	-	20	60	-	40	-	100
03601126	Soil Science & Agriculture for Engineers Lab	1	-	2	-	-	50	-	-	-	-	20	50
03605101	Environmental Science	0	2	-	-	20	-	20	-	-	16	-	40
03607151	Fundamentals of Electrical and Electronics Engineering	3	2	-	1	20	-	20	60	-	40	-	100
03607152	Fundamentals of Electrical and Electronics Engineering Lab	1	-	2	-	-	50	-	-	-	-	20	50
03609101	Engineering Graphics	1	1	-	-	20	-	20	60	-	40	-	100
03609102	Engineering Graphics Lab	2	-	4	-	-	100	-	-	-	-	40	100
03693103	Communication Skills - I	1	1	-	-	-	-	100	-	-	40	-	100
	Total	18	14	10	1								890

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

Semester – 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
03601171	Engineering Mathematics-I	3	2	-	1	20	-	20	60	-	40	-	100
03601173	Surveying and Levelling	2	2	-	-	20	-	20	60	-	40	-	100
03601174	Surveying and Levelling Lab	1	-	2	-	-	50	-	-	-	-	20	50
03601175	Engineering Physics	3	3	-	-	20	-	20	60	-	40	-	100
03601176	Engineering Physics Lab	1	-	2	-	-	50	-	-	-	-	20	50
03601177	Engineering Chemistry	3	3	-	-	20	-	20	60	-	40	-	100
03601178	Engineering Chemistry Lab	1	-	2	-	-	50	-	-	-	-	20	50
03605151	Engineering Mechanics	3	3	-	-	20	-	20	60	-	40	-	100
03605152	Engineering Mechanics Lab	1	-	2	-	-	50	-	-	-	-	20	50
03609154	Engineering Workshop Practice	2	-	4	-	-	100	-	-	-	-	40	100
03693153	Communication Skills - II	1	1	-	-	-	-	100	-	-	40	-	100
	Total	21	14	12	1								900

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