



First Year Teaching Scheme

Admission Year 2026-27

**Industry Embedded Bachelor of Technology
Aerospace Engineering
In Association with NDC**

Faculty of Engineering & 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.	
303158102	Engineering Drawing	2	-	4	-	-	40	-	-	60	-	50	100
303158104	Electrical Fundamentals - I	3	-	6	-	-	40	-	-	60	-	50	100
303158106	Maintenance Practices - I	3	-	6	-	-	40	-	-	60	-	50	100
303158108	Project - I	2	-	4	-	-	40	-	-	60	-	50	100
303191101	Mathematics-I	4	4	-	-	20	-	20	60	-	40	-	100
303192101	Engineering Physics-I	4	3	2	-	20	20	20	60	30	40	25	150
303193103	Communication Skills	2	-	-	2	-	-	100	-	-	40	-	100
	Total	20	7	22	2								750

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
 Theory Passing % : 40 Practical Passing % : 50

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.	
303104155	Mechanics of Solids	4	3	2	0	20	20	20	60	30	40	25	150
303106101	Basic Electrical Engineering	4	3	2	0	20	20	20	60	30	40	25	150
303109102	Elements of Mechanical Engineering	4	3	2	0	20	20	20	60	30	40	25	150
303158152	Engineering Workshop	1	-	2	-	-	20	-	-	30	-	25	50
303158154	Electrical Fundamentals - II	2	-	4	-	-	40	-	-	60	-	50	100
303158156	Maintenance Practices-II, Materials and Process - I	3	-	6	-	-	40	-	-	60	-	50	100
303158158	Project - II	2	-	4	-	-	40	-	-	60	-	50	100
303191151	Mathematics-II	4	4	-	-	20	-	20	60	-	40	-	100
	Total	24	13	22	0								900

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical
Theory Passing % : 40 Practical Passing % : 50