



Second Year (Lateral Entry) Teaching Scheme

Admission year 2026-27

**Bachelor of Technology (Lateral Entry)
Aerospace Engineering**

Faculty of Engineering & Technology

Parul University

Vadodara, Gujarat, India

Semester 3

					Teaching Scheme			Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
					(Hours / Week)										
NCrF Credit Level	Subject Code	Subject Name	Credit	Lect	Lab	Tut	T	P	CE	T	P	Int.+Ext.	Int.+Ext.		
5	03010103PC01	Fundamentals of Fluid Mechanics	3	3	-	-	20	-	20	60	-	40	-	100	
	03010103PC02	Fundamentals of Fluid Mechanics Laboratory	1	-	2	-	-	20	0	-	30	-	25	50	
	03010103PC03	Mechanics of Solid	4	3	-	1	20	-	20	60	-	40	-	100	
	03019603PC05	Avionics	3	3	-	-	20	-	20	60	-	40	-	100	
	03019603PC07	Aerospace Materials and Manufacturing Processes	3	3	-	-	20	-	20	60	-	40	-	100	
	03019603PC08	Aerospace Materials and Manufacturing Processes Laboratory	1	-	2	-	-	20	0	-	30	-	25	50	
	03019103BS02	Probability and Statistics	3	3	0	0	20	-	20	60	-	40	-	100	
	03010103ES02	Surface and Solid Modelling Lab	2	0	4	0	-	20	-	-	30	-	25	50	
	03010003HM01	Functional Communication Skills	2	-	2	-	-	20	0	-	30			50	
	17013003MC01	Indian Constitution	-	1	-	-	-	-	50	-	-	20	-	50	
		Total credits	22	16	10									750	
		Minor / Honor	4	3	2	0									

Lect - Lecture, Tut - Tutorial, Lab - Lab, T - Theory, P - Practical, CE - CE, T - Theory, P - Practical

Theory Passing % : 40 Practical Passing % : 50

