



**First Year Teaching Scheme**

**Admission Year 2026-27**

**Industry Embedded Bachelor of Technology  
Aeronautical 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
	<b>Total</b>	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