



**First Year Teaching Scheme**

**Admission Year 2026-27**

**Diploma in Information Technology**

**Faculty of Engineering & Technology**

**Parul University**

**Vadodara, Gujarat, India**

**Semester – 1**

					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.		
4.5	03061601P C01	Python Programming	5	3	4	0	20	100	20	60	-	40	40	200	
	03069101B S01	Mathematics - I	4	3	0	1	20	-	20	60	-	40	-	100	
	03069202B S01	Basic Physics	4	3	2	0	20	50	20	60	-	40	20	150	
	03062001E S01	Fundamentals of Computer Applications and Web Technologies	4	2	4	0	20	100	20	60	-	40	40	200	
	03060001H M01	Fundamentals of Communication Skills	1	0	2	0	-	20	-	-	30	-	20	50	
	03061701U E01	Energy Conservation	3	3	0	0	20	-	20	60	-	40	-	100	
	03061501M C01	Environmental Science	0	1	0	0	20	-	20	-	-	16	-	40	
		<b>Total credits</b>	<b>21</b>												

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

Theory Passing % : 40 Practical Passing % : 50

**Semester – 2**

				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.	
4.5	03061602P C01	Problem Solving using C	5	3	4	0	20	100	20	60	-	40	40	200
	03069102B S01	Mathematics - II	4	3	0	1	20	-	20	60	-	40	-	100
	03062002E S01	Basics of Web Programming using PHP	5	3	4	0	20	100	20	60	-	40	40	200
	03061801E S01	Basic Electronics	4	3	2	0	20	50	20	60	-	40	20	150
	03060002H M01	Verbal Ability	2	1	2	0	40	20	-	60	30	40	20	150
	03061802U E01	E Waste Management	3	3	0	0	20	-	20	60	-	40	-	100
	03060002M C01	Universal Human Values	0	1	0	0	20	-	20	-	-	16	-	40
	<b>Total credits</b>			<b>23</b>										

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

Theory Passing % : 40 Practical Passing % : 50