



Second Year Year Teaching Scheme

Lateral Entry

Admission Year 2026-27

**Bachelor of Technology
Petroleum Engineering**

Faculty of Engineering & Technology

Parul University

Vadodara, Gujarat, India

Semester – 3

NCrF Credit Level	Subject Code	Subject Name	Credit	Teaching Scheme			Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
				(Hours / Week)	Lect	Lab	Tut	T	P	CE	T	P	Int.+Ext.	
5	03011703PC01	Drilling Engineering-I	3	2	-	1	20	-	20	60	-	40	-	100
	03011703PC02	Drilling Engineering-I Laboratory	1	-	2			20			30		25	50
	03011703PC03	Petroleum Exploration	2	2	-	0	20	-	20	60	-	40	-	100
	03011703PC05	Production Engineering-I	3	3	-	-	20	-	20	60	-	40	-	100
	03011703PC06	Production Engineering-I Laboratory	1	-	2		-	20		-	30	-	25	50
	02012003PC07	Thermodynamics of Petroleum Reservoir Fluids	2	2	-	0	20	-	20	60	-	40	-	100
	03019103BS03	Theory of Complex Variable and Partial Differential Equations (CVPDE)	3	3	-	-	20	-	20	60	-	40	-	100
	03010501ES01	Programming for Problem solving	4	3	2	-	20	20	20	60	30	40	25	150
	03010003HM01	Functional Communication Skills	2	1	2	-	-	20	-	-	30	-	25	50
	17013003MC01	Indian Constitution	-	1			-	-	50	-	-			50
			Total credits	21										

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

Theory Passing % : 40 Practical Passing % : 50

	MWD Technology training with Drilling and Geoscience Service													
	Industrial Training													
	Total credits	25												950

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

Theory Passing % : 40 Practical Passing % : 50