



**Second Year (Lateral Entry) Teaching Scheme**

**Admission year 2026-27**

**Bachelor of Technology (Lateral Entry)  
CSE (Cyber Security)**

**Faculty of Engineering & Technology**

**Parul University**

**Vadodara, Gujarat, India**



**Semester - 3 : Basic Science Course (BSC)-IV (2025-26)**

						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.	
03019103B S01	Discrete Mathematics	3	3	-	-	20	-	20	60	-	40	-	100

**Semester - 3 : Engineering Science Course (ESC)-VI (2025-26)**

						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.	
03010703E S03	Computer Organization and Microprocessor Architecture	2	2	-	-	-	-	-	60	-	40	-	100
03010703E S04	Computer Organization and Microprocessor Architecture Lab	1	-	2	-	-	-	-	-	30	-	25	50

**Semester - 3 : Humanities and Social Science, including Management Course (HSMC)-III (2025-26)**

						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.	
03010003H M01	Functional Communication Skills	2	1	2	-	40	20	-	60	30	40	25	150



**Parul**<sup>®</sup>  
**University**

**Subject Teaching & Examination Scheme**

PU\_FET\_BTech\_Computer Science Engineering (Cyber Security)\_NEP\_2025-26

Semester - 3 : Mandatory Course (MNC)-III (2025-26)

						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.	
17013003M C01	Indian Constitution	0	1	-	-	-	-	50	-	-	20	-	50

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





Semester - 4 : (Professional Elective Course-I) (2025-26)

						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.	
	Programming in Python with Full Stack Development	3	3	-	-	20	-	20	60	-	40	-	100
	Advance JAVA Programming	3	3	-	-	20	-	20	60	-	40	-	100
	Artificial Intelligence	3	3	-	-	20	-	20	60	-	40	-	100
	Azure fundamental	3	3	-	-	20	-	20	60	-	40	-	100

Semester - 4 : (Professional Elective Course-I Laboratory) (2025-26)

						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.	
	Programming in Python with Full Stack Development Laboratory	1	-	2	-	-	20	-	-	30	-	25	50
	Advance JAVA Programming Laboratory	1	-	2	-	-	20	-	-	30	-	25	50
	Artificial Intelligence Laboratory	1	-	2	-	-	20	-	-	30	-	25	50
	Azure fundamental Laboratory	1	-	2	-	-	20	-	-	30	-	25	50



Semester - 4 : Multidisciplinary Open Professional Electives Courses (MOPECs-II) (2025-26)

						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.	
	Introduction to Cognitive Psychology	3	3	-	-	20	-	20	60	-	40	-	100
	Human Behavior	3	3	-	-	20	-	20	60	-	40	-	100
	Emotional Intelligence	3	3	-	-	20	-	20	60	-	40	-	100
	Psychiatry: An overview	3	3	-	-	20	-	20	60	-	40	-	100

Semester - 4 : Humanities and Social Science, including Management Courses (HSMC-IV) (2025-26)

						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.	
	Professional Soft Skills - I	1	1	2	-	40	20	-	60	30	40	25	150

Semester - 4 : Mandatory courses (MNC-III) (2025-26)

						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.	
	NNCC/NSS/Sports/Yoga and Positive Psychology for Managing Career and life/The Science of Happiness and wellbeing	0	1	2	-	40	20	-	60	30	40	25	150