

Nirma University
Institute of Technology
Bachelor of Technology in Chemical Engineering
Teaching and Examination Scheme
Semester – III

w.e.f. 2026-27

Sr. No	Course Code	Course Title	Teaching Scheme				Examination Scheme				
							Duration, hrs		Component Weightage		
			L	LPW /PW	T	C	SEE	LPW/ PW	CE	LPW/ PW	SEE
1	2CH201CC26	Heat Transfer Operations	2	2	-	3	3	-	0.25	0.25	0.50
2	2CH202CC26	Solid Fluid Operations	2	2	-	3	3	-	0.25	0.25	0.50
3	2CH203CC26	Fluid Flow Operations	2	2	-	3	3	-	0.25	0.25	0.50
4	2CH801CC26	Mathematics for Chemical Engineering	2	-	1	3	3	-	0.50	-	0.50
5	2HS401CC26	Organisational Behaviour	2	-	1	3	3	-	0.50	-	0.50
6	2CH603CC26	Process Calculation	2	-	1	3	3	-	0.50	-	0.50
7	2FT901CC23	Internship-Community Services*	-	-	-	3	-	-	1	-	-
		Total	12	6	3	21	-	-	-	-	-

* At the end of the second semester, during summer break, the students are required to undergo a Community Internship.

Bachelor of Technology in Chemical Engineering
Semester - IV

w.e.f. 2026-27

Sr. No.	Course Code	Course Title	Teaching Scheme				Examination Scheme				
							Duration, hrs		Component Weightage		
			L	LPW /PW	T	C	SEE	LPW / PW	CE	LPW/ PW	SEE
1	2CH204CC26	Mass Transfer Operations – I	2	2	-	3	3	-	0.25	0.25	0.50
2	2CH401CC26	Chemical Process Industries	2	2	-	3	3	-	0.25	0.25	0.50
3	2CH101CC26	Organic Chemistry	2	2	-	3	3	-	0.25	0.25	0.50
4	2CH602CC26	Chemical Engineering Thermodynamics	2	-	1	3	3	-	0.50	-	0.50
5	2HS302CC26	Economics	2	-	1	3	3	-	0.50	-	0.50
6	1MU803CC25	Indian Constitution and Citizenship	2	-	1	3	3	-	0.50	-	0.50
		Total	12	6	3	18	-	-	-	-	-
Supplementary Course											
7	0FT002VA23	Campus to Corporate – I	1	-	-	-	-	-	1	-	-

L: Lectures, P/T: Practical / Tutorial, C: Credits
 LPW/PW: Laboratory / Project Work

SEE: Semester End Examination,
 CE: Continuous Evaluation

24 FEB 2026

Deputy Registrar (Examination)