

Teaching & Examination Scheme
B.Tech. : Chemical Engineering
2nd Year - III Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exam Hrs	IA	ETE	Total	
1	BSC	3CH2-01	Advanced Mathematics	3	0	0	3	30	120	150	3
2	HSMC	3CH1-02/ 3CH1-03	Technical Communication/ Managerial Economics & Financial Accounting	2	0	0	2	20	80	100	2
3	ESC	3CH3-04	Chemical Engineering Thermodynamics-I	3	0	0	3	30	120	150	3
4	PCC	3CH4-05	Fluid Mechanics	3	0	0	3	30	120	150	3
5		3CH4-06	chemical Process calculation	3	0	0	3	30	120	150	3
6		3CH4-07	Mechanical operation	3	0	0	3	30	120	150	3
			Sub Total	17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	3CH4-21	Fluid Mechanics Lab	0	0	2		60	40	100	2
8		3CH4-22	Mechanical operation Lab	0	0	2		60	40	100	2
9		3CH4-23	DBMS Lab	0	0	4		60	40	100	2
10	PSIT	3CH7-30	Industrial Training	0	0	1				50	1
11	SODE CA	3CH8-00	Social Outreach, Discipline & Extra Curricular Activities							25	0.5
			Sub- Total	0	0	13		180	120	375	7.5
			TOTAL OF III SEMESTER	17	0	13		350	800	1225	24.5

L: Lecture, T: Tutorial, P: Practical, Cr: Credits

ETE: End Term Exam, IA: Internal Assessment



Syllabus

B. Tech. Chemical Engineering 2nd Year - IV Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4CH2-01	Numerical Methods in Chemical Engineering	3	0	0	3	30	120	150	3
2	HSMC	4CH1-03/ 4CH1-02	Managerial Economics & Financial Accounting /Technical Communications	2	0	0	2	20	80	100	2
3	ESC	① 4CH3-04	Material Science and Technology	3	0	0	3	30	120	150	3
4	PCC	② 4CH4-05	Heat Transfer	3	0	0	3	30	120	150	3
5		③ 4CH4-06	Mass Transfer-I	3	0	0	3	30	120	150	3
6		④ 4CH4-07	Thermodynamics-II	3	0	0	3	30	120	150	3
Sub Total				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	① 4CH4-21	Heat Transfer Lab	0	0	4		60	40	100	2
8		② 4CH4-22	Mass Transfer Lab-I	0	0	4		60	40	100	2
9		③ 4CH4-23	Thermodynamics Lab	0	0	4		60	40	100	2
10	SODE CA	4CR8-00	Social Outreach Discipline & Extra Curricular Activities	0	0	0		0	0	25	0.5
Sub- Total				0	0	12		180	120	325	6.5
TOTAL OF IV SEMEESTER				17	0	12		350	800	1175	23.5

L: Lecture, T: Tutorial, P: Practical, Cr: Credits

ETE: End Term Exam, IA: Internal Assessment