

Scheme of  
UNDERGRADUATE DEGREE COURSE

Chemical Engineering



Rajasthan Technical University, Kota  
Effective from session: 2018 – 2019



**Teaching & Examination Scheme  
B.Tech. : Chemical Engineering  
2<sup>nd</sup> 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	<b>150</b>	<b>3</b>
2	HSMC	4CH1-03/ 4CH1-02	Managerial Economics & Financial Accounting /Technical Communications	2	0	0	2	20	80	<b>100</b>	<b>2</b>
3	ESC	4CH3-04	Material Science and Technology	3	0	0	3	30	120	<b>150</b>	<b>3</b>
4	PCC	4CH4-05	Heat Transfer	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		4CH4-06	Mass Transfer-I	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		4CH4-07	Thermodynamics-II	3	0	0	3	30	120	<b>150</b>	<b>3</b>
<b>Sub Total</b>				<b>17</b>	<b>0</b>	<b>0</b>		<b>170</b>	<b>680</b>	<b>850</b>	<b>17</b>
PRACTICAL & SESSIONAL											
7	PCC	4CH4-21	Heat Transfer Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
8		4CH4-22	Mass Transfer Lab-I	0	0	4		60	40	<b>100</b>	<b>2</b>
9		4CH4-23	Numerical Methods In Chemical Engineering Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
10	SODE CA	4CR8-00	Social Outreach Discipline &Extra Curricular Activities	0	0	0		0	0	<b>25</b>	<b>0.5</b>
<b>Sub- Total</b>				<b>0</b>	<b>0</b>	<b>12</b>		<b>180</b>	<b>120</b>	<b>325</b>	<b>6.5</b>
<b>TOTAL OF IV SEMEESTER</b>				<b>17</b>	<b>0</b>	<b>12</b>		<b>350</b>	<b>800</b>	<b>1175</b>	<b>23.5</b>

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

**ETE:** End Term Exam, **IA:** Internal Assessment

Office of Dean Academic Affairs  
Rajasthan Technical University, Kota