

Scheme of  
UNDERGRADUATE DEGREE COURSE

Petrochemical Engineering



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



**Teaching & Examination Scheme  
B.Tech. : Petrochemical Engineering  
2<sup>nd</sup> Year - III Semester**

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3PC2-01	Advanced Engineering Mathematics- I	3	0	0	3	30	120	<b>150</b>	<b>3</b>
2	HSMC	3PC1-02/ 3PC1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	20	80	<b>100</b>	<b>2</b>
3	ESC	3PC3-04	Thermodynamics	3	0	0	3	30	120	<b>150</b>	<b>3</b>
4	PCC	3PC4-05	Fluid Mechanics	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		3PC4-06	Material and Energy Balance	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		3PC4-07	Particle & Fluid particle Processing	3	0	0	3	30	120	<b>150</b>	<b>3</b>
			<b>Sub Total</b>	17	0	0		170	680	<b>850</b>	<b>17</b>
PRACTICAL & SESSIONAL											
7	PCC	3PC4-21	Fluid Mechanics Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
8		3PC4-22	Particle & Fluid particle Processing Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
9		3PC4-23	DBMS Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
10	PSIT	3PC7-30	Industrial Training	0	0	1				<b>50</b>	<b>1</b>
11	SODE CA	3PC8-00	Social Outreach, Discipline & Extra Curricular Activities							<b>25</b>	<b>0.5</b>
			<b>Sub- Total</b>	0	0	13		180	120	<b>375</b>	<b>7.5</b>
			<b>TOTAL OF III SEMESTER</b>	17	0	13		350	800	<b>1225</b>	<b>24.5</b>

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

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