

## Teaching & Examination Scheme

### II Year-III Semester B.Tech. : Petrochemical Engineering

SN	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	3PC2-01	Advanced Engineering Mathematics- I	3	0	0	<b>30</b>	<b>120</b>	<b>150</b>	<b>3</b>
2	HSMC	3PC1-02/ 3PC1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	<b>20</b>	<b>80</b>	<b>100</b>	<b>2</b>
3	ESC	3PC3-04	Thermodynamics	3	0	0	<b>30</b>	<b>120</b>	<b>150</b>	<b>3</b>
4	PCC	3PC4-05	Fluid Mechanics	3	0	0	<b>30</b>	<b>120</b>	<b>150</b>	<b>3</b>
5		3PC4-06	Material and Energy Balance	3	0	0	<b>30</b>	<b>120</b>	<b>150</b>	<b>3</b>
6		3PC4-07	Particle & Fluid particle Processing	3	0	0	<b>30</b>	<b>120</b>	<b>150</b>	<b>3</b>
7		3PC4-21	Fluid Mechanics Lab	0	0	4	<b>60</b>	<b>40</b>	<b>100</b>	<b>2</b>
8		3PC4-22	Particle & Fluid particle Processing Lab	0	0	4	<b>60</b>	<b>40</b>	<b>100</b>	<b>2</b>
9		3PC4-23	DBMS Lab	0	0	4	<b>60</b>	<b>40</b>	<b>100</b>	<b>2</b>
10		Training Exam	3PC7-30						<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>Total</b>									<b>1225</b>	<b>24.5</b>

**L** = Lecture, **T** = Tutorial, **P** = Practical,  
**IA**=Internal Assessment, **ETE**=End Term Exam,  
**Cr**=Credits

**II Year-IV Semester**  
**B.Tech. : Petrochemical Engineering**

Sr. No.	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	4PC2-01	Introduction to Petrochemicals	3	0	0	30	120	150	3
2	HSMC	4PC1-03/ 4PC1-02	Managerial Economics and Financial Accounting/ Technical Communication	2	0	0	20	80	100	2
3	ESC	4PC3-04	Material Science and Technology	3	0	0	30	120	150	3
4	PCC	4PC4-05	Heat Transfer	3	0	0	30	120	150	3
5		4PC4-06	Mass Transfer-I	3	0	0	30	120	150	3
6		4PC4-07	Applied Thermodynamics	3	0	0	30	120	150	3
7		4PC4-21	Heat Transfer Lab	0	0	4	60	40	100	2
8		4PC4-22	Mass Transfer Lab-I	0	0	4	60	40	100	2
9		4PC4-23	Comprehensive Analysis of Petrochemical Engineering	0	0	4	60	40	100	2
10	SODE CA	4PC8-00	Social Outreach, Discipline & Extra Curricular Activities						25	0.5
				<b>Total</b>					<b>1175</b>	<b>23.5</b>