

M. Tech 1st Semester Chemical Engineering

S.No.	Course Code	Course Title	Category	Type	Credit	L	T	P
1	CHT-601	Transport Phenomena	PC	Theory	3	3	0	0
2	CHT-602	Mathematical Methods in Chemical Engineering	PC	Theory	3	3	0	0
3	CHT-603	Chemical Reactor Analysis	PC	Theory	3	3	0	0
4	CHT-604	Modelling and Simulation	PC	Theory	3	3	0	0
5	CHT-605	Chemical Engineering Thermodynamics	PC	Theory	3	3	0	0
6	CHT-606	Advanced Separation Processes	PC	Theory	3	3	0	0

L=Lecture hours/week P=Practical hours/week T=Tutorial hours/week C=Credits

M. Tech 2nd Semester Chemical Engineering (Elective, Any Six)

S.No.	Course Code	Course Title	Category	Type	Credit	L	T	P
1	CHT-607	Computational Methods in Chemical Engineering	E	Theory	3	3	0	0
2	CHT-608	Advanced Process Control	E	Theory	3	3	0	0
3	CHT-609	Pollution Control System	E	Theory	3	3	0	0
4	CHT-610	Optimization of Chemical Process	E	Theory	3	3	0	0
5	CHT-611	Process Modification for Green Technology and Energy Integration	E	Theory	3	3	0	0
6	CHT-612	Catalyst Theory and Practice	E	Theory	3	3	0	0
7	CHT-613	Petroleum Refining Engineering	E	Theory	3	3	0	0
8	CHT-614	Chemical Process Safety and Management	E	Theory	3	3	0	0
9	CHT-615	Bioprocess Engineering	E	Theory	3	3	0	0
10	CHT-616	Advanced Mass Transfer	E	Theory	3	3	0	0
11	CHT-617	Introduction to Soft Matter	E	Theory	3	3	0	0

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M. Tech 3rd Semester Chemical Engineering

S.No.	Course Code	Course Title	Category	Type	Credit	L	T	P
1	CHS-701	Seminar	PC	-	4	-	-	-
2	CHS-702	Dissertation	PC	-	16	-	-	-

M. Tech 4th Semester Chemical Engineering

S.No.	Course Code	Course Title	Category	Type	Credit	L	T	P
1	CHD-703	Dissertation	PC	Theory	16	-	-	-

L=Lecture hours/week P=Practical hours/week T=Tutorial hours/week C=Credits