

M.Tech Programme							
Semester-I (PG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-811	Statistics & Numerical Methods	3	1	0	4	4
2	CH-811	Transport Phenomena	3	1	0	4	4
3	CH-812	Reaction Engineering	3	1	2	6	5
4	CH-813	Fluid Mechanics	3	1	2	6	5
5	CH-815	Elective-I	3	1	0	4	4
Total			15	5	4	24	22

Semester-II A (PG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CH-821	Mass Transfer	3	1	2	6	5
2	CH-822	Heat Transfer	3	1	0	4	4
3	CH-823	Chemical Engineering Thermodynamics	3	1	0	4	4
4	CH-824	Process Dynamics & Control	3	1	0	4	4
5	CH-825	Elective-II	3	1	0	4	4
6	CH-826	Seminar	0	0	2	2	1
Total			15	5	4	24	22

Semester-II B (PG:Practical Training)							
		Four Weeks Training in reputed Industry/Laboratory in institution of repute such IITs, NITs, CSIR, DRDO, CSIO etc.				160	S/US

Semester-III (PG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CH-911	Process Modeling & Simulation	3	1	0	4	4
2	CH-912	Elective-III	3	1	0	4	4
3	CH-915	Dissertation (part-1)	0	0	16	16	8
Total			6	2	16	24	16

Semester-IV (PG)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CH-925	Dissertation (part-2)	0	0	24	24	12
Total			0	0	24	24	12

LIST OF ELECTIVES							
Sr. No	Subject Code	Subject Name	L	T	P	Cr	
Elective I							
1	CH 815A	Polymer Technology	3	1	0	4	
2	CH 815B	Advances in Paper Technology	3	1	0	4	
3	CH 815C	Environmental Engineering	3	1	0	4	
4	CH 815D	Biodegradable Polymers	3	1	0	4	
Elective II							
1	CH 825A	Advanced Polymer Material Technology	3	1	0	4	
2	CH 825B	Bioresource Technology	3	1	0	4	
3	CH 825C	Polymers in Biomedical Applications	3	1	0	4	
4	CH 825D	Energy Management & Audit	3	1	0	4	
Elective III							
1	CH 912A	Polymer Composites & Blends	3	1	0	4	
2	CH 912B	Alternate Energy Sources	3	1	0	4	
3	CH 912C	Biochemical Engineering	3	1	0	4	
4	CH 912D	Paper Machine Operations	3	1	0	4	