



SANSKRITI UNIVERSITY
MATHURA, UTTAR PRADESH
M.Sc. IC

I SEMESTER						
SI. No.	Course Code	Course Title	L	T	P	C
1	MIC 501	Introduction to Chemical Engineering-I	4	1	0	4
2	MIC 503	General Chemical Technology – I	4	0	0	4
3	MIC 505	Selected Topics in Organic Chemistry	4	0	0	4
4	MIC 507	Introduction to Environmental Pollution	4	0	0	4
5	MIC 551	Practical I	0	0	4	2
6	MIC 553	Practical II	0	0	4	2
7	MIC 555	Communication Skill	0	0	4	2
Total credits						20
II SEMESTER						
SI. No.	Course Code	Course Title	L	T	P	C
1	MIC 502	Introduction to Chemical Engineering-II	4	0	0	4
2	MIC 504	General Chemical Technology-II	4	0	0	4
3	MIC 506	Selected Topics in Inorganic Chemistry	4	0	0	4
4	MIC 508	Instrumental Methods of Analysis	4	0	0	4
5	MLL 502	Life Learning Skill	2	0	0	2
6	MIC 552	Practical III	0	0	4	2
7	MIC 554	Practical I V	0	0	4	2
Total credits						22
III SEMESTER						
SI. No.	Course Code	Course Title	L	T	P	C
1	MIC 601	Organic Chemical Industries-I	4	0	0	4
2	MIC 603	Inorganic Chemical Industries-I	4	0	0	4
3	MIC 605	Methods of Analysis in Industries	4	0	0	4
4		ELECTIVE-1	4	0	0	4
5		ELECTIVE-2	4	0	0	4
6	MIC 651	Practical V	0	0	4	2
7	MIC 653	Practical VI	0	0	4	2
Total credits						20

IV SEMESTER						
Sl. No.	Course Code	Course Title	L	T	P	C
1	MIC 602	Organic Chemical Industries-II	4	0	0	4
2	MIC 604	Inorganic Chemical Industries-II	4	0	0	4
3		ELECTIVE-3	4	0	0	4
4		ELECTIVE-4	4	0	0	4
5	MIC 600	Desertation	0	0	16	8
Total credits						20
ELECTIVE-1 &2						
Sl. No.	Course Code	Course Title	L	T	P	C
1	MIC 607	Chemistry of Natural Product	4	0	0	4
2	MIC 609	Advanced Analytical Techniques in Industry	4	0	0	4
3	MIC 611	Chemical Analysis in Agro, Food and Pharmaceutical Industry	4	0	0	4
ELECTIVE-3 &4						
4	MIC 606	Soil and Radiochemical Pollution	4	0	0	4
5	MIC 608	Pharmaceutical Chemistry	4	0	0	4
6	MIC 610	Chemistry of Industrially Important Materials	4	0	0	4