

Department of Chemistry					
Coursebook Even Sem 2020					
2019 - S2 Int M.Sc					
Course Code	Title	L-T-P	Cr	ES	Faculty
18ENG121	Professional Communication	1 0 2	2	A	
18MAL111/15SAN 111	Malayalam II/Sanskrit II	1 0 2	2	B	
18CSA116	Advanced Computer Programming	3 0 0	3	D	
18CHY111	General Chemistry II	3 1 0	4	C	
18MAT114	Ordinary Differential Equations and Vector Calculus	3 1 0	4	G	
18PHY114	Electricity And Magnetism	3 1 0	4	E	
18CSA181	Advanced Computer Programming Lab	0 0 2	1	L1	
18CHY184	Inorganic Quantitative Lab-Volumetric Analysis Lab	0 0 2	1	L2	
15PHY182	Physics Lab - II	0 0 2	1	L3	
18CUL111	Cultural Education II	2 0 0	2	2	
	Total Credit =24		24		
2018 - S4 Int. M.Sc					
Code	Title	L-T-P	Cr	ES	
18CHY212	Physical Chemistry II	3 1 0	4	A	
18CHY213	Organic Chemistry I	3 1 0	4	B	
18MAT219	Integral Transforms	3 1 0	4	D	
18PHY214	Waves and Optics	3 1 0	4	C	
	Open Elective A*	3 0 0	3		
	18OEL270: Science, Society and Culture				Cap 60
	18OEL239: Essence of Spiritual Literature –				Cap 30
	18OEL266: Personal Effectiveness				Cap 40
18OEL254, 18OEL274, 18OEL268	(Open Elective A*) (CAP-60): Introduction to Right to Information Act, Understanding Travel and Tourism, Principles of Marketing			J	
18OEL256	Linguistic Abilities				
18OEL242	Gender Studies				
18OEL231	ADVERTISING				
18CHY282	Basic Organic Qualitative Lab	0 0 3	1	L1	
18SSK211	Life Skills II	10 2	2	G	
18AVP211	Amrita Value Programme II	1 0 0	1	F	
18OEL231	ADVERTISING				
	Total-23				
2017 - S6 Int M.Sc					
Code	Title	L-T-P	Cr	ES	
15CHY311	Basics of Analytical Chemistry	3 0 0	3	A	
15CHY312	Organic Chemistry III	3 1 0	4	B	
15CHY313	Inorganic Chemistry III	3 1 0	4	D	
15PHY314	Basic Spectroscopic Techniques	3 1 0	4	C	
15CHY332	Corrosion Science (Elective B)	3 0 0	3	E	Cap 12
15CHY333	Green Chemistry (Elective B)	3 0 0	3	E	Cap 12
15CHY334	Industrial Catalysis (Elective B)	3 0 0	3	E	Cap 12
15CHY385	Inorganic Quantitative Lab-Gravimetric Analysis	0 0 5	2	L1	
15CHY386	Physical Chemistry Lab -Instrumental Analysis	0 0 3	1	L2	
	Total-21				
15CHY399	Project (For Exit Option Students)		6	P	
	Total =27				

Total Credit (For Exit Option Students)=144					
2016 - S8 Int M.Sc					
Code	Title	L-T-P	Cr	ES	
18CHY 511	Chemical Thermodynamics and Equilibria	3 1 0	4	D	
18CHY 512	Molecular Spectroscopy	3 1 0	4	C	
18 CHY513	Organic Reaction Mechanism	3 1 0	4	A	
18 CHY514	Heterocyclic and Natural Products Chemistry	300	3	B	
18 CHY 515	Organometallic Chemistry	300	3	E	
18 CHY 583	Advanced Physical Chemistry Lab	0 0 5	2	L1	
18CHY584	Inorganic Quantitative Analysis Lab	0 0 5	2	L2	
			Total-22		
2019 - S2 M.Sc					
Code	Title	L-T-P	Cr	ES	
18CHY 511	Chemical Thermodynamics and Equilibria	3 1 0	4	D	
18CHY 512	Molecular Spectroscopy	3 1 0	4	C	
18 CHY513	Organic Reaction Mechanism	3 1 0	4	A	
18 CHY514	Heterocyclic and Natural Products	300	3	B	
18 CHY 515	Organometallic Chemistry	300	3	E	
18 CHY 583	Advanced Physical Chemistry Lab	0 0 5	2	L1	
18CHY584	Inorganic Quantitative Analysis Lab	0 0 5	2	L2	
18 AVP 501	Amrita Value Programme	1 0 0	1	F	
			Total-23		
2015- S10 Int M.Sc					
Code	Title	L-T-P	Cr	ES	
18 CHY 696	Dissertation		14		
2018- S4 M.Sc					
Code	Title	L-T-P	Cr	ES	
18 CHY 696	Dissertation		14		