

Course book (Jan -June 2019)

Department of Chemistry

2018 S2 Int.M.Sc

Code	Title	L-T-P	Cr	ES
18ENG121	Professional Communication	1 0 2	2	A
18MAL111/18 SAN111	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	0 0 2	1	L2
18PHY182	Physics Lab - II	0 0 2	1	L3
18CUL111	Cultural Education II	2 0 0	2	2

Total Credit =24

2017- S4 Int. M.Sc

Code	Title	L-T-P	Cr	ES
15CHY211	Physical Chemistry II	3 1 0	4	A
15CHY213	Organic Chemistry I	3 1 0	4	B
15MAT236	Integral Transforms	3 1 0	4	D
15PHY214	Waves and Optics	3 1 0	4	C
	Open Elective A*	3 0 0	3	J
15CHY286	Basic Organic Qualitative Lab	0 0 2	1	L1
15SSK211	Life Skills II	1 0 2	2	G
15AVP211	Amrita Value Programme II	1 0 0	1	F

Total-23

2016- 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
15CHY314	Basic Spectroscopic Techniques	3 1 0	4	C
15CHY385	Inorganic Quantitative Lab-Gravimetric Analysis	0 0 5	2	L1
15 CHY338	Chemistry of Advanced Materials(Elective B)	3 0 0	3	E
15CHY333	Green Chemistry (Elective B)	3 0 0	3	E
15 CHY331	Batteries and Fuel Cells(Elective B)			
15CHY386	Physical Chemistry Lab -Instrumental Analysis	0 0 3	1	L2

Total-21

15CHY399	Project (For Exit Option Students)		6	
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Total-27

2015- S8 Int M.Sc

Code	Title	L-T-P	Cr	ES
18CHY 511	Chemical Thermodynamics and Equilibria	3 1 0	4	
18CHY 512	Molecular Spectroscopy	3 1 0	4	
18CHY 513	Organic Reaction Mechanism	3 1 0	4	

18CHY 514	Heterocyclic and Natural Products Chemistry	300	3	
18CHY515	Organometallic Chemistry	300	3	
18CHY 583	Advanced Physical Chemistry Lab	0 0 5	2	
18CHY 584	Inorganic Quantitative Analysis Lab	0 0 5	2	

Total-22

2018- S2 M.Sc

Code	Title	L-T-P	Cr	ES
18CHY 511	Chemical Thermodynamics and Equilibria	310	4	
18CHY 512	Molecular Spectroscopy	310	4	
18CHY 513	Organic Reaction Mechanism	310	4	
18CHY 514	Heterocyclic and Natural Products Chemistry	300	3	
18CHY515	Organometallic Chemistry	300	3	
18CHY 583	Advanced Physical Chemistry Lab	0 0 5	2	
18CHY 584	Inorganic Quantitative Analysis Lab	0 0 5	2	
18AVP501	Amrita Values Programme	100	1	

Total Credit =23

2014- S10 Int M.Sc

Code	Title	L-T-P	Cr	ES
15CHY 631	Applied Electrochemistry	3 0 0	3	E
15CHY637	Medicinal Chemistry	300	3	E
15CHY 696	Dissertation		10	P

Total Credit=13

2017- S4 M.Sc

Code	Title	L-T-P	Cr	ES
15CHY631	Applied Electrochemistry	3 0 0	3	E
15CHY637	Medicinal Chemistry	300	3	E
15CHY696	Project		10	P

Total Credit=13