

## B.Sc., CHEMISTRY (UG) COURSE STRUCTURE UNDER CBCS PATTERN

(For the Candidates admitted from (2019-2020 onwards))

Sem		Course Code	Title of the Course	H/W	Credit	Internal	External	Total
I	Part-I	19T101	LC-I Language Course-I Tamil	6	3	25	75	100
	Part-II	19H101	ELC-I English Language Course-I	6	3	25	75	100
	Part-III	19Y101	CC-I General Chemistry – I	5	4	25	75	100
		19Y102L	CC-II Volumetric Analysis Practical– I	3	-	-	-	-
		19Y103A	AC-I Allied Mathematics – I	5	4	25	75	100
		19Y104A	AC-II – Allied Mathematics – II	5	4	25	75	100
	Part-IV	19VED	VE Value Education	2	2	25	75	100
				32	20			600
II	Part-I	19T202	LC-II Language Course-II Tamil	6	3	25	75	100
	Part-II	19H202	ELC-II English Language Course-II	6	3	25	75	100
	Part-III	19Y205	CC-III General Chemistry – II	4	4	25	75	100
		19Y102L	CC-II Volumetric Analysis Practical-I	3	4	40	60	100
		19Y206A	AC-III Mathematics – III	5	4	25	75	100
	Part-IV	19XY21	SKBC-I Material Chemistry and Nanotechnology	2	2	25	75	100
	Part-IV	19EVS	EVS Environmental Studies	2	2	25	75	100
				28	22			700
III	Part-I	19T303	LC-III Language Course-III Tamil	6	3	25	75	100
	Part-II	19H303	ELC-III English Language Course-III	6	3	25	75	100
	Part-III	19Y307	CC-IV General Chemistry – III	5	5	25	75	100
		19Y308L	CC-V Inorganic Microscale Qualitative Analysis – Practical II	3	-	-	-	-
		19Y309A	AC-IV – Allied Physics –I	5	4	25	75	100
		19Y310L	AC-V – Allied Physics Practical-I	3	-	-	-	-
	Part-IV	19XY32	SKBC-II Chemistry of consumer products	2	2	25	75	100
	Part-IV	19GS	Gender Studies	-	1	-	100	100
				30	18			600

IV	Part-I	19T404	LC-IV Language Course-IV Tamil	6	3	25	75	100
	Part-II	19H404	ELC-IV English Language Course-IV	6	3	25	75	100
	Part-III	19Y411	CC-VI General Chemistry – IV	5	5	25	75	100
		19Y308L	CC-V- Inorganic Microscale Qualitative Analysis – Practical II	3	4	40	60	100
		19Y310L	AC-V –Allied Physics practical II	3	4	40	60	100
		19Y412A	AC –VI- Allied Physics -II	5	4	25	75	100
	Part-IV	19Y4N	NMEC-I Agricultural Science	2	2	25	100	100
Part-IV	19SSC	Soft skill	-	2	25	75	100	
				30	27			800
V	Part-III	19Y513	CC-VII Inorganic Chemistry – I	6	5	25	75	100
		19Y514	CC-VIII- Organic Chemistry – I	6	5	25	75	100
		19Y515	CC-IX Physical chemistry – I	5	5	25	75	100
		19Y516L	CC-X -Gravimetric Analysis & Organic compound analysis	3	-	-	-	-
		19Y517L	CC-XI- Physical chemistry experiment & Organic preparation – Lab	3	-	-	-	-
	Part-III	19Y518	EC-I Analytical chemistry	5	5	25	75	100
	Part-IV	19Y5N	NMEC-II Dairy Chemistry	2	2	25	75	100
				30	22			500
VI	Part-III	19Y619	CC-XII Inorganic Chemistry – II	6	5	25	75	100
		19Y620	CC-XIII Organic Chemistry – II	6	5	25	75	100
		19Y516L	CC-X Gravimetric analysis & Organic compound analysis	3	5	40	60	100
		19Y517L	CC-XI Physical chemistry experiment & Organic preparation – Lab	3	5	40	60	100
		19Y621	EC-II Electrochemistry and Molecular Spectroscopy	6	5	25	75	100
		19Y622	EC-III Molecular Dynamics	6	5	25	75	100
	Part-IV	Extension Activities		-	1	-	-	100
				30	31			700
		Total		<b>180</b>	<b>140</b>			4000
	Part-IV	19YC	CC Comprehensive Course	-	4	-	-	100

