

DEPARTMENT OF CHEMISTRY
U.G. COURSE PATTERN (2017 - 2020)

Sem.	Part	Code	Title of The Paper	Hours	Credits	
I	I	17GT1GS01/ 17GH1GS01	Tamil - I/ Hindi	5	3	
	II	17GE1GSA1/ 17GE1GSB1	English - I	5	3	
	III	17CH1MC01	General Chemistry - I	4	4	
	III	17CH1MC02	General Chemistry - II	4	4	
	III	17CH1CP01	Practical: Inorganic Qualitative Analysis*	3	-	
	III		17MA1AC01/ 17ZO1AC01	Allied Mathematics - I / Allied Zoology - I	5 3	4 3
			17ZO1AP01	Allied Zoology - I Lab	2	1
			IV	17VE1GS01	Value Education	2
	IV	17AE1SK01	SBE - I Communication Skills	2	2	
				Total	30	22
II	I	17GT2GS02/ 17GH2GS02	Tamil-II/ Hindi	5	3	
	II	17GE2GSA2/ 17GE2GSB2	English - II	6	3	
	III	17CH2MC03	General Chemistry - III	5	3	
	III	17CH2MC04	General Chemistry - IV	4	2	
	III	17CH2CP01	Practical: Inorganic Qualitative Analysis	3	3	
	III		17MA2AC02/ 17ZO2AC02	Allied Mathematics - II/ Allied Zoology - II	5 3	4 3
			17ZO2AP02	Allied Zoology - II Lab	2	1
	IV	17CH2SK02	SBE - II Everyday Chemistry	2	2	
			Total	30	20	
III	I	17GT3GS03/ 17GH3GS03	Tamil-III/ Hindi	5	3	
	II	17GE3GSA3/ 17GE3GSB3	English - III	6	3	
	III		17CH3MC05	Organic Chemistry - I	3	3
			17CH3MC06	Physical Chemistry - I	4	3
	III	17CH3CP02	Practical: Organic analysis	3	2	
	III	17PH3AC01	Allied Physics - Theory	3	3	
		17PH3AP01	Allied Physics - Lab	2	1	
	IV	17ES3GS01	Environmental Studies	2	2	
	IV	17AE3SK03	SBE - III Office Automation	2	2	
			Total	30	22	

Sem.	Part	Code	Title of The Paper	Hours	Credits
IV	I	17GT4GS04/ 17GH4GS04	Tamil-IV/ Hindi	5	4
	II	17GE4GSA4/ 17GE4GSB4	English - IV	6	4
	III	17CH4MC07	Inorganic and Physical Chemistry	5	4
	III	17CH4CP03	Practical: Volumetric Analysis	3	2
	III	17PH4AC02	Allied Physics - Theory	3	3
		17PH4AP02	Allied Physics - Lab	2	1
	III	17CH4CE1A/ 17CH4CE1B	Bio inorganic Chemistry/ Bio and Pharmaceutical Chemistry	4	3
	IV	17CH4SK04	SBE - IV Food Chemistry	2	2
		Total	30	23	
V	III	17CH5MC08	Organic Chemistry - II	6	5
	III	17CH5MC09	Physical Chemistry - II	6	6
	III	17CH5MC10	Inorganic Chemistry	6	6
	III	17CH5CP04	Practical: Physical Chemistry	6	3
	III	17CH5CE2A/ 17CH5CE2B/ 17CH5CE2C/ 17CH5CE2D	C-Programming and its applications to Chemistry/ Industrial Chemistry/ Dairy Chemistry/ Green Chemistry	4	3
	IV	17AE5NE01/ 17NC5NE01	NME - I Aptitude Building - I/ Organization and Health Programme in NCC	2	2
		Total	30	25	
VI	III	17CH6MC11	Organic Chemistry - III	6	6
		17CH6MC12	Physical Chemistry - III	6	6
		17CH6MC13	Inorganic and Analytical Chemistry	6	5
		17CH6CP05	Practical: Gravimetric Estimation and Inorganic Preparation	6	3
		17CH6CE3A/ 17CH6CE3B/ 17CH6CE3C/ 17CH6CE3D	Spectroscopy and its Applications/ Nano Chemistry/ Fuel Chemistry/ Soil and Agriculture Chemistry	4	3
	IV	17AE6NE02/ 17NC6NE02	NME - II Aptitude Building - II/ National Integration and Personality Development	2	2
		17CH6SS01	Chemistry in Daily Life	-	2**
		Total	30	25	
I-IV	V	17NP4GS01	NSS/NCC/P.Ed.	--	1
IV-V		17EX5GS01	Extension	--	2
Total for all Semesters				180	140+2**

* Practical exam only at the End of Semester - II and Credits will be awarded at the End of Semester - II

** Extra Credit

