

**GOVERNMENT ARTS COLLEGE**  
**(Autonomous)**  
**COIMBATORE – 641 018**

**DEPARTMENT OF CHEMISTRY**

**M.Sc., CHEMISTRY – SYLLABUS**  
*(Effective from 2018 – 19 onwards)*

**GOVERNMENT ARTS COLLEGE (Autonomous), COIMBATORE – 641 018**

**Annexure – 8**

**M.Sc., CHEMISTRY - SCHEME OF EXAMINATIONS: CBCS PATTERN**

**(For the students admitted during the academic year 2018-2019 and onwards)**

SEM	Sub. code	SUBJECT TITLE		Hrs. Per week	MARKS					No. of credits
					CA	SE	TOTAL	SE-MIN	TPM	
<b>I</b>	<b>18MCH11C</b>	Paper I	Inorganic Chemistry - I	5	25	75	100	38	50	05
	<b>18MCH12C</b>	Paper II	Organic Chemistry - I	5	25	75	100	38	50	05
	<b>18MCH13C</b>	Paper III	Physical Chemistry – I	5	25	75	100	38	50	05
<b>II</b>	<b>18MCH21C</b>	Paper IV	Inorganic Chemistry - II	5	25	75	100	38	50	05
	<b>18MCH22C</b>	Paper V	Organic Chemistry - II	5	25	75	100	38	50	05
	<b>18MCH23C</b>	Paper VI	Physical Chemistry – II	5	25	75	100	38	50	05
	<b>18MCH24P</b>	Practical I	Inorganic Chemistry - I	5	40	60	100	30	50	04
	<b>18MCH25P</b>	Practical II	Organic Chemistry - I	5	40	60	100	30	50	04
	<b>18MCH26P</b>	Practical III	Physical Chemistry – I	5	40	60	100	30	50	04
	<b>III</b>	<b>18MCH31C</b>	Paper VII	Organic Chemistry - III	5	25	75	100	38	50
<b>18MCH32C</b>		Paper VIII	Physical Chemistry – III	5	25	75	100	38	50	05
<b>18MCH33E</b>		Paper IX – E1*	Instrumental Methods	5	25	75	100	38	50	04
<b>18MCH34E</b>		Paper X- E2*	Green and Nano Chemistry	3	25	75	100	38	50	03
<b>IV</b>	<b>18MCH41C</b>	Paper XI	Organic Chemistry - IV	5	25	75	100	38	50	05
	<b>18MCH42E</b>	Paper XII- E3*	Instrumental Methods and Solid State Chemistry	5	25	75	100	38	50	04
	<b>18MCH43E</b>	Paper XIII- E4*	Applied Electrochemistry	5	25	75	100	38	50	04
	<b>18MCH44P</b>	Practical IV	Inorganic Chemistry - II	4	40	60	100	30	50	04
	<b>18MCH45P</b>	Practical V	Organic Chemistry - II	4	40	60	100	30	50	04
	<b>18MCH46P</b>	Practical VI	Physical Chemistry – II	4	40	60	100	30	50	04
	<b>18MCH47V</b>	PROJECT AND VIVA VOCE		3	20	80	100	40	50	06
<b>TOTAL</b>							<b>2000</b>		<b>90</b>	

CA- Continuous Assessment, SE- Semester Examination

SE-MIN- Passing minimum in the Semester Examination; TPM – Total passing minimum

\*E1, E2, E3 & E4 are ELECTIVE PAPERS

*Industrial visit, up to three days, is included in I & III semesters (optional)*