

Faculties of Humanities and Science- Department of Chemistry
M.Sc Chemistry-2018- 2020 Syllabus-Full Time

SEMESTER 1

Course Code.	Course Title	L	T	P	C
HMCH18G01	Physical Chemistry-I	4	0	0	4
HMCH18G02	Inorganic Chemistry-I	4	0	0	4
HMCH18G03	Organic Chemistry-I	4	0	0	4
	Elective-I				
HMCH18GE1	• Chemistry of Main group elements	3	0	0	2
HMCH18GE2	• Bio organic Chemistry				
	Practical				
HMCH18L01	Physical Chemistry Practical	0	0	5	2
HMCH18L02	Inorganic quantitative Analysis	0	0	5	2
	Total Credits 18				

SEMESTER – 2

Course Code.	Course Title	L	T	P	C
HMCH18G04	Physical Chemistry-II	4	0	0	4
HMCH18G05	Inorganic Chemistry-II	4	0	0	4
HMCH18G06	Organic Chemistry-II	4	0	0	4
	Elective-II				
HMCH18GE3	• Chemistry of Natural products	3	0	0	2
HMCH18GE4	• Special topics in Organic synthesis				
	Practical				
HMCH18L03	Organic qualitative Analysis and Synthesis	0	0	5	2
HMCH18L04	Inorganic qualitative Analysis and Synthesis	0	0	5	2
	Total Credits..... 18				



C. B. Palaniswami
REGISTRAR
Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
 (Deemed to be University)
 Periyar E.V.R. High Road,
 Maduravoyal, Chennai 600 095

SEMESTER 3

Sub. Code.	Course Title	L	T	P	C
HMCH18G07	Coordination Chemistry	5	0	0	4
HMCH18G08	Molecular Spectroscopy	5	0	0	4
HMCH18G09	Photochemical and Electrochemical studies	5	0	0	4
HMCH18GE5 HMCH18GE6	Elective –III <ul style="list-style-type: none">• Material Chemistry• Nano Chemistry	3	0	0	2
	Practical				
HMCH18L05	Organic Quantitative Analysis and Synthesis	0	0	6	4
	Total Credits 18				

SEMESTER 4



C. B. Palaniswami
REGISTRAR
Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Periyar E.V.R. High Road,
Maduravoyal, Chennai 600 095