

## Course Structure

SEMESTER – I			SEMESTER – II		
SUBJECT	CREDITS		SUBJECT	CREDITS	
	Th	Pr		Th	Pr
Inorganic Chemistry	4	3	Inorganic Chemistry	4	3
Organic Chemistry	4	3	Organic Chemistry	4	3
Physical Chemistry	4	3	Physical Chemistry	4	3
Analytical Techniques & Spectroscopy	4	-	Analytical Techniques	4	-

SEMESTER – III		SEMESTER – IV	
SUBJECT	CREDITS	SUBJECT	CREDITS
Conformational Analysis, Asymmetric synthesis & Biomolecules	4	Drug design & mode of action of Drug	4
Modern Organic Synthesis	4	Adv heterocyclic chemistry	4
Organic Spectroscopy, Pericyclic reactions and Photo Chemistry	4	Medicinal Chemistry	4
Green Chemistry	4	Elective	4
Separation & Identification of O C (Practical-I)	4	Spectroscopic identification of OC, Drug Analysis	4
Synthesis of organic molecules and isolation of natural products(Practical-II)	4	Project	4
Seminar- specialization topic	1	Seminar- specialization topic	1