


RANI CHANNAMMA UNIVERSITY, BELGAVI
 (GOVERNMENT OF KARNATAKA)

M.Sc. Degree Programme in Chemistry (General)
 (Effective from the Academic Year 2017-18)
 under
 Choice Based Credit System

Course Structure and Scheme of Examination

Sl. No.	Papers	Hours of Teaching per week	Hours of Exam	Marks			Credits
				Exam	IA	Total	
FIRST SEMESTER							
1	CHIT 1.1: Inorganic Chemistry-I	4	3	80	20	100	4
2	CHOT-1.2: Organic Chemistry-I	4	3	80	20	100	4
3	CHPT-1.3: Physical Chemistry-I	4	3	80	20	100	4
4	CHGT-1.4: Spectroscopy-I	2	2	40	10	50	2
5	CHES-1.5: Analytical Chemistry	4	3	80	20	100	4
6	CHIPr -1.6: Inorganic Chemistry Practicals-I	4	4	40	10	50	2
7	CHOPr-1.7: Organic Chemistry Practicals-I	4	4	40	10	50	2
8	CHPPr -1.8: Physical Chemistry Practicals-I	4	4	40	10	50	2
		30		480	120	600	24
SECOND SEMESTER							
1	CHIT-2.1 : Inorganic Chemistry -II	4	3	80	20	100	4
2	CHOT-2.2 : Organic Chemistry- II	4	3	80	20	100	4
3	CHPT- 2.3: Physical Chemistry-II	4	3	80	20	100	4
4	CHGT- 2.4: Spectroscopy-II	2	2	40	10	50	2
5	CHEG- 2.5: Open elective	4	3	80	20	100	4
6	CHIPr-2.6 : Inorganic Chemistry Practicals-II	4	4	40	10	50	2
7	CHOPr- 2.7 : Organic Chemistry Practicals-II	4	4	40	10	50	2
8	CHPPr- 2.8 : Physical Chemistry Practicals-II	4	4	40	10	50	2
		30		480	120	600	24

THIRD SEMESTER							
1	CHIT- 3.1: Inorganic Chemistry-III	4	3	80	20	100	4
2	CHOT- 3.2: Organic Chemistry- III	4	3	80	20	100	4
3	CHPT- 3.3: Physical Chemistry-III	4	3	80	20	100	4
4	CHGT- 3.4: Spectroscopy-III	2	2	40	10	50	2
5	CHEG- 3.5: Open elective	4	3	80	20	100	4
6	CHIPr- 3.6: Inorganic Chemistry Practicals-III	4	4	40	10	50	2
7	CHOPr- 3.7 : Organic Chemistry Practicals-III	4	4	40	10	50	2
8	CHPPr -3.8: Physical Chemistry Practicals-III	4	4	40	10	50	2
		30		480	120	600	24
FOURTH SEMESTER							
1	CHIT- 4.1: Inorganic Chemistry-IV	4	3	80	20	100	4
2	CHOT- 4.2: Organic Chemistry-IV	4	3	80	20	100	4
3	CHPT- 4.3: Physical Chemistry-IV	4	3	80	20	100	4
4	CHGT- 4.4: Spectroscopy-IV	2	2	40	10	50	2
	CHGP 4.5: Project Work:	4		80	20	100	4
	CHIPr -4.6: Inorganic Chemistry Practicals-IV	4	4	40	10	50	2
5	CHOPr -4.7: Organic Chemistry Practicals-IV	4	4	40	10	50	2
6	CHPPr 4.8: Physical Chemistry Practicals-IV	4	4	40	10	50	2
7							
		34		480	120	600	24

T : Theory, Pr : Practical, P: Project, EG : Elective General, ES : Elective Special

Total Credits : 96

Internal Assessment for the project work shall be based on the presentation of the work in a seminar.

The project report shall be evaluated by one internal and one external examiner.