



Semester - 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205101	Organic Chemistry-I	4.00	4	-	-	20	-	20	60	-	50	-	100
11205102	Inorganic Chemistry-I	4.00	4	-	-	20	-	20	60	-	50	-	100
11205103	Physical Chemistry-I	4.00	4	-	-	20	-	20	60	-	50	-	100
11205108	Lab-I: Organic Chemistry	4.00	-	8	-	-	40	-	-	60	-	50	100
11205109	Lab-II: Analytical Chemistry	4.00	-	8	-	-	40	-	-	60	-	50	100
11205110	Comprehensive viva	2.00	-	4	-	-	-	-	-	100	-	50	100
	M.Sc. Chem. 1 (Compulsory Subjects :1) - Only This Group	4.00	4	-	-	40	-	-	60	-	-	-	100
	Total	26.00	16	20									700

Semester - 1 M.Sc. Chem. 1

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205104	Analytical Chemistry-I	4.00	4	-	-	20	-	20	60	-	50	-	100
11205107	Biophysical Chemistry	4.00	4	-	-	20	-	20	60	-	50	-	100

Lect. - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing %: 50 Practical Passing %: 50



Semester - 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205151	Organic Chemistry-II	4.00	4	-	-	20	-	20	60	-	50	-	100
11205152	Inorganic Chemistry-II	4.00	4	-	-	20	-	20	60	-	50	-	100
11205153	Physical Chemistry-II	4.00	4	-	-	20	-	20	60	-	50	-	100
11205158	Lab-I: Inorganic Chemistry	4.00	-	8	-	-	40	-	-	60	-	50	100
11205159	Lab-II: Physical Chemistry	4.00	-	8	-	-	40	-	-	60	-	50	100
11205160	Comprehensive viva	2.00	-	4	-	-	-	-	-	100	-	50	100
	M.Sc. Chem. 2 (Compulsory Subjects :1) - Only This Group	4.00	4	-	-	40	-	-	60	-	-	-	100
	Total	26.00	16	20									700

Semester - 2 M.Sc. Chem. 2

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205154	Analytical Chemistry-II	4.00	4	-	-	20	-	20	60	-	50	-	100
11205157	Environmental Pollutions	4.00	4	-	-	20	-	20	60	-	50	-	100

Lect. - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing %: 50 Practical Passing %: 50



Semester - 3

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205201	Pericyclic Reactions, Photochemistry and Free Radicals	4.00	4	-	-	20	-	20	60	-	50	-	100
11205202	Redox Reactions and Organometallics	4.00	4	-	-	20	-	20	60	-	50	-	100
11205204	Spectroscopy of Organic Compounds	4.00	4	-	-	20	-	20	60	-	50	-	100
11205208	Lab I: Organic Preparation	4.00	-	8	-	-	40	-	-	60	-	50	100
11205209	Lab II: Organic Spotting and Organic Estimation	4.00	-	8	-	-	40	-	-	60	-	50	100
11205210	Comprehensive viva	2.00	-	4	-	-	-	-	-	100	-	50	100
	M.Sc. Chem. 3 (Compulsory Subjects :1) - Only This Group	4.00	4	-	-	40	-	-	60	-	-	-	100
	Total	26.00	16	20									700

Semester - 3 M.Sc. Chem. 3

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205203	Medicinal Chemistry	4.00	4	-	-	20	-	20	60	-	50	-	100
11205207	Bioorganic Chemistry	4.00	4	-	-	20	-	20	60	-	50	-	100

Lect. - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing %: 50 Practical Passing %: 50



Semester - 4

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205251	Drugs and Natural products	4.00	4	-	-	20	-	20	60	-	50	-	100
11205252	Stereochemistry and Disconnection Approach	4.00	4	-	-	20	-	20	60	-	50	-	100
11205253	Chemistry of Heterocyclic Compounds	4.00	4	-	-	20	-	20	60	-	50	-	100
11205258	Dissertation	8.00	-	16	-	-	-	-	-	100	-	50	100
11205259	Comprehensive viva	2.00	-	4	-	-	-	-	-	100	-	50	100
	M.Sc. Chem. 4 A (Compulsory Subjects :1) - Only This Group	4.00	4	-	-	40	-	-	60	-	-	-	100
	Total	26.00	16	20									600

Semester - 4 M.Sc. Chem. 4 A

						Internal Marks			External Marks		Passing Marks (Theory + CE)	Passing Marks (Practical)	Total Marks
Code	Subject	Credit	Lect.	Lab	Tut	T	P	CE	T	P	Int. + Ext.	Int. + Ext.	
11205280	Synthetic Dyes	4.00	4	-	-	20	-	20	60	-	50	-	100
11205281	Industrial Chemical Processes	4.00	4	-	-	20	-	20	60	-	50	-	100

Lect. - Lecture, **Tut** - Tutorial, **Lab** - Lab, **T** - Theory, **P** - Practical, **CE** - CE, **T** - Theory, **P** - Practical
Theory Passing %: 50 Practical Passing %: 50