

Curriculum
for
**B.Sc. (Honours) Course in
CHEMISTRY**

Choice Based Credit System

Effective from the Session 2016-17

**KAZI NAZRUL UNIVERSITY
Asansol
West Bengal**

Kazi Nazrul University

Curriculum for B. Sc. Honours Course in Chemistry

Semester - I

Sr. No.	Name of the Subject	Nature	Code	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Inorganic Chemistry– I (Theory)	Core Course – I					6
2	Organic Chemistry – I (Theory)	Core Course – II					6
3	GE – I (Mathematics Theory)	GE					5
4	GE – I (Mathematics Tutorial)	GE					1
5	EVS	AECC					4
Total Credit = 22							

Semester - II

Sr. No.	Name of the Subject	Nature	Code	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Physical Chemistry– I (Theory)	Core Course – III		4			4
2	Physical Chemistry– I (Lab)					2	2
3	Organic Chemistry – II (Theory)	Core Course – IV		4			4
4	Organic Chemistry – II (Lab)					2	2
5	GE – II (Mathematics Theory)	GE					5
6	GE – II (Mathematics Tutorial)	GE					1
7	English	AECC					2
Total Credit = 20							

Semester - III

Sr. No.	Name of the Subject	Nature	Code	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Inorganic Chemistry– II (Theory)	Core Course – V		4			4
2	Inorganic Chemistry– II (Lab)	Core Course – V				2	2
3	Organic Chemistry – III (Theory)	Core Course – VI		4			4
4	Organic Chemistry – III (Lab)	Core Course – VI				2	2
5	Physical Chemistry – II (Theory)	Core Course – VII		4			4
6	Physical Chemistry – II (Lab)	Core Course – VII				2	2
7	GE – III (Mathematics/Physics Theory)	GE					5/4
8	GE – III (Mathematics Tutorial/ Physics Lab)	GE					1/2
9	SEC – I	AECC – I					2
Total Credit = 26							

Semester - IV

Sr. No.	Name of the Subject	Nature	Code	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Inorganic Chemistry– III (Theory)	Core Course–VIII		4			4
2	Inorganic Chemistry– III (Lab)	Core Course–VIII				2	2
3	Organic Chemistry – IV (Theory)	Core Course – IX		4			4
4	Organic Chemistry – IV (Lab)	Core Course – IX				2	2
5	Physical Chemistry – III (Theory)	Core Course–X		4			4
6	Physical Chemistry – III (Lab)	Core Course – X				2	2
7	GE – IV (Mathematics/Physics Theory)	GE					5/4
8	GE – IV (Mathematics Tutorial/ Physics Lab)	GE					1/2
9	SEC – II	AEEC – II					2
Total Credit = 26							

Semester - V

Sr. No.	Name of the Subject	Nature	Code	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Organic Chemistry– V (Theory)	Core Course–XI		4			4
2	Organic Chemistry– V (Lab)	Core Course–XI				2	2
3	Inorganic Chemistry – IV (Theory)	Core Course – XII		4			4
4	Inorganic Chemistry – IV (Lab)	Core Course–XII				2	2
5	DSE – I	DSE – I					6
6	DSE – II	DSE – II					6
Total Credit = 24							

Semester - VI

Sr. No.	Name of the Subject	Nature	Code	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Inorganic Chemistry– V (Theory)	Core Course–XIII		4			4
2	Inorganic Chemistry– V (Lab)	Core Course–XIII				2	2
3	Physical Chemistry – IV (Theory)	Core Course – XIV		4			4
4	Physical Chemistry – IV (Lab)	Core Course – XIV				2	2
5	DSE – III	DSE – III					6
6	DSE – IV	DSE – IV					6
Total Credit = 24							

Total Credit = 142

Curriculum
for
B.Sc. Course with
CHEMISTRY

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KAZI NAZRUL UNIVERSITY
Asansol
West Bengal

Kazi Nazrul University
Curriculum for B. Sc. Course
Semester - I

Sr. No.	Name of the Subject	Nature	Marks	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Discipline – I (Theory)	Core Course – I	50				4/5
2	Discipline – I (Practical/Tutorial)	Core Course – I	50				2/1
3	Discipline – II (Theory)	Core Course – I	50				4/5
4	Discipline – II (Practical/Tutorial)	Core Course – I	50				2/1
5	Discipline – III (Theory)	Core Course – I	50				4/5
6	Discipline – III (Practical/Tutorial)	Core Course – I	50				2/1
7	EVS	AEC	50				4
Total Credit = 22							

Semester - II

Sr. No.	Name of the Subject	Nature	Marks	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Discipline – I (Theory)	Core Course – II	50				4/5
2	Discipline – I (Practical/Tutorial)	Core Course – II	50				2/1
3	Discipline – II (Theory)	Core Course – II	50				4/5
4	Discipline – II (Practical/Tutorial)	Core Course – II	50				2/1
5	Discipline – III (Theory)	Core Course – II	50				4/5
6	Discipline – III (Practical/Tutorial)	Core Course – II	50				2/1
7	English	AEC	50				2
Total Credit = 20							

Semester - III

Sr. No.	Name of the Subject	Nature	Marks	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Discipline – I (Theory)	Core Course – III	50				4/5
2	Discipline – I (Practical/Tutorial)	Core Course – III	50				2/1
3	Discipline – II (Theory)	Core Course – III	50				4/5
4	Discipline – II (Practical/Tutorial)	Core Course – III	50				2/1
5	Discipline – III (Theory)	Core Course – III	50				4/5
6	Discipline – III (Practical/Tutorial)	Core Course – III	50				2/1
7	Skill enhancement course	SEC – I	50				2
Total Credit = 20							

Semester - IV

Sr. No.	Name of the Subject	Nature	Marks	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Discipline – I (Theory)	Core Course – IV	50				4/5
2	Discipline – I (Practical/Tutorial)	Core Course – IV	50				2/1
3	Discipline – II (Theory)	Core Course – IV	50				4/5
4	Discipline – II (Practical/Tutorial)	Core Course – IV	50				2/1
5	Discipline – III (Theory)	Core Course – IV	50				4/5
6	Discipline – III (Practical/Tutorial)	Core Course – IV	50				2/1
7	Skill enhancement course	SEC – II	50				2
Total Credit = 20							

Semester - V

Sr. No.	Name of the Subject	Nature	Marks	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Skill enhancement course	SEC – III	50				2
2	Discipline – I (Specific Elective)	DSE – I	50				6
3	Discipline – II (Specific Elective)	DSE – I	50				6
4	Discipline – III (Specific Elective)	DSE – I	50				6
Total Credit = 20							

Semester - VI

Sr. No.	Name of the Subject	Nature	Marks	Teaching Scheme in hour per week			Credit
				L	T	P	
1	Skill enhancement course	SEC – IV	50				2
2	Discipline – I (Specific Elective)	DSE – II	50				6
3	Discipline – II (Specific Elective)	DSE – II	50				6
4	Discipline – III (Specific Elective)	DSE – II	50				6
Total Credit = 20							

Total Credit = 122