

Details of Generic Elective (GE) Courses offered by Department of Chemistry

GE COURSES –21 (4 Credits each-3T+1P/2T+2P)		
COURSE CODE	NAME OF THE COURSE	CREDITS T=Theory Credits P=Practical Credits
CHEMISTRY-GE-1	Atomic Structure and Chemical Bonding	T=2 P=2
CHEMISTRY-GE-2	Bioinorganic Chemistry	T=2 P=2
CHEMISTRY-GE-3	Basic Concepts of Organic Chemistry	T=2 P=2
CHEMISTRY-GE-4	States of Matter	T=2 P=2
CHEMISTRY-GE-5	Conductance and Electrochemistry	T=2 P=2
CHEMISTRY-GE-6	Chemistry of Food Nutrients	T=2 P=2
CHEMISTRY-GE-7	Chemistry: Statistical Methods and Data Analysis	T=2 P=2
CHEMISTRY-GE-8	Medicines in Daily Life	T=2 P=2
CHEMISTRY-GE-9	Chemistry and Society	T=2 P=2
CHEMISTRY-GE-10	Radio-chemistry in Energy, Medicine and Environment	T=3 P=1
CHEMISTRY GE-11	Chemistry in Indology and Physical & Mental Well Being	T=3 P=1
CHEMISTRY GE-12	Coordination and Organometallic Compounds	T=2 P=2
CHEMISTRY-GE-13	Chemistry of Oxygen containing Functional Groups and their Application to Biology	T=2 P=2
CHEMISTRY-GE-14	Molecules of Life	T=2 P=2

CHEMISTRY-GE-15	Chemical Kinetics and Photochemistry	T=2 P=2
CHEMISTRY-GE-16	Basics of Polymer Chemistry	T=2 P=2
CHEMISTRY-GE-17	Chemistry: Molecular Modelling, Artificial Intelligence and Machine Learning	T=2 P=2
CHEMISTRY-GE-18	Role of Metals in Medicines	T=2 P=2
CHEMISTRY-GE-19	Energy and the Environment	T=3 P=1
CHEMISTRY-GE-20	Chemistry of Fragrances and Flavours: An Industry's Perspective	T=3 P=1
CHEMISTRY-GE-21	Green Chemistry	T=2 P=2

GE Pool A: Semester I, III, V (ODD SEMESTERS)

1. GE-1: Atomic Structure and Chemical Bonding
2. GE-2: Bioinorganic Chemistry
3. GE-3: Basic Concepts of Organic Chemistry
4. GE-4: States of Matter
5. GE-5: Conductance and Electrochemistry
6. GE-6: Chemistry of Food Nutrients
7. GE- 7: Chemistry: Statistical Methods and Data Analysis
8. GE- 8: Medicines in Daily Life
9. GE- 9: Chemistry and Society
10. GE-10 Radio-chemistry in Energy, Medicine and Environment
11. GE-11: Chemistry in Indology and Physical & Mental Well Being

GE Pool B: Semester II, IV, VI (EVEN SEMESTERS)

1. GE-12: Coordination and Organometallic Compounds
2. GE-13: Chemistry of Oxygen containing Functional Groups and their Application to Biology
3. GE-14: Molecules of Life
4. GE-15: Chemical Kinetics and Photochemistry
5. GE-16: Basics of Polymer Chemistry
6. GE-17: Chemistry: Molecular Modelling, Artificial Intelligence and Machine Learning
7. GE-18: Role of Metals in Medicines

8. GE-19: Energy and the Environment
9. GE-20: Chemistry of Fragrances and Flavours: An Industry's Perspective
10. GE-21: Green Chemistry