

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) KAKINADA – 533 002,
EAST GODAVARI, A.P.

B.Sc. CHEMISTRY COURSE STRUCTURE 2023-24

First Semester Structure

S.No	Subject / paper	Title	Department	Total hrs/week
1.	Major Paper I Course Code: BSCM24101	Essentials and applications of Mathematical, Physical and Chemical Sciences	Mathematics, Physics, Chemistry & Computer science	05
2.	Major Paper II Course Code: BSCM24102	Advances in Mathematical, Physical and Chemical Sciences	Mathematic, Physics, Chemistry & Computer Science	05

Second Semester Course Structure

S.No	Subject/paper	Course Code	Title	Department	Total hrs /week	Credits
1.	Major III	CHE24201	General & Inorganic Chemistry	Chemistry	3	3
2	Major-III Practical (General)	CHE24201P	Analysis of Simple Salt	Chemistry	2	1
3	Major-IV (General)	CHE24202	Inorganic Chemistry	Chemistry	3	3
4	Major-IV Practical (General)	CHE24202P	Preparation of Inorganic Compounds	Chemistry	2	1
5	Minor I	CHE24201	General & Inorganic Chemistry	Chemistry	3	3
6	Minor Practical	CHE24201P	Analysis of Simple Salt	Chemistry	2	1

S. No.	Subject/ Paper	CourseCode	Title of the Course	Hrs/ Week	Max. Marks	Marks in SEE	Marks In CIA	Credits
Semester - III								
1	III	CHE203303	Organic Chemistry and Spectroscopy	04	100	60	40	3
		CHE203303P	Practical-III: Organic Chemistry and Spectroscopy Practcal	02	50	40	10	2
Semester - IV								
2	IV	CHE204305	Inorganic, Organic and Physical Chemistry	03	100	60	40	3
		CHE204305P	Practical-IV Inorganic, Organic and Physical Chemistry Practcals	02	50	40	10	2
3	V	CHE204306	Inorganic and Physical Chemistry	03	100	60	40	3
		CHE204306P	Practical-V: Inorganic and Physical Chemistry practcals	02	50	40	10	2
Semester - V/VI								
4	VI-A	CHE-114A	Synthetic Organic Chemistry	03	100	60	40	3
		CHE-114AP	Practical-VIA: Synthetic Organic Chemistry	02	50	40	10	2
5	VII-A	CHE-115A	Analysis of Organic Compounds	03	100	60	40	3
		CHE-115AP	Practical-VIIA: Analysis of Organic Compounds	02	50	40	10	2
6	VI-B	CHE-114B	Analytical Methods in Chemistry-1	03	100	60	40	3
		CHE-114BP	Practical-VIB: Analytical Methods in Chemistry-1	02	50	40	10	2
7	VII-B	CHE-115B	Analytical Methods in Chemistry-2	03	100	60	40	3
		CHE-115BP	Practical-VIIB: Analytical Methods in Chemistry-2	02	50	40	10	2
8	VI-D	CHE205305-6D	Environmental Chemistry	03	100	60	40	3
		CHE205305-6DP	Environmental Chemistry -P	02	50	40	10	2
9	VII-D	CHE205306-7D	Green Chemistry and Nanotechnology	03	100	60	40	3
		CHE205306-7DP	GreenChemistry and Nanotechnology -P	02	50	40	10	2