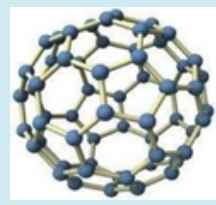




ST. ANN'S COLLEGE FOR WOMEN (AUTONOMOUS)
AFFILIATED TO OSMANIA UNIVERSITY, NAAC ACCREDITED
WITH 'A+' GRADE (3RD CYCLE), COLLEGE WITH POTENTIAL
FOR EXCELLENCE BY UGC, MEHDIPATNAM, HYDERABAD



DEPARTMENT OF CHEMISTRY

R24 COURSE STRUCTURE

Semester I & II

CHEMISTRY-I

Theory

- Organic chemistry
- Inorganic chemistry
- Physical chemistry

Practicals

- Qualitative analysis of inorganic compounds
- Quantitative analysis

CHEMISTRY-II

Theory

- Organic chemistry
- Inorganic chemistry
- Physical chemistry

Practicals

- Synthesis of organic compounds
- Qualitative analysis of organic compounds

Semester III & IV

Semester V & VI

Spectroscopy, Separation techniques
and Medicinal Chemistry

Theory

- Spectroscopy I & II
- Separation Techniques I & II
- Medicinal Chemistry I & II

Practicals

- Physical Chemistry

Skill oriented course: SEM I and II

- Dyes and Textiles

Skill Enhancement course: SEM III and IV

- Safety Rules in Chemistry Laboratory
and Lab Reagents: SEM III & IV

Generic Elective-SEM-V

- Chemistry of Cosmetics, Food
Processing, Drugs and Pharmaceuticals
- Research Methodology

Project Work: SEM VI

Additional courses

ACADEMIC HIGHLIGHTS

- Join a vibrant community of passionate scholars.
- Delve into the wonders of chemistry through hands-on experiments and innovative research.
- Personalized mentorship and academic support.

JOB OPPORTUNITIES

- Academia and Teaching
- Advanced Research
- Industry Research and Development
- Pharmaceutical and Biotechnology Industries
- Government and Regulatory Agencies
- Environmental Science and Sustainability
- Nanotechnology
- Forensic Science and Criminal Justice
- Material Science and Engineering

