

Chemistry & Biochemistry

The school offers doctoral programmes leading to PhD and Post-graduate programme leading to MSc(Chemistry). The school is also engaged in imparting instructions in core courses to UG students of various BE/BTech programmes. Since its establishment in 2002, the School has grown into a major centre for teaching and research in Chemical Sciences. There are about 20 MSc students and 10 PhD students in the school working under 9 faculty members with areas of research encompassing major sub disciplines of Chemistry. Research activities of the school are funded by major GoI funding agencies viz, DST, CSIR, UGC, DRDO etc and supported by many departmental and institute central facilities. The School also encourages strong link with industrial sponsored research.

Objective

To strengthen fundamental knowledge of Chemical Sciences for technological excellence.

Laboratories and Infrastructure

- ★ Chemistry
- ★ Organic Chemistry Lab
- ★ Research Lab.I
- ★ Research Lab.II
- ★ Instrumental Analysis Lab
- ★ PG Chemistry Lab

Major Equipment

- ★ Gas Chromatograph (NUCON)-2 No.s
- ★ UV-Visible spectrophotometer(Analyticajena)
- ★ Ion Analyzer (ORION EA- 940) with ISEs.)
- ★ Electronic Balance (SARTORIUS)
- ★ Rotary Vacuum Evaporator (Heidolph, Ika)
- ★ Vertical tubular Incinerator (Lab. scale)
- ★ High Temperature Pressure Vessel (Bergohf)
- ★ Atomic Absorption Spectrophotometer(ECIL)
- ★ Flame Photometer(EI, India)

Software

- ★ CaCHE Software
- ★ CHEM Office Software

Faculty Profile

S.No	Name	Designation	Highest Academic Degree	Specialization/ Area(s) of Interest
1.	Dr. Susheel Mittal	Professor & Head	PhD	Inorganic Analytical Chemistry/ Environmental Chemistry/ Chemical sensors
2.	Dr. Satnam Singh	Asst. Professor	PhD	Organic/ Organometallic Chemistry, Catalysis, Environmental Chemistry
3	Dr Bonamali Pal	Asstt Professor	PhD	Nanomaterials, Photocatalysis and Photoelectrochemistry.
4.	Dr. Ranjana Prakash	Lecturer (SS)	PhD	Analytical Chemistry, Biotransformation
5.	Dr. Rajesh Kumar	Lecturer	PhD	Molecular Biophysics
6.	Dr. Amjad Ali	Lecturer	PhD	Bio- Inorganic Chemistry & Heterogenous Catalyst for Biodiesel Production
7	Dr Manmohan Chhibbar	Lecturer	PhD	Synthetic Organic Chemistry applied in Materials and Biology.
8	Dr Snehasis Chowdhary	Lecturer	PhD	Theoretical Chemistry