

Devchand College, Arjunnagar

Department of Chemistry

B.Sc. (Chemistry)

Program Specific Outcome (PSO)

On completion of **B. Sc. in Chemistry** the candidate will -

- Achieve the skills required to succeed in graduate school, professional school and the chemical industry like cement industries, agro product, Paint industries, Rubber industries, Petrochemical industries, Food processing industries, Fertilizer industries etc
- Also they expand the knowledge available opportunities related to chemistry in the government services through public service commission particularly in the field of food safety, health inspector, pharmacist etc
- Learn the laboratory skills and safely to transfer and interpret knowledge entirely in the working environment.

Course Outcome (CO)

Class	Course	Semester	Outcome
B. Sc. I	Inorganic Chemistry	Semester-I	1.Understand importance of analysis 2.Aware of qualities & properties of potable water 3.Enhanced learning of chromatographic techniques 4.Acquire knowledge of fertilizer analysis
	Organic Chemistry		
	Physical Chemistry	Semester-II	
	Analytical Chemistry		
B. Sc. II	Physical Chemistry	Semester-III	1.Learn & Understand the basic concepts in industry 2.Knowledge of Unit operations Indian Paper industry 3. To learn about estimation of hardness of water through complexometric titrations 4. To become familiar with some applications of coordination compounds to be able to predict the geometries of simple molecules
	Industrial Chemistry		
	Inorganic Chemistry	Semester-IV	
	Organic Chemistry		
B. Sc. III	Physical Chemistry	Semester-V	1.Enriched knowledge helps in the understanding of the study of nanoparticles with ease 2.Develope interest in the analysis of commercial samples 3. Know the study of chemistry as a green approach w.r.t green Chemistry 4. Know the processes used in Industries and their applications.
	Inorganic Chemistry		
	Organic Chemistry	Semester-VI	
	Industrial Chemistry		