



Govt. Science College, Jabalpur

B.Sc 2nd year

Chemistry

Reaction, Reagents and Mechanism Organic

Chemistry (Major1)

Course Learning Outcomes (CLO)

- Various organic reactions, reagents and their mechanisms, which will be helpful in understanding organic synthesis.
- Application of the reactions in the various industries like pharmaceutical, polymer, pesticides, textile, dyes etc.
- Important key reaction used in further study and research work.



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B.Sc. 2 Year Chemistry

Transition Elements, Chemi-Energetics, Phase Equilibria (Major 2/ Minor/ Elective) Course Learning Outcomes (CLO)

- Introductory idea about Traditional Indian Chemistry.
- Chemistry of d & f-block Elements, Basic concepts of coordination Chemistry.
- Stereochemistry of Transition Metal Complexes.
- Laws of Thermodynamics.
- Concepts of phase Equilibrium with reference to Solid Solution, Liquid-Liquid Mixtures ,partially Miscible Liquids.
- Basic Concepts of Electrochemistry.