



“Education for Knowledge, Science and Culture.”
 – Shikshanmaharshi Dr. Bapuji Salunkhe
Shri. Swami Vivekanand Shikshan Sanstha’s
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



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Department of Chemistry
Course Outcomes (COs): Chemistry

B. Sc. Part II Chemistry (Introduced in the year 2022-23)	
Semester III	
Physical Chemistry (DSC-1002 C1)	
CO No.	On completion of the course, student will be able to:
CO1	Acquire knowledge regarding properties of matter.
CO2	Enhance critical thinking and problem solving ability.
CO3	Learn various aspects of solutions and its importance.
CO4	Understand phases, components, degrees of freedom, phase diagram and its importance.
Analytical & Industrial Chemistry (DSC-1002 C2)	
CO No.	On completion of the course, student will be able to:
CO1	Acquire skills of instrumental and non-instrumental analytical techniques.
CO2	Understand basics of industrial manufacturing processes.
CO3	Learn various theories and principles related to corrosion and electroplating.
CO4	Gain knowledge about separation of different acidic and basic radicals.
Semester IV	
Inorganic Chemistry (DSC-1002 D1)	
CO No.	On completion of the course, student will be able to:
CO1	Gain the knowledge of p-block elements.
CO2	Develop the basics and theories of co-ordination compounds.
CO3	Understand different types and their applications of chelating agent.
CO4	Learn various properties of d-block elements.
Organic Chemistry (DSC-1002 D2)	
CO No.	On completion of the course, student will be able to:
CO1	Prepare different organic compounds.
CO2	Acquire knowledge of application and utilization of organic compounds.
CO3	Illustrate the methods of synthesis of amines, diazonium Salts, amino acids, peptides and Proteins.
CO4	Understand the structure, types and reactions of biomolecules.



S.D.

Dr. (Mrs). S, D, Shirke

HEAD

DEPARTMENT OF CHEMISTRY
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