

A.T.V.V.Mandal's
B. D. Kale Mahavidyalaya, Ghodegaon
DEPARTMENT OF CHEMISTRY
Program Outcomes (POs)

A) Program Outcomes (POs)

As per the recommendations of UGC and Savitribai Phule University guidelines, the undergraduate (UG) degree course in Chemistry is a 6-semester course for 3-academic years **OR** 8-semester course for 4-academic years. The Teaching-Learning Process (TLP) is student- centric. It involves theory, practical and also vocational and skill- based components. It offers flexibility in Programme structure and ensures a strong foundation and in-depth knowledge in subject. Besides the DSCs (Major Core), students have optional courses from the syllabus comprising of DSEs (Minor), VSCs, SECs, IKSs and OEs. Thus, it will facilitate the interdisciplinary as well as multidisciplinary approach within the curriculum framework. It will also allow students to have maximum flexibility in pursuing studies at UG level to the extent of having the freedom to eventually design the degree with multiple exit options. Students will have these exit options depending upon the needs and aspirations in terms of his/her career goals. This will suit the present-day needs of students in terms of securing their paths toward higher studies or employment

UNDER-GRADUATE (UG) SECTION

PO1:Demonstrate comprehensive knowledge and understanding of core principles, theories, and concepts in chemistry

PO2:Communicate the subject knowledge in a clear and simple manner in writing and oral.

PO3:Identify the given problem and apply, theories/assumptions for solving the same related to real life situations

PO4:Plan, execute, interpret and report the results of the experiments to investigate.

PO5:Work effectively and respectfully as a team member in the classroom, laboratory and field-based situations.

PO6:Correlate the ideas, evidences and experiences to analyze and interpret the scientific information with learned scientific reasoning

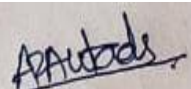
PO7:Get sensibly aware with the subject facts that can be applied for the society.

PO8:Apply modern library search tools to locate, retrieve, and evaluate subject-related information.

PO9:Identify the subject resources required for a project and manage different projects

PO10:Motivate and inspire other colleagues/students in the subject- related activities.

PO11:Inculcate continuous learning habit through multiple Techniques.


CO-ORDINATOR
SCIENCE FACULTY
B. D. Kale Mahavidyalaya
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Principal
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