

Shri Swami Vivekanand Shikshan Sanstha Kolhapur's

**DATTAJIRAO KADAM ARTS, SCIENCE AND COMMERCE COLLEGE,  
ICHALKARANJI**

**M. Sc. Organic Chemistry**

**PROGRAMME OUTCOMES**

Name of Programme: **M. Sc. Organic Chemistry**

The following outcomes are specified by Shivaji University, Kolhapur.

**PO1: Creative Thinking:** Students will be able to think creatively to propose novel ideas in explaining facts and figures or providing new solution to the problems in chemistry.

**PO2: Interdisciplinary Approach and:** Students will realize how developments in any science subject helps in the development of other science.

**PO3: Personality Development:** Students will imbibe ethical, moral and social values in personal and social life leading to highly cultured, civilized personality and positive attitude.

**PO4: Skills in research and industrial field, Communication Skills:** Students will build a scientific temper, attitude and will be able to learn the necessary skills to succeed in research or industrial field. Students will develop various communication skills such as reading, listening, speaking, etc., which we will help in expressing ideas and views clearly and effectively

**PO5: Environmental monitoring:** Understand the issues of environmental contexts and sustainable development.

**PROGRAMME SPECIFIC OUTCOMES**

Name of Programme: M. Sc. Organic Chemistry

The following outcomes are specified by **Shivaji University, Kolhapur**.

**PSO1:** Students will be able to prepare and qualify subject specific competitive exams like NET, SET and GATE and also other general public administration exams like M.P.S.C. and U.P.S.C. exams etc

**PSO2:** Student will be able to utilize the knowledge and analytical skills in QA-QC and R&D departments in almost all the industries enabling them to secure jobs where analytical chemistry is the core requirement to ensure and ascertain the quality of the product.

**PSO3:** Students will have opportunity for higher education leading to Ph.D. program. Students will be able to explore contemporary research in chemistry and allied fields of science and technology, collaborate in team projects and communicate the results of scientific work in oral, written and electronic formats to both scientists and the public at large.

**PSO4:** Students can start their own laboratories/startups/ chemical industry/ business (entrepreneurship).

**PSO5:** Students will be able to interpret data from the state of art Analytical instruments for ascertaining the product/material.