



!! न हि ज्ञानेन सदृशं ! पवित्रमिह विद्यते !!  
Shriram Shikshan Sanstha's  
**Shriram Mahila Vidnyan Mahavidyalaya, Paniv**  
Tals.: Malshiras, Dist.: Solapur, 413113  
(Affiliated to S. N. D. T. Women's University, Mumbai)

## Department of Chemistry

### Undergraduate Program Outcomes (POs)

- 1. Disciplinary Knowledge:** Good knowledge and understanding of major concepts, theoretical principles and experimental findings of the subject and its different subfields.
- 2. Skills:** Ability to use modern instrumentation and laboratory techniques to design and perform experiments.
- 3. Critical thinking:** Ability to engage in reflective and independent thinking by understanding the concepts in every area of the subject.
- 4. Problem solving:** Capability to deduce a problem associated with subject and applies the class room learning into practice to offer a solution for the same.
- 5. Sense of inquiry:** Capability for asking relevant/appropriate questions relating to the issues and problems and planning, executing and reporting the results of a theoretical or experimental investigation.
- 6. Communication Skills:** Ability to share thoughts, ideas and applied skills of communication in its various perspectives like written communication, oral communication etc.
- 7. Lifelong learners:** Capable of self-paced and self-directed learning aimed at personal development and for improving knowledge/skill development and reskilling in all areas of respective subjects.
- 8. Digitally literate:** Adequate training in the application of digital knowledge in higher education and workplace.
- 9. Ethics:** Recognize different value systems including one's own, understand the moral dimensions of one's decisions, and accept responsibility for them.
- 10. Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.