

**JSS College for women (Autonomous)**  
**Saraswathipuram, Mysuru-09**

**PROGRAM SPECIFIC OUTCOMES – (NEP-2020)**

**B.Sc. – Chemistry, Mathematics (CM)**

**PSO 1:** Mathematical, numerical techniques required to model concepts of Mathematics.

**PSO 2:** Relate their knowledge and skills of Chemistry and Mathematics in carrying out independent work.

**PSO 3:** Ability to interlink the skills and knowledge in Chemistry and Mathematics and to develop an aptitude to address the problems in various fields related to them.

**PSO 4:** To identify their area of interest and further specialize with respect to the program in research field.

**PSO 5:** Possess advanced knowledge and skills in job market for various industrial sectors.

**PSO 6:** Discuss debate and communicate in a clear and logical way, with graduates in Chemistry and Mathematical fields.

**PSO 7:** After the completion of a degree with Maths and Chemistry could prepare you for a career in science, technology, engineering, finance, and many other exciting fields.

**PSO 8:** Able to scale new academic heights by pursuing post-graduation and other relevant courses.

**PSO 9:** To identify their area of interest and further specialize with respect to the program in research field.

**PSO 10:** To develop an understanding of various aspects of chemistry.

**PSO 11:** To demonstrate an understanding of the fundamental principles, scientific reasoning to solve problems of all the branches of chemistry.

**PSO 12:** To create foundation for research and development in chemistry and to familiarize with current and recent development in chemistry.

**PSO 13:** To demonstrate research skills in chemistry, proper laboratory manual and record keeping skills, recognizing hazards, minimizing risks, and safe laboratory practice.

**PSO 14:** To help students to build up a progressive and successful career in chemistry.

**PSO 15:** To enrich knowledge through programs such as industrial visits, special lecture programs, etc.

**PSO 16:** To train students in skills related to chemistry for academic and industrial requirement