

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

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

**B.Sc. - Physics, Mathematics (P.M.)**

**PSO 1:** Understanding of core knowledge on various papers of Physics. Clear the concepts which help them in understanding physical phenomenon in nature.

**PSO 2:** To understand the theoretical concepts of physical properties of materials and to dealing with them in a quantitative way.

**PSO 3:** Demonstrate skills and competencies to conduct scientific experiments related to Physics.

**PSO 4:** Analyse the concepts of physics and to use a modern scientific, engineering and IT tool or technique for solving problems in the areas of their discipline.

**PSO 5:** Skills needed to handle instruments and adopt lab procedures to study physical properties of materials.

**PSO-6:** Communicate effectively with the stake holders, and give and receive clear instructions.

**PSO-7:** To identify their area of interest and further specialize with respect to the program in research field.

**PSO-8:** Work effectively as an individual as a team member in a multidisciplinary team.

**PSO 9:** Mathematical, numerical techniques required to model concepts of Physics.

**PSO 10:** Relate their knowledge and skills of Physics and Mathematics in carrying out independent work.

**PSO 11:** Ability to interlink the skills and knowledge in Physics and Mathematics and to develop an aptitude to address the problems in various fields related to them.

**PSO 12:** To identify their area of interest and further specialize with respect to the program in research field.

**PSO 13:** Possess advanced knowledge and skills in job market for various industrial sectors.

**PSO 14:** Discuss debate and communicate in a clear and logical way, with graduates in Physics and Mathematical fields.

**PSO 15:** After the completion of a degree with Maths and Physics could prepare you for a career in science, technology, engineering, finance, and many other exciting fields.