

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

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

**B.Sc. - Physics, Computer Science (P.CS.)**

**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:** Analyze 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:** Analyze the concepts of Physics and Computers Science able to relate them in numerical programming of models of physical systems.

**PSO 10:** Ability to interlink the skills developed in Physics and Computer science and acquires an aptitude to address the problems in simulations of material properties, program developer, web and mobile app development.

**PSO 11:** Relate their knowledge and skills of Physics and Computer Science in carrying out independent work or independent work.

**PSO 12:** Able to scale new academic heights by pursuing post graduation and other relevant courses.

**PSO 13:** To identify their area of interest and further specialize with respect to the program in research field.

**PSO 14:** Be readily employable in electronic industries and animation industry.

**PSO 15:** Physics provides an analytic problem-solving outlook and basic understanding of nature, while computer science enhances the ability to make practical and marketable applications, in addition to having its own theoretical interest.