

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.