PROGRAMME SPECIFIC OUTCOME

DEPARTMENT : PHYSICS

PROGRAMME : M.Sc PHYSICS

PSO 1:

Understand mathematical methods employed in Physics.

PSO 2:

Able to solve problems employing methods of classical, quantum and statistical mechanics.

PSO 3:

Illustrate principles and techniques of condensed matter physics, thermodynamics, electronics and electrodynamics.

PSO 4:

Specialised in one of the frontier area of Physics via Choice Based learning of topics in one of elective bunches.

PSO 5:

Employ methods in Computational Physics to solve physical problems.

PSO 6:

Illustrate the features of atomic, molecular, nuclear and particle physics to characterize materials.

PSO 7:

Set up and Perform experiments and analyse data.

PSO 8:

Familiarized with one of the open elective course Optoelectronics or Nanophotonics.

PSO 9:

Carry out independent work such as projects.

PSO 10:

Research aptitude in Physics to pursue further studies in the nationally/ internationally reputed institutions and laboratories.

PSO 11:

Suggest innovative methods: Find out new methods and technologies to care for nature and life for sustainable development.

PSO 12:

Locate, analyse, evaluate and synthesize information from a wide variety of sources in a planned and timely manner.