



MAHISHADAL RAJ COLLEGE
DEPARTMENT OF PHYSICS

PROGRAM SPECIFIC OUTCOME (PSO)

B. Sc. (GENERAL) with Physics as one of the subjects

The domain of physics encompasses various aspects, such as developing proficiency in handling scientific equipment and comprehending fundamental concepts, utilizing physics principles to analyze everyday occurrences and honing problem-solving abilities, exhibiting proficiency in experimental design and analysis to pursue academic and research prospects, utilizing physics knowledge to promote environmental sustainability and comprehending renewable energy sources, and employing physics principles to devise practical solutions for daily life.

❖ **PSO1: Physics Skills Development**

To excel in physics, it is important to have the ability to operate various electronic and physical instruments commonly used in the field, along with a comprehensive understanding of the fundamental concepts and principles of physics across all areas of study.

❖ **PSO2: Physics Problem-Solving Application**

To gain a clear understanding of everyday occurrences and phenomena, one must apply the principles of physics and develop problem-solving skills related to physics-related mathematical calculations.

❖ **PSO3: Physics Experiment Competence**

To pursue academic and research opportunities in physics, it is essential to formulate, conduct, and analyze experiments in physics, demonstrating competence in the scientific method and acquiring a strong foundation for the same.

❖ **PSO4: Physics for Sustainability and Renewables**

To address environmental issues, it is important to apply physics knowledge and demonstrate knowledge of renewable energy sources and their potential to contribute to a sustainable future.

❖ **PSO5: Physics for Practical Solutions:**

To solve practical problems and improve daily life, it is crucial to understand the fundamental principles of physics and mechanics and apply physics principles accordingly.