

## PROGRAMME OUTCOMES (PO):

At the end of the graduate programme at Calicut University, a student would:

<b>PO 1</b>	<b>Knowledge Acquisition:</b> Demonstrate a profound understanding of knowledge trends and their impact on the chosen discipline of study.
<b>PO 2</b>	<b>Communication, Collaboration, Inclusiveness, and Leadership:</b> Become a team player who drives positive change through effective communication, collaborative acumen, transformative leadership, and a dedication to inclusivity.
<b>PO 3</b>	<b>Professional Skills:</b> Demonstrate professional skills to navigate diverse career paths with confidence and adaptability.
<b>PO 4</b>	<b>Digital Intelligence:</b> Demonstrate proficiency in varied digital and technological tools to understand and interact with the digital world, thus effectively processing complex information.
<b>PO 5</b>	<b>Scientific Awareness and Critical Thinking:</b> Emerge as an innovative problem-solver and impactful mediator, applying scientific understanding and critical thinking to address challenges and advance sustainable solutions.
<b>PO 6</b>	<b>Human Values, Professional Ethics, and Societal and Environmental Responsibility:</b> Become a responsible leader, characterized by an unwavering commitment to human values, ethical conduct, and a fervent dedication to the well-being of society and the environment.
<b>PO 7</b>	<b>Research, Innovation, and Entrepreneurship:</b> Emerge as a researcher and entrepreneurial leader, forging collaborative partnerships with industry, academia, and communities to contribute enduring solutions for local, regional, and global development.

## PROGRAMME SPECIFIC OUTCOMES (PSO):

At the end of the BSc Physics Honours programme at Calicut University, a student would:

<b>PSO1</b>	Understand concepts and applications in the field of Physics viz. Mechanics, Electrodynamics, Thermodynamics, Optics, Quantum Mechanics, Electronics etc.
<b>PSO 2</b>	Develop the skills for experimentation to measure, analyse and interpret empirical data, and present the results in a methodical and accessible way.
<b>PSO 3</b>	Evaluate complex real-world problems by applying principles of theoretical and applied physics, and mathematical and computational models.
<b>PSO 4</b>	Design and execute a Project to solve real-world problems in accordance to the need of the industry and academic research, in a stipulated time frame.
<b>PSO 5</b>	Develop understanding of the fundamental concepts of Physics needed for a deeper study of related fields of knowledge viz. Mathematics, Chemistry, Electronics, Computer Science, Geology etc
<b>PSO 6</b>	Develop the experimental and analytical skills in Physics that can be of useful applications in allied areas of knowledge.

