

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with 'A+' Grade (4th Cycle)

College of Excellence (UGC)

Coimbatore – 641 029

DEPARTMENT OF PHYSICS (Aided)

PROGRAMME OUTCOMES (PO) OF M.Sc. Physics

**For the students admitted
in the
Academic Year 2023-2024**

Upon successful completion of the Programme, the student will be able to

- PO1:** Develop knowledge of scientific phenomena, facts, laws, concepts, theories, scientific quantities and their determination, scientific and technological applications as well as their social, economic and environmental implications.
- PO2:** Think critically; interpret precise concepts to arrive at scientific conclusions.
- PO3:** Acquire relevant information from a variety of sources and be able to communicate scientific information in a clear, concise and logical manner both verbally and in writing.
- PO4:** Students are expected to acquire a basic knowledge in various branches of Physics.
- PO5:** Students are expected to develop written and oral communication skills in communicating Physics related topics.
- PO6:** Students will realize and develop an understanding of the impact of Physics and Science on the society.
- PO7:** Apply conceptual understanding of Physics in other disciplines such as Engineering, Mathematics, Computer science and Chemistry.
- PO8:** Demonstrate the ability to do advanced lab experiments that apply the principles learned in the class rooms.