



MAHISHADAL RAJ COLLEGE  
DEPARTMENT OF PHYSICS

PROGRAM OUTCOME (PO)

**B. Sc. in PHYSICS**

*B.Sc.(Hons.) (Bachelor of Science) Programme offers theoretical as well as practical knowledge about different subject areas of basic science, applied science and social science. These subject areas include Physics, Chemistry, Mathematics, Botany, Zoology, Nutrition, Physiology, Industrial Chemistry, Computer Science, BCA, and Economics depending on the Honours subject a student opts. This programme is most beneficial for students who have a strong interest and background in Science and Mathematics along with their application for human and social welfare. The programme is also beneficial for students who wish to pursue multi and inter-disciplinary science careers in future. A well planned study programme is followed for holistic development of the students.*

Following are the various programme outcomes:

**PO1:** This programme helps to develop scientific aptitude among the students and thus can prove to be highly beneficial for the society and also for the development of the nation.

**PO2:** This programme helps to develop critical thinking, creativity, analytical and problem solving skills among the students.

**PO3:** The students will be able to learn necessary computational skill, use of technology required for an effective learning experience and further progress to higher studies.

**PO4:** After completion of this programme the students will be able to pursue higher studies in basic sciences or social sciences (M.Sc.) in different Universities, IITs, IISERs and other reputed institutes of higher learning in India and abroad, and then choose research career for the welfare of mankind and society. Students have also the option to enroll themselves for different applied science/ technical courses, B.Ed. and some other professional job oriented courses.

**PO5:** Students after completion of this programme have the eligibility to join jobs in Indian Civil Services as IAS, IFS, IPS etc. or as school teacher through SSC.

**PO6:** After completion of the B.Sc. degree there are various other options available for the science students. Students get the potential of being directly recruited by some reputed companies through campus recruitment drive. They may even become entrepreneur and choose to start their own business or industrial units.

**PO7:** The students will be able to engage themselves in independent thinking and lifelong learning in the present context of scientific and technological advancement.