

Aghorekamoni Prakashchandra Mahavidyalaya

(Bengai, Hooghly, West Bengal 712611)

Department of Physics



Program Outcomes

The Physics department of A.K.P.C. Mahavidyalaya offers B.Sc. Program of study for both Honours and General students. The Programs are so designed that the sound knowledge of Physics and good compatibility/adaptability in the forthcoming higher studies or job ventures among the graduating students remain the key outcomes for the same. In particular, the Program Outcomes of UG in Physics are:

At the end of the programme, the students will be able to:

- Critically interpret data, write reports and apply the basics of rules of evidence.
- Formulate and develop mathematical arguments in a logical manner.
- Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.
- Understand, formulate and use quantitative models arising in social science, business and other contexts.
- Evaluate hypotheses, theories, methods and evidence within their proper contexts.
- Solve complex problems by critical understanding, analysis and synthesis.
- Select, interpret and critically evaluate information from a range of sources that include books, scientific reports, journals, case studies and the internet.

- Demonstrate skills in the use of computers for control, data acquisition, and data analysis in experimental investigations
- Demonstrate a range of appropriate general skills including IT competency.
- Provide a systematic understanding of the concepts and theories of mathematics and their application in the real world – to an advanced level, and enhance career prospects in a huge array of fields.
- Communicate effectively by oral, written, computing and graphical means.