

Programme Outcomes

**M.S.P. Mandal's
VINAYAKRAO PATIL MAHAVIDYALAYA, VAIJAPUR
DEPARTMENT OF PHYSICS
B.Sc. (Optional) Physics**

Programme outcomes: The undergraduate course in Physics able to enrich the students by providing opportunities in different fields.

- To understand mechanism of basic laws in Physics.
- To enhance the knowledge of physical phenomenon in the universe.
- To understand basic concepts and its significance.
- To know the concepts and its causes to perform an experiments.
- To resolve the real time problems by applying theories and skills learned.
- To enrich students' academic abilities this programme provides general competence, analytical skills needed in various fields including education, industry, consultancy, public administration and research.
- This course provides opportunities to the students to acquire experimental technics in the laboratory.
- The students would acquire knowledge of different branches of physics including mechanics, thermodynamics & heat, optics, electricity and magnetism, electronics, mathematical, statistical physics and relativity, modern and nuclear physics, solid state physics, electrodynamics, atomic, molecular physics and laser, quantum mechanics, classical, non-conventional energy sources and optical fiber.
- This course empowers the students and opens up several carrier doors in different areas of science and technology in government, private and public domain.
- Students have good job opportunities in health care department as x-ray technician, radiology, oncology (radiation) and many more. There are some esteemed institutes students can start their carrier are: ISRO, BARC, DRDO, IISc, IIT's, NIT's, ONGC, NPTC, BHEL etc.