

Physics Department (BSC)

Course Heading

The B.Sc. in Physics at Jai Hind College provides a thorough understanding of key physics concepts, from classical mechanics to quantum physics. Established in 1949, the department combines theory with hands-on learning to prepare students for advanced studies or careers in science. Students engage in practical experiments, research projects, and interactive classes. This approach helps them develop problem-solving skills and a deep grasp of physics, readying them for diverse opportunities in research, industry, or further education.

Key Information

Duration: 3 years

Course Type: Bachelor's Degree

Campus: Jai Hind College, Churchgate

Mode of Study: Full-time

Programme Objectives

- Graduates will develop a strong foundation in both fundamental and applied physics.
- Graduates will gain hands-on experience through labs, workshops, and research projects.
- Graduates will enhance soft skills such as critical thinking, problem-solving, and communication.
- Graduates will be prepared for advanced studies or careers in various fields including research and industry.

Pedagogy

The department employs interactive teaching methods, including practical labs, workshops, and research activities. Students engage in discussions, debates, and hands-on projects to solidify their understanding. Regular updates to the syllabus ensure relevance and depth of learning.

Curriculum

Graduate Attributes

Graduates of the Physics program will be equipped with:

- Academic Excellence
- Leadership
- Team Spirit
- Analytical Thinking
- Problem-Solving
- Effective Communication
- Research Skills
- Engagement with Society