

DEPARTMENT OF PHYSICS

B.Sc. PHYSICS HONOURS (2019-2020)

Hindol College, Khajuriakata

Affiliated to Utkal University, Vani Vihar, Bhubaneswar, Odisha

PROGRAMME OUTCOMES:

PO1 - To develop scientific temperament for understanding the various occurrences in nature by using the idea of Physics through the habit of learning.

PO2 - Being the Physics Honours Science graduates the students will be able to face all types of interviews.

PO3 - To be able to build up strong personality, communicative skills, team leadership, logical thinking & strong analysing power.

PO4 - To face various challenges with strong determination and confidence.

PO5 - To develop the sense of moral values, social responsibility, self-reliance, protection of environment and its sustainability.

PROGRAMME SPECIFIC OUTCOMES

PSO1: To use electronic gadgets like computers, android mobiles for various application like Programming, Designing Software, e-Information, e-Resources, e-Libraries, Laboratory, Power Point presentation etc.

PSO2: To acquire conceptual knowledge of entrepreneurship.

PSO3: To learn organisational skills.

COURSE OUTCOMES:

- CO1.** After studying thoroughly and comprehending clearly the of B. Sc. Physics Hons core subjects which covered mechanics, Mathematical Physics, Electricity and Magnetism, Waves and Optics, Thermal Physics, Digital Systems, Modern Physics, Analog Systems, Quantum Mechanics, Solid State Physics, Electromagnetic Theory, Nano Physics and Statistical Mechanics students will be able to pursue their PG/M.Phil. / Ph. D. course which has a bright future.
- CO2.** The Project Papers along with Seminar presentation / participation will help the students accept the challenge at any moment.
- CO3.** Besides core subjects the two Generic subjects namely Mathematics and Chemistry will make the student confident to understand the Physical Science in real sense.
- CO4.** The practical classes with the knowledge of C / C++ Language & Scilab software will definitely motivate the students to have access to industrial and research fields.