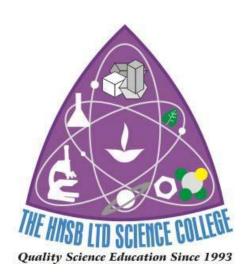
## Program Educational Objectives (PEOs), Program Outcomes (POs)

&

Program Specific Outcomes (PSOs) (2023-2024Batch)

(B.Sc.Sem.-3)



### THE DEPARTMENT OF PHYSICS

THE H. N. S. B. LTD. SCIENCE COLLEGE N.H. – 48, MOTIPURA, HIMATNAGAR (S.K.) GUJARAT (383001)

www.physicshmt.wordpress.com

#### Vision:-

The Department of Physics strives to provide an intellectual environment that fosters the search for the new knowledge in highly dynamic techno -world through its quality education.

#### Mission:-

The Department focus is on the comprehensive, interdisciplinary teaching in applications of Physic, so as to enable learning and applying new technique in dynamic techno—world as the field evolves.

Program Educational Objectives (PEOs)  The graduate will		
PEO-1	Graduates will develop the skills to handle new techniques applied in dynamic techno-world where they have to serve themselves.	
PEO-2	Graduate will use their course as a training ground to develop their positive attitude, skills which will enable them to become a multi facet personality shining in any chosen field.	
PEO-3	Graduate will generate the creativity and acquire the knowledge to solve the complex problems due to practical education.	
PEO-4	Graduatedevelop teaching skills, subject knowledge in the course of their study which will help them to shine in various field including education.	

Program Outcomes(POs)		
PO-1	Acquireability to understand the complex technique applied in various devices.	
PO-2	Develop skill to think critically on abstract concept of Physics and Electronics.	
PO-3	Acquire the ability to think independently for lifelong learning.	
PO-4	Formulate and develops scientific argument in logical manner	
PO-5	Acquire knowledge to design and executing of the experiment.	

Program Specific Outcomes(PSOs)		
PSO-1	Understandbasic concepts of Physics.	
PSO-2	Develop the skill to handle modern scientific devices.	
PSO-3	To integrate knowledge and skills of understanding scientific world that will sustain an environment of learning and creativity among the students with an assurance for good career.	
PSO-4	Identify fundamental concept of electronics and mechanics.	

# Course Outcomes (COs)

Course	Outcome
Physics Paper-3	To enable the students to learn the Heat & Thermodynamics,
СС-РНҮ-301	Spectroscopy- Modern Physics and Crystal structure.
Physics Practical	Students will gain an understanding of criteria of Optics, Fluid and
СС-РНҮ-301	Electronics.
Physics Paper-4	To enable the students to learn the Magneto statics, Electronics
СС-РНҮ-302	and Optics.
Physics Practical	Students will gain an understanding of criteria Electronics and
СС-РНҮ-302	Digital Electronics.