

DEPARTMENT OF PHYSICS



2017-18

Establishment : 2014

Highlights : Qualified, Experienced and Research oriented faculty

*** Study tours :**

Department of Physics- YCWM Warananagar., Kaas Pathar Satara,
YC College Satara.

*** Industry Visits:**

Exotic fruits pvt ltd. Ratnagiri,.

Faculty Details :

Sr. No.	Name of the Faculty	Designation	Qualification	Profile
1	Mr. M. R. Waikul	Assistant Professor & Head	M. Sc., B.Ed(App)	Click Here To View Profile
2	Mr. S. Y. Warang	Assistant Professor	M. Sc.	Click here to View Profile

Programme Specific Outcomes of B.Sc. in Physics:

PSO1 Demonstrate a rigorous understanding of the core theories & principles of physics, which include mechanics, electromagnetism, thermodynamics, & quantum mechanics

PSO2 Learn the Concept of Quantum Mechanics, Relativity, introduced in order to understand nature at atomic levels

PSO3 Provide knowledge about material properties and its application for developing technology to ease the problems related to society

PSO4 Develop critical thinking and quantitative reasoning skills and empower to resolve scientific problems

PSO5 Prepare and plan for career opportunities in Physics and Physical science after graduation.

Course Outcomes: (COs):

CO1: To learn basic concepts in statistical physics.

CO2: To know the relation between matter waves and energy.

CO3: To study the motion in macroscopic states.

CO4: To study the spectra and structure of spectra and basic concepts of astrology.

CO5: To study Nucleus and its properties.

CO6: To study of renewable energy sources.

CO7: To Study the properties of charged particles.

CO8: To Study crystalline and non-crystalline solids.

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Career opportunities:

Physics graduates can find jobs as Content developer, treasury management specialist, Quality Control manager, Statistician, Radiologist, Research Head, Scientist, etc.

Students can find various job opportunities in governmental organizations like Defence research development Organisation (DRDO), Vikram Sarabhai Space Centre (VSSC), Indian Space

Research Organisation (ISRO), Solid State Physics Laboratory (SSPL), etc. They are also recruited in space research centers and in research laboratories.

Higher education after B. Sc Physics increases the proximity to get in to a high destination job with rewarding compensation packages.