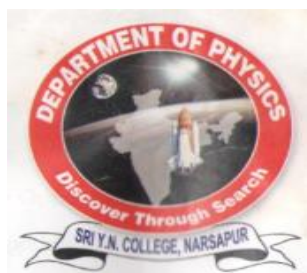




# **VALUE ADDITIONS**

## **2023-2024**



**DEPARTMENT OF PHYSICS**

**SRI Y.N.COLLEGE (A)**

**NARSAPUR**

# **DEPARTMENT OF PHYSICS**

## **VALUE ADDITIONS**

### **2023-2024**

#### **SEMESTER – I**

1. Introduction to space science
2. Mangalyan
3. Chandrayan
4. Mars Mission

#### **SEMESTER – II**

1. Ocean Waves & Circulation
2. Tsunami & Gravity Waves
3. Monsoons in Summer & Winter

#### **SEMESTER – III**

1. Applications of lasers
2. Fiber Optics in Communications
3. Nano Technology

#### **SEMESTER – IV**

1. Global Warming & Environmental Factors (Green Approach)
2. Climate Change
3. Depletion of Ozone Layer

#### **SEMESTER – V**

1. Boson's (God Particle)
2. Big Bang Theory
3. Elementary particles
4. Quantum Computers
5. Nobel Prize winners in Physics.
6. Electrical vehicles
7. Renewable energy-Solar energy
8. Low temperature Physics-Refrigeration and Air conditioning