

# **ASTROPHYSICS**

COORDINATOR: LAILA M

DURATION: 3 MONTHS

YEAR: 2017-2018

ELIGIBILITY: PLUS TWO

## **MODULE 1: (10 HOURS)**

**Astronomy and cosmology, our galaxy, galaxy types, co ordinates and catalogues of astronomical objects.**

## **MODULE 2: (10 HOURS)**

**Classification of stars, stellar evolution, white dwarfs, neutron stars, black holes, super nova explosion, dark energy**

## **MODULE 3: (10 HOURS)**

**Sun spots and solar storms, sun spots and solar activities, solar wind**