

VISION : Enlightenment Through Education,
Strength Through Organization.



SREE NARAYANA COLLEGE KANNUR

ACCREDITED BY NAAC WITH 'A' GRADE (AFFILIATED TO KANNUR UNIVERSITY)

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FIELD WORK 2023-24

DEPARTMENT OF PHYSICS

SREE NARAYANA COLLEGE, KANNUR

POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS

Field Trip 2023-24

The Radio Astronomy Centre (RAC) is part of the National Centre for Radio Astrophysics (NCRA) of the well-known Tata Institute of Fundamental Research (TIFR) which is funded by the Government of India through the Department of Atomic Energy. The Ooty Radio Telescope (ORT) is located in Muthurai near Ooty, in southern India. It is part of the National Centre for Radio Astrophysics (NCRA) of the Tata Institute of Fundamental Research (TIFR), which is funded by the Government of India through the Department of Atomic Energy. The radio telescope is a 530-metre (1,740 ft) long and 30-metre (98 ft) wide cylindrical parabolic antenna. It operates at a frequency of 326.5 MHz with a maximum bandwidth of 15 MHz at the front end. The Ooty Radio Telescope has been designed and fabricated with domestic Indian technological resources. The ORT was completed in 1970 and continues to be one of the most sensitive radio telescopes in the world. Observations made using this telescope have led to important discoveries and to explain various phenomena occurring in the solar system and in other celestial bodies.



