

## **Department of Physics**

### **Report to Fieldvisit/Industrialvisit**

#### **“A visit to the Radio Astronomy Centre and Cosmic Ray Laboratory in Ooty”**

The Department of Physics of Kandaswami Kandar's College organized one day industrial visit to Radio Astronomy Centre and Cosmic Ray Laboratory – Ooty on 17-02-2023. It was organised with prior permission of Joint Director of Collegiate Education and Guidance with the Principal of our college and HOD of Physics. The UG and PG Physics, Research scholars of 45 students participated in this visit along with the HOD of Physics Dr.K.Selvaraju, the staff members Mr.N.Senguttuvan, Dr.K.Ravichandran, Mrs.P.Jayalakshmi, Mrs.R.Meenashi and Lab Assistants.

The Radio Astronomy Centre and Cosmic Ray Laboratory is the well known Tata Institute of Fundamental Research Centre, funded by The Government of India the Department of Atomic Energy.






For the field visit, a bus was used, which leaving from Kandaswami Kandar's college, Velur around 03.00 am (17.02.2023). The Field visit team reached Ooty around 9.30 am. After refreshment, the students and staff members reached **Cosmic Ray Laboratory** at 10.30 am. A scientist working in the laboratory explained the working of every component present in the Centre. This extends till 01.00 pm. After the students and staff members had their lunch in the same campus which we brought with us. Around 02.00 pm we visited the **Radio Astronomy Centre** and the students gained knowledge about the celestial bodies and the cosmic radiations reaching the earth from outer space till 04.00 pm. The visit was very useful to enrich the technical knowledge about Space physics / Astronomy for Physics students. Then the students and staff members visited Ooty Botanical Garden.

After Lunch the students visited the Historical temple at Mahabalipuram. Then the students and staff members visited Gandhi Mandapam.

After dinner, the students and staff members leaving from Chennai (8.00 pm) and reached Kandaswami Kandar's college campus around 6.00 am (11.02.2024). The students and staff members finished the Field visit successfully and reached the college campus safely.

The Industrial visit helped the students to enrich the technical knowledge of space physics and Astronomy. It is also very useful to gain knowledge on Universe. The trip served as a valuable educational experience, broadening our perspectives and enriching our understanding of Solar Physics.

  
Dr. K. SELVARAJU, M.Sc., M.Phil., Ph.D  
HEAD, Department of Physics,  
Kandaswami Kandar's College,  
(Govt. Aided Accredited by NAAC)  
VELUR 638 182. Namakkal Dt.

  
Coordinator  
Internal Quality Assurance Cell (IQAC)  
Kandaswami Kandar's College  
Velur 638 182. Namakkal Dt.

  
PRINCIPAL  
Kandaswami Kandar's College  
Velur (Po.), Namakkal (Dt.)  
Pin : 638 182

