

Shri R. L. T. College of Science Akola

Sky Observation Club, RLT-SOC

Report 2017-18

The Sky Observation Club of Shri R.L.T. College of Science, Akola (RLT-SOC) is a college-level organization working for amateur Sky lover students and Astronomy interested persons. The main objectives of SOC are that the students and the staff members of the college should know about the subject of Astronomy and to create interest in it by actually observing the celestial bodies in the sky and to motivate the students towards research and knowledge in the field of Physics, Astronomy and the deep subject like General Relativity. Interested students from all the classes particularly from B.Sc.I and B.Sc.II students are made members of the club by filling up an entry form with the undertaking of attending all the sessions and various programs of night vision of celestial atmosphere were arranged for students and staff of the college.

- This year 40 students are enrolled and their roll list is prepared. Regular meetings, guidance classes, and various activities are held throughout the session.
- An 'Astronomical Gallery' was proposed to form in the college to impart knowledge by exhibiting telescopes and other astronomical objects, models, and pictures for viewers.
- It was decided to take a regular meeting of observer students and members every Tuesday at 3.00 pm. There are four meetings that were held on dated 15, 22, 27, and 28 Feb 2018.
- In these meetings, the astronomy projects like Phase of the moon observation, and measurement of the diameter of the sun and moon were distributed to the SOC students and were guided for their performance under the guidance of Prof. S.R. Jaiswal.
- Star Dials were provided to all the observers of the club. A program on 'Setting of a telescope and the use of Star-Dial' was arranged on 15/2/2018 in room No. 21 under the guidance of Dr. S.W. Bhaware, Prof. R.B. Ghayalkar, and Prof. S.R. Jaiswal.
- A Sky observation session was arranged on national science day 28 Feb 2018 at 7:30 pm. under the guidance of Prof. R.B. Ghayalkar and Prof. S.R. Jaiswal. The spot for the telescope setting was selected on the terrace of Wing-D. The telescope was set by Prof. R.B. Ghayalkar and Prof. S.R. Jaiswal and the moon and the 'Star-Bright' Serious were viewed. Prof. R.B. Ghayalkar also gave detailed practical information about the conditioning of eyes and the use of star dial. A number of constellations and stars were introduced by Prof. Jaiswal. About 35 viewers took benefit from the program.
- The club decided to observe some planets namely Jupiter, Mars, and Saturn in the last week of April 2018 at 5 a.m. on new moon day.

PHOTO GALLERY



STAR GAZING PROGRAM AT NIGHT

Dr. V. D. Nanoty
Principal