

17.07.2023

Re-Constitution of

Amateur Astronomy Club:-

Chairman

Principal

Member Secretary / Coordinator

Mrs. Vanitha R, Assistant Professor/ECE - 99761 38839.

Members (Teachers)

Mr. Suresh Kumar P, Assistant Professor/ECE - 99443 82829.

Mr. Raja Gopal TKP, Assistant Professor/CSE

Ms. Sumithasree M, Assistant Professor/English

Mr. Alex Livingston, Assistant Professor/Civil

Ms. Sumathi E, Assistant Professor/English

Mr. Tamilvendan, Assistant Professor/Aero

Members (Students)

S. No	NAME	Dept/Year
1.	BHARATH KUMAR S	ECE/IV
2.	ANTAROSHYLA S M	ECE/ IV
3.	JEEVAVARSINI P	ECE/ IV
4.	DEVA PRIYA S	ECE/III
5.	HARINIYA S	ECE/III
6.	AKASH S M	ECE/III
7.	JANAKIRAMAN V	ECE/II
8.	GOPIKA R M	ECE/II
9.	SUBEESH B	ECE/II
10.	SUBASH M	ECE/II

Objectives

- To develop scientific temper among students.
- To ensure and encourage to become Amateur Astronomers.



- Study the vastness of the universe.
- Understand the features of different numbers of the solar system.
- Understand the basic concepts of science used in astronomy.
- Arouse the interest in observing astronomical events and phenomenon around us.
- Understand the phenomenon of eclipses.
- Develop the skills to use telescope.
- Identify various celestial bodies like stars, constellations and planets in the real night sky.

Activities

- Introductory Workshop: Including introduction to instruments and computer software as well as basic concepts of astronomy.
- Demonstration on Sky gazing.
- Star Gazing on select nights.
- Covering Special occurrences such as eclipses, transits etc.
- Special Workshops for school children.
- Outing/Camping : At suitable locations for night observations.

Meeting

- Chairman Meeting once in a Semester
- Coordinators Meeting twice in a Semester
- Meeting with members twice in a Semester
- Meeting with Student members twice in a Semester

Events planned

Sl. No.	Date	Astronomical Event occurring	Event to be organized
1.	29.07.2023 30.07.2023	Delta Aquarids Meteor Shower- The Delta Aquarids is an average shower that can produce up to 20 meteors per hour at its peak. It peaks this year on the night of July 29 and morning of July 30. The nearly full moon will block most of the fainter meteors this year.	Quiz
2.	24.08.2023	Moon Occults Antares- The Moon pass in front of the bright star Antares in the constellation Scorpius. This rare event will happen at 10:29 PM (02:29 UTC) and will be visible in the central US and northern Florida.	Webinar / Quiz
3.	23.09.2023	September Equinox- The September equinox occurs at 06:43 UTC. The Sun will shine directly on the equator and there will be nearly equal amounts of day and night throughout the world. This is also the first day of fall (autumnal equinox) in the Northern Hemisphere and the first day of spring (vernal equinox) in the Southern Hemisphere.	Quiz

4.	22.12.2023	December Solstice. The South Pole of the earth will be tilted toward the Sun, which will have reached its southernmost position in the sky and will be directly over the Tropic of Capricorn at 23.44 degrees south latitude.	Quiz
5.	20.03.2024	March Equinox. The March equinox occurs at 03:01 UTC. The Sun will shine directly on the equator and there will be nearly equal amounts of day and night throughout the world.	Webinar / Quiz
6.	08.04.2024	Total Solar Eclipse. A total solar eclipse occurs when the moon completely blocks the Sun, revealing the Sun's beautiful outer atmosphere known as the corona. This is a rare, once-in-a-lifetime event for viewers in the United States.	Quiz
7.	09.05.2023	Mercury at Greatest Western Elongation- The planet Mercury reaches greatest western elongation of 26.4 degrees from the Sun. This is the best time to view Mercury since it will be at its highest point above the horizon in the morning sky	Quiz

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Member Secretary / Coordinator

[Signature]
PRINCIPAL

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