

**Rayat Shikshan Sanstha,
Arts, Science & Commerce College Ramanandnagar (Burli)
Department of Physics
2020-21
GEMINID METEOR SHOWER & SKY OBSERVATION EVENT**

Brief Report

To witness the heavenly Geminid Meteor shower and for sky observation, department of Physics had organized a sky observation activity for Science students of Arts, Science and Commerce College, Ramanandnagar, junior college and high school (Gurukul Sankul, Bambavade) students on 13th December 2020 as an extension activity at Gurukul Sankul, Bambavade. The event was inaugurated by Head of the Physics Department Dr. Vanita Raut. While addressing the students, she highlighted importance of Geminid meteor shower in Physics community and various other activities conducted by department of physics for enriching students skills and understanding of Physics.

In this activity, guidance on sky watching and reading was given by an invited team of Space enthusiasts viz; Ms. Sakshi Nigavkar, Ms. Neha Chavan, Ms. Aarati Kokate, Ms. Pratiksha Shinde from School of Nanoscience and Technology, Kolhapur; Mr. Samyak Sambodhi, Mr. Amol Kamble, Mr. Anand Wadhve from Space Science Lab, Department of Physics, Shivaji University, Kolhapur and research Scholars in space science Mr. Nagesh Kothawle, Mr. Shridhar Kamble, Mr. Sunny Gurav from Space Science Lab, Department of Physics, Shivaji University, Kolhapur.

Major constellations like big dipper, Cassiopeia, Ursa major, Andromeda Galaxy; Pleiades and Hyades star clusters, Brightest Star Beetlejuice were shown. An 8 inches Antares telescope was used for focusing Mars, Saturn, Jupiter and Venus in the skies. Various reasons for meteor shower were told meanwhile. After guidance about Sky reading and working of telescope and its principle of focusing; student started Meteor shower observation activity. Meteor Shower activity was conducted till sunrise.

The valedictory function was conducted the next morning. It was presided by Mr. Jitendra Sankpal (Founder, Gurukul Sankul, Bambavade). He guided students about importance of excelling in various skills for career development and endurance. Dr. Gauri Patil (Assist. Prof. in Physics), Ms. Namrata Kamble (Assist. Prof in Physics) A.S. C. College, Ramanandnagar and Mr. Yadav Sir (Gurukul Sankul Bambavade) looked after management of the activity.

Outcomes :

1. A scientific attitude was built in students for observing activities occurring all around.
2. Students received hands on training of handling a Newtonian and Galilean telescope for space activities.
3. Boosted interest in field of space science

Beneficiaries :

A total of 47 Students (15 students from A.S.C. College, Ramanandnagar and 32 students from Gurukul Sankul, Bambavade).
Five teachers



K. K. Kulkarni
Event Co-ordinator

V. Raut
Head
Department of Physics
Arts, Science & Commerce College,
Ramanandnagar (Burli)

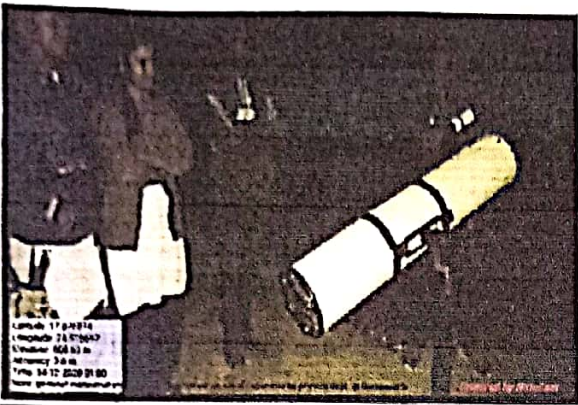
D. K. Kulkarni
Principal
Arts, Science & Commerce College,
Ramanandnagar (Burli)



Inaugural function of sky observation activity



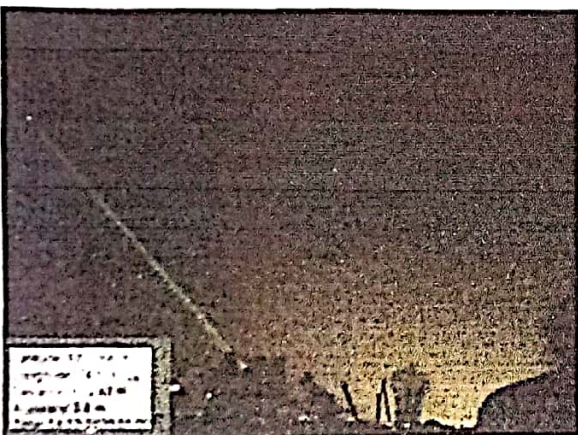
Students observing mars through telescope



Experts Setting telescope



Antares 8 inches telescope used for



Expert guiding students about locations of stars



Valedictory function of the event

K. S. Srinivas
Event Co-ordinator

P. S. Srinivas
Head
Department of Physics
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