

**Rayat Shikshan Sanstha,  
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli).  
Department of Physics  
2021-22  
NIGHT CAMPING FOR GEMINID METEOR SHOWER  
& SKY OBSERVATION**

**REPORT**

To witness the heavenly Geminid Meteor shower and for sky observation Department of Physics had organized a sky observation activity for students of B. Sc I, B. Sc II and B. Sc III (Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)) on 11<sup>th</sup> December 2021 as an extension activity at Gurukul Sankul, Bambavade. The event was inaugurated by Head of the Department Dr. G. R. Patil. While addressing the students Event Co-ordinator Ms. N.J. Kamble 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; research Scholars in space science Mr. Nagesh Kothawle, Mr. Shridhar Kamble, Mr. Sunny Gurav from Space Science Lab, Department of Physics, Shivaji University, Kolhapur, Ms. Sakshi Nigavekar, 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.

Major constellations like big dipper, Cassiopeia, Ursa major; Andromeda Galaxy and Pleiades and Hyades star clusters, Brightest Star Beetlejuice were shown. An 6 inches 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 valedictorial 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. Event Co-ordinator Dr. N. J. Kamble, Mr. Prashant Bhagyawant looked after management of the activity.

**Outcomes :**

1. A scientific attitude for observing activities occurring all around was built in students.
2. Students received hands on training of handling a telescope for space activities.

**Beneficiaries :**

A total of 07 Students from third year Physics and Gurukul Sankul Bambavade were present for the sky observation event.

  
Event Co-ordinator

  
Head,  
Department of Physics  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)

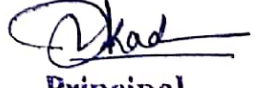
  
Principal,  
Dr. Patangrao Kadam Mahavidyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.



Image of moon captured through telescope



Inauguration of Sky observation event



Event coordinator Ms. N. J. Kamble guiding students



Experts team and Students with telescope



Valedictory function of night sky observation



Space enthusiast Mr. Samyak Sambodhi guiding students