

Report on Sky observation programme -2022

Date: 28/11/2022



**Organized by :
Department of Physics
Bhatler College, Dantan
Paschim Medinipur
West Bengal 721426**

Introduction:

The sky is an unobstructed view upward from the surface of the Earth. It includes the atmosphere and outer space. It may also be considered a place between the ground and outer space, thus distinct from outer space.

In the field of astronomy, the sky is also called the celestial sphere. This is an abstract sphere, concentric to the Earth, on which the Sun, Moon, planets, and stars appear to be drifting. The celestial sphere is conventionally divided into designated areas called constellations. The daytime sky appears blue because air molecules scatter shorter wavelengths of sunlight more than longer ones (redder light). The night sky appears to be a mostly dark surface or region spangled with stars. The Sun and sometimes the Moon are visible in the daytime sky unless obscured by clouds. At night, the Moon, planets, and stars are similarly visible in the sky.

Some of the natural phenomena seen in the sky are clouds, rainbows, and aurorae. Lightning and precipitation are also visible in the sky. Certain birds and insects, as well as human inventions like aircraft and kites, can fly in the sky. Due to human activities, smog during the day and light pollution during the night are often seen above large cities.

Importance of sky observation :

The sky gives us directions, points out paths with its stars and constellations. And it still makes us want to take flight to reach the unknown that fascinates us... go to the Moon, go to Mars, go further.

The Department of Physics organized sky observation programme -2022 under the guidance of Dr. Makhanlal Nanda Goswami, Associate professor, and Coordinator, N.C. Rana Sky Observation CentreMedinipur college (Autonomous) . Dr. Pabitra Kumar Mishra, was the Patron (Principal, Bhattar College, Dantan), Dr. Kriti Ranjan Sahu (Assistant Professor and HoD) was the Convener and Prof. Tapas Kumar Chanda (SACT) was the Organizing Secretary. Prof. subhash Chandra Sen, Prof. Bishnupriya Jana and Prof. soumya Das were the organizing members of this extension activity. Total seventeen (20 students) and seven (10) teachers were participated in this event.

Dr. Makhanlal Nanda Goswami, delivered the lectures on the topic **“How observed the Sky through a Telescope”**. Further. It was a nice interactive and knowlegible session for students.



BHATTER COLLEGE, DANTAN

NAAC Accredited 'A' Grade College



Ref. No.BC373/22

Date 24.11.2022

From : The Principal
Bhatter College, Dantan
Dantan, Paschim Medinipur.

To : Dr. Makhanlal Nanda Goswami
Associate Professor,
Dept. of Physics and Co-ordinator,
N.C. Rana Sky Observation Centre
Medinipur College (Autonomous),
Medinipur, WB

Sir,

It's a pleasure for us to inform you that we are going to organize a Sky Observation Programme – 2022 and a Special Lecture on 28th November, 2022 at 3.30 p.m., in our college. Students and teachers from different academic institutions will participate in this Programme.

We, on behalf of our organization, would like to request you to remain present as a Resource Person in this programme. We fervently hope not to be denied the favour of kind consent regarding your valuable deliberation.

Your innovative exploration in related fields as well as the charm of your approachable personality has prompted us to make this request. Your bright presence and valuable presentation, we do believe, will lead the whole auditorium to a better understanding of the related aspects to the topic and inspire us in organizing such intellectual deliberations in the future.

We solicit your gracious presence on this occasion. Please go through the attachments.

With warm regards,

Yours faithfully,

(Dr. P. K. Mishra)
Principal,
Bhatter College, Dantan
Dantan, Paschim Medinipur

Notice No. 416

Date: 24.11.22

It is hereby notified that a Sky Observation Programme-2022 along with a Special Lecture will be held on 28th November 2022 (Monday) at 3.30 p.m. in the seminar hall, organised by the Dept. of Physics, Bhatler College, Dantan. All the interested staff and students are requested to attend the programme.

Programme schedule:

Special Lecture: 3.30 p.m. to 4.30 p.m. (at Seminar Hall)

Lecture on "A brief description about the astrophysics and how to observe the sky through a Telescope" delivered by Dr. Makhanlal Nanda Goswami, Asso. Prof. of Physics, and co-ordinator of N.C. Rana Sky Observation Centre, Midnapore College (Autonomous), West Bengal.

Sky observation through a Telescope: 5.30 p.m. to 7.30 p.m. (fourth floor or sports ground) (Guided by Dr. Makhanlal Nanda Goswami)

Dr. P. K. Mishra
Principal
Bhatler College, Dantan
Dantan, Paschim Medinipur



Sky observation - 2022
Name of the Participants Institutions

Designation: contact no.
class (for studies) & email.

	Vivekananda Kan	Bhatter. C.D	Student 3rd sem	
2	Sandip Singha	Dantan High School	Parttime teacher	8116467730
3.	Somdeb Das Pal	Dantan High School	Student XI	876715533- 6
4	Debojyoti Dey	Bhatter. C.D	Student 1st sem	
5	Subhasis Pramanik	Bhatter C.D	Student	
6	Sangrajit Sarkar.	Bhatter College Dantan	Student 3rd sem	
7	Sarajib Paipa	Bhatter College Dantan		9832 99 7322
8	Suvankar Dey	Dantan High School - HS	Student XI	861767 5131
9	Sourav Das	Belda gangadh acadamy	Student XI	7097189898
10	Anasuya Rana	Dantan High School	Student of XI	9609491560



sky observation - 2022

	Name of the Participant	Institution	Designation / class / section	Contact No. & Email
	Sucheta Das Adhikary	Dantam High School	XI	9382540752
12	Sayantani Jana	Dantam Bhagabat Charan High School	XI	7076379023
13	Sanchita Pati	Dantam Bhagabat Charan High School	XI	7477535558
14	Rini Pati	Dantam Bhattar College	1st Semester	9883010118
15	Rahul Jankar	Dantam Bhattar College Bhagbat Charan High School	XI	9382566110
16	Arjit Dey	Dantam High School	XI	9339043736
17	Swasti Jipan Das	Dantam Bhagbat Charan High School	XI	8389965199
18	Sibam Majhi	Dantam Bhagbat Charan (H.S)	XI	9167340657
19	Sukanta Das	Dantam Bhattar College	3rd Sem	8597644703
20	Sanjana Shee	Bhattar College Dantam	5th sem	7477426587
21	Abhijit Barua	Dantam Bhagbat Charan High School	XI	7810906639
22	Swastika Saha	Dantam Bhagbat Charan High School	XI	8250428772
23	Mitali Pramanik	Dantam Bhattar College	1st semester	9749597020
24				



Sky observation - 2021

S.No.	Name of the Participant	Institution	Designation/ class (for student)	Contact no. & E-mail.
25	Dr. Kirti Ranjan Sahu			
26	Bishnupriya Jana	Bhatten college Dept. of physics	SACT-II	8116860976 janabishnupriya @gmail.com
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Inaugural and Lecture session in Seminar Hall at Bhatker College, Dantan



Sky observation moment(Guided by Dr. Makhanlal Nanda Goswami) at Bhattar college,Dantan



SOP-2022

28th November, 2022

Sky observation programme -2022

আকাশ পর্যবেক্ষণ কর্মসূচি

CERTIFICATE OF PARTICIPATION

This is to certify that

SANCHITA PATI

of

Dantan Bhagabat Charan High School, Dantan, Paschim Medinipur, West Bengal

has successfully participated in the Sky observation programme -2022(SOP-2022) organized by Department of Physics, Bhatker College, Dantan, Paschim Medinipur, West Bengal 721426, on 28th November, 2022.

Dr. Pabitra K. Mishra

Principal

Bhatker College, Dantan, W.B., India

Dr. Kriti Ranjan Sahu

Convener of SOP

& Asst. Prof. of Physics, (HoD)
Bhatker College, Dantan, W.B., India



SOP-2022

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Sky observation programme -2022

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Sky observation programme -2022

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SOURAV DAS

of

Belda Gangadhar Accadamy, Belda, Paschim Medinipur, West Bengal

has successfully participated in the Sky observation programme -2022(SOP-2022) organized by Department of Physics, Bhatker College, Dantan, Paschim Medinipur, West Bengal 721426, on 28th November, 2022.

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SOP-2022

28th November, 2022

Sky observation programme -2022

आकाश पर्यवेक्षण कर्मसूचि

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SUBHASIS PRAMANIK
of

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Bhatker College, Dantan, W.B., India



SOP-2022

28th November, 2022

Sky observation programme -2022

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This is to certify that

SUVANKAR DEY

of

Dantan High School, Paschim Medinipur, West Bengal

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Dr. Pabitra K. Mishra

Principal

Bhatker College, Dantan, W.B., India

Dr. Kriti Ranjan Sahu

Convener of SOP

& Asst. Prof. of Physics, (HoD)
Bhatker College, Dantan, W.B., India



SOP-2022

28th November, 2022

Sky observation programme -2022

আকাশ পর্যবেক্ষণ কর্মসূচি

CERTIFICATE OF PARTICIPATION

This is to certify that
VIVEKANANDA KAR

of

Bhatker College, Dantan, Paschim Medinipur, West Bengal

has successfully participated in the Sky observation programme -2022(SOP-2022) organized by Department of Physics, Bhatker College, Dantan, Paschim Medinipur, West Bengal 721426, on 28th November, 2022.

Dr. Pabitra K. Mishra

Principal

Bhatker College, Dantan, W.B., India

Dr. Kriti Ranjan Sahu

Convener of SOP

& Asst. Prof. of Physics, (HoD)
Bhatker College, Dantan, W.B., India