

SSES Amt's Science College, Congress Nagar, Nagpur

Department of Physics and Physics Space Explorer Club organized
A Sky Watching Program on 8th October, 2022

Session 2022-2023



Shri Shivaji Education Society Amravati's
Science College
Congress Nagar Nagpur
Accrediated with CGPA of 3.51 at A⁺ Grade



Department Of Physics
&
Shivaji Space EXPO CLUB

Date: 05-10-2022

All the faculty member, non-teaching staff and members of Shivaji Space EXPO CLUB are informed to attend the "Sky Watching Program" on 8 October 2022 evening at C- block terrace on 6:00 p.m. to witness Stunning Jupiter through Dobsonian Telescope.

Dr. S. W. Anwane
Professor and Head
Department of Physics
Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE
Congress Nagar, Nagpur.



Shri Shivaji Education Society Amravati's
SCIENCE COLLEGE
CONGRESS NAGAR, NAGPUR.



Attendance Sheet

Date : 08/10/2022

Time : _____

Event Name : A sky watching program

Sr. No.	Name	Year	Signature
1	Dr. Shahin Sayyad	Asst. Professor	AS
2	Mr. Bhupendra T. Kumbhase	Asst. Professor	CB
3	Dr. G. L. Jadhao	Asst. Professor	GD
4	Dr. S. V. Khangan	Asst. Professor	SK
5	Poojahi manish Rajdeo	Student	P. M. Rajdeo
6	Raj Vaishnavi Vinhad	—	P. V. Vinhad
7	Buha Apurva Tulch	—	SA Tulch
8	Gopate Parnima Prabha	—	SP Prabha
9	Gontak Ravjee Saroj	—	RS
10	Thakare Suhani Sakhadeo	—	S. S. Thakare
11	Thakur Kriti Ajitkumar	—	A. K. Thakur
12	Tonar Taha Alexanderkar	—	Floras
13	Tohse Suhani Anand	—	AT
14	Vyas Himansha makesh	—	Wasmal
15	wahare Premahsha Anil	—	wahare
16	wahare Tejasvi Aravin	—	Tejasvi
17	Wasmik Rutika Vinayak	—	Rutika
18	Borkar om Gautam	—	Om Borkar
19	Chandekar Kiranpreet Kaur	—	Chandekar
20	Dabey Isha Asham	—	Fulzele
21	Fulzele Kashish Gautam	—	Fulzele
22	Gowaldipe Kailash Parashottam	—	Hedoo
23	Hedoo Dhireoj Rajendra	—	Dhireoj Hedoo
24	Kamble Neeraj Ashok	—	Kamble Neeraj



Moon



Jupiter



Saturn

Enjoy a view of a waxing gibbous moon hovering near to the "king of the planets," Jupiter, the full moon of a day before Kojagiri Poornima and a gaze at Saturn

Jupiter may be the best planet for amateur astronomers to observe; viewers with small telescopes will be able to identify its bright moons, and its disk shows more illuminated surface area than all the other planets combined. A gaze at Saturn showing was also mesmerizing.

10" Dobsonian telescope with the principle parabolic mirror with a focal length of 1250 mm in combination with eyepieces bearing focal lengths 50 mm, 35 mm, 9 mm offering magnifications 25X, 36X, and 139X respectively offered a clear gaze at the moon's surface, its craters, Jupiter with its four moons and Saturn. The biggest planet in our Solar System is the gas giant Jupiter. This planet is so big that it would take around 1,300 Earths just to fill its volume! Jupiter has more than 11 times the diameter of Earth. Some scientists estimated that Jupiter were more than 70 times more massive. A photograph and a video depict the composite image of Jupiter and its 4 Galilean moons (From left to right the moons are Io, Europa, Ganymede and Callisto). All the assembled teachers and students enjoyed the gazing.

Action Taken: The department supports the Physics Space Explorer Club in organizing a successful sky watching program, promoting interest and engagement in astronomy and space exploration among students and faculty. Participants were invited to join the physics Space Explorer Club or attend future events. Hosting of a stargazing night or astronomy-themed event for the broader university or local community were considered. The event's success were shared with the university or college through a press release or newsletter.

**Shri Shivaji Education Society Amaravati's
Science College, Congress Nagar, Nagpur
Department of Physics**

A Sky Watching Program

8th October, 2022

Name of Teacher : Dr. S. W. Anwane

Feedback Form

Name of Student : _____

- 1) How clear were the instructions provided for the physics activities?
Excellent
Good
Average
Poor
- 2) How engaging did you find the physics activities?
Excellent
Good
Average
Poor
- 3) To what extent did the activities help you grasp the key concepts ?
Excellent
Good
Average
Poor
- 4) How appropriate were the difficulty levels of the physics activities for your current understanding?
Excellent
Good
Average
Poor

A Sky Watching Program



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- How engaging did you find the physics activities?
- To what extent did the activities help you grasp the key concepts ?
- How appropriate were the difficulty levels of the physics activities for your current

Dr A A Halder
Coordinator, IQAC
Science College,
Congress Nagar, Nagpur

Prof. M. P. Dhore
Principal
Science College,
Congress Nagar, Nagpur

