

Demo Day for Discovery: Celebrating National Science Day

Activity Report

Academic Year	2024-25
Program Driven by	Demo Day for Discovery: Celebrating National Science Day
Quarter	II
Program / Activity Name	Demo Day for Discovery: Celebrating National Science Day
Program Type	Demo Day for Discovery: Celebrating National Science Day
Program Theme	Innovation
Start Date	28-02-2025
End Date	28-02-2025
Duration of the Activity (in Mins)	15 hr
Number of Student Participant	100
Number of Faculty Participant	10
Number of external Participant	--
Expenditure Amount in Rs.	0
Any Remark	--
Mode of Session Delivery	Offline
Objective	
Benefit in terms of Learning / Skills / Knowledge obtained	
Feedback	
Video url (mp4)	
Photograph 1 (jpg)	Attached
Photograph 2 (jpg)	Attached
Overall report of the Activity (pdf)	As given below

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Report on Demo Day for Discovery: Celebrating National Science Day

Introduction

To celebrate National Science Day, a **Demo Day for Discovery** was organized at various schools, providing students with a unique opportunity to explore the wonders of science through interactive exhibits, experiments, and astronomical observations. The event aimed to ignite curiosity and scientific inquiry among young learners by incorporating hands-on demonstrations and space exploration activities.

Objectives

- To promote scientific thinking and curiosity among students.
- To provide a platform for students to present their scientific projects and experiments.
- To encourage hands-on learning and practical application of scientific concepts.
- To enhance awareness about space science and celestial bodies.
- To develop observational and analytical skills through telescope-based star gazing.

Event Highlights

The **Demo Day for Discovery** featured several engaging activities, including:

- **Science Model & Project Exhibition:** Students displayed innovative projects and working models showcasing scientific principles.
- **Live Demonstrations:** Hands-on experiments to illustrate key scientific concepts in physics, chemistry, and biology.
- **Poster Presentations:** Students visually represented their scientific ideas, discoveries, and research findings.
- **Astronomical Observation:** A special session where students viewed stars, planets, and celestial bodies through a telescope, accompanied by detailed explanations from experts.
- **Science Quiz & Debates:** Engaging discussions on recent scientific advancements and discoveries.
- **Innovation Ambassador Initiative:** A segment where Innovation Ambassadors mentored students on refining their projects and fostering creative problem-solving.

Telescope-Based Astronomy Session

A major highlight of the event was the **Astronomical Observation Session**, where students had the opportunity to witness celestial objects such as stars, planets, and constellations through a telescope. Experts explained various astronomical phenomena, including:

- The structure and lifecycle of stars.
- The significance of different constellations.
- Information about planets, moons, and other celestial bodies.
- The role of telescopes in space exploration.

Event Proceedings

The event commenced with an inaugural ceremony emphasizing the significance of National Science Day and its connection to scientific discovery. Distinguished guests, including educators and space science experts, addressed the students and encouraged them to explore the vastness of the universe.

Participants eagerly engaged in showcasing their projects, conducting experiments, and observing celestial objects. The enthusiasm and curiosity among students highlighted the success of the event.

Results and Recognition

Outstanding projects and contributions were recognized, with winners receiving certificates and prizes. Participation certificates were distributed to all students to encourage their continued interest in scientific exploration and discovery.

Conclusion

The **Demo Day for Discovery** successfully inspired students to engage with science in an interactive and exploratory manner. The telescope observation session provided a rare and exciting opportunity for students to witness the wonders of the universe firsthand. The organizing committee expressed gratitude to all participants, school authorities, and faculty members for their support in making the event a resounding success.









