



Report on Visit to Science Exhibition 2025–26

Introduction

OCER, Andheri, under the guidance of the IQAC Cell and the Science & Maths Club, organized a visit to the Science Exhibition 2025–26, which was conducted by the K/P East Ward and hosted by St. Arnold's High School & Junior College, Gyan Ashram Campus, Mahakali Caves Road, Andheri–Kurla Road, Mumbai–400093. The visit was held on 11th December 2025 and included enthusiastic participation from F.Y. B.Ed. and S.Y. B.Ed. students, accompanied by faculty members and coordinators of the Science & Maths Club and IQAC Cell. The exhibition was held under the central theme “STEM for Viksit Bharat.” The event showcased a variety of innovative models, experiments, and demonstrations created by school students with the aim of promoting scientific thinking and problem-solving for national development. Two esteemed faculty members, Dr. Vinayak Shinde and Dr. Veena Kasabe, were invited as judges for the exhibition, adding academic value and providing expert evaluation of the innovative science models presented at the event.

Objectives of the Visit

The main objectives of the educational visit were:

- To provide experiential learning beyond classroom boundaries through exposure to scientific models and demonstrations.
- To understand the role of STEM (Science, Technology, Engineering & Mathematics) in achieving the vision of *Viksit Bharat*.
- To encourage creativity, innovation, and inquiry-based learning among B.Ed. student-teachers.
- To help B.Ed. students analyze innovative teaching aids and develop effective teaching-learning materials.
- To observe practical applications of science concepts relevant to school curriculum.
- To promote scientific attitude, critical thinking, and curiosity among student-teachers.
- To align with B.Ed. curriculum requirements where preparation of teaching-learning resources, models, and instructional aids is a compulsory component.

Role of Judges

Two distinguished faculty members, Dr. Vinayak Shinde and Dr. Veena Kasabe, were invited as esteemed judges for the exhibition. They evaluated models based on innovation, scientific accuracy, presentation skills, practical utility, and relevance to the theme “STEM for Viksit Bharat.” Their participation added academic value and provided student participants with expert feedback and encouragement.

Highlights of the Visit

- Students explored a wide range of working and non-working models related to environmental science, robotics, health, sustainable energy, digital innovations, and classroom-friendly teaching aids.
- Interactive sessions allowed student-teachers to interact with young innovators and understand the creative process behind each model.
- Demonstrations such as solar energy devices, water purification systems, AI-based tools, and eco-friendly innovations were especially noteworthy.
- The exhibition facilitated hands-on learning, helping student-teachers link theoretical knowledge with real-life applications.
- The visit contributed significantly to the development of scientific temperament, problem-solving ability, and pedagogical insight among B.Ed. students.

Educational Significance

The visit proved highly beneficial as the B.Ed. curriculum emphasizes the preparation of innovative teaching models, low-cost teaching aids, and instructional resources. Exposure to a variety of science models helped student-teachers:

- Understand practical methods of model-making
- Gain insights into demonstration-based pedagogy
- Identify creative ways to simplify complex concepts for school students
- Reflect on how STEM education can guide India towards becoming a Viksit Bharat

Conclusion

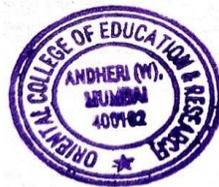
The Science Exhibition Visit 2025–26 was an enriching learning experience for all student-teachers. It successfully achieved the objectives of promoting scientific curiosity, innovation, and pedagogical understanding. The presence of Dr. Vinayak Shinde and Dr. Veena Kasabe as judges further strengthened the academic relevance of the event. The visit not only enhanced students' knowledge but also motivated them to incorporate innovative teaching models into their future teaching career. Overall, it was a meaningful, inspiring, and impactful educational journey.



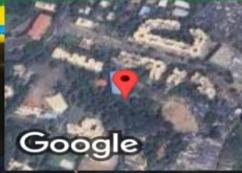
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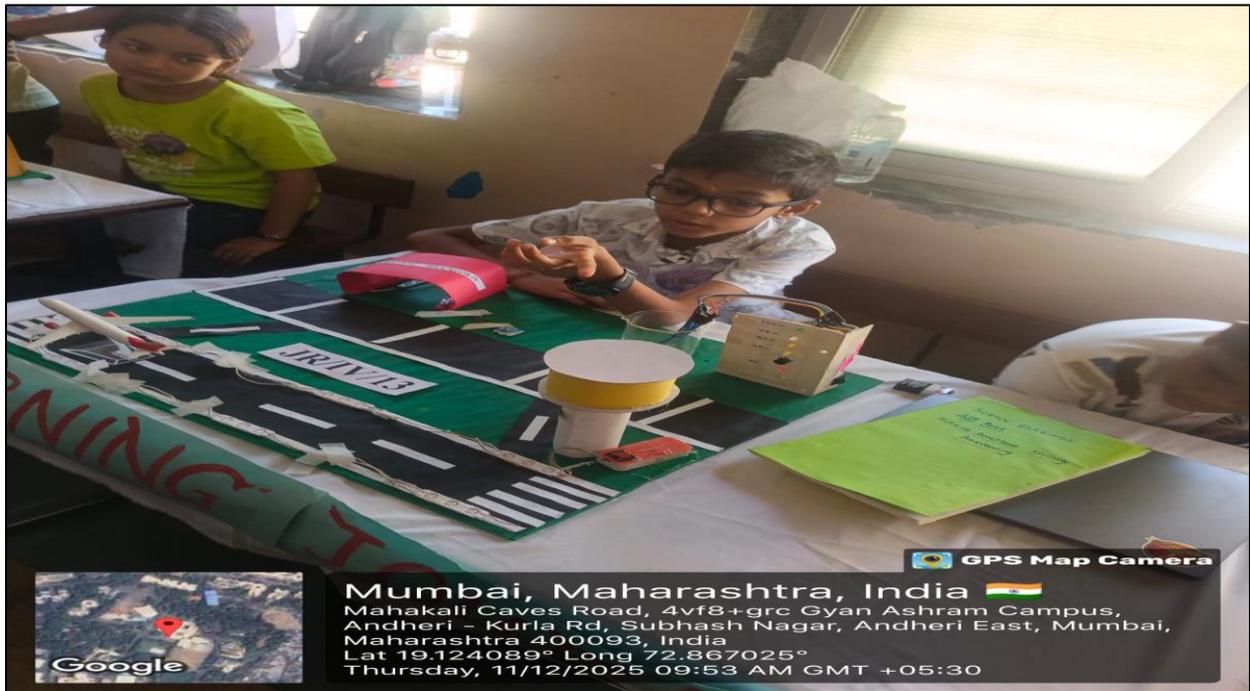




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