



THE BISHOP'S CO-ED SCHOOL, UNDRI

REPORT ON SCIENCE DAY 2023



Science, education, research and innovation are the four pillars on which the development as well as the work culture of a nation rests.

- **Pranab Mukherjee**

"Science Day", a much-awaited event of the year, was celebrated on the **31st of January** and the **1st of February 2023**.

As part of the National Science Day, a Science Exhibition was organised in the Exam Hall. It was inaugurated by our Head Master, Mr. Russell and our Supervisor Mrs. Fernandes, in the presence of all the science teachers and the participants.

The theme of Science Day this year was **"Global Science for Global Wellbeing"**

The enthusiastic students of classes 8 and 9 presented a skit by taking the young audience back in history and introducing them to the discoveries and inventions of the Indian Scientists like Sir C. V. Raman, Aryabhata, Subrahmanyan Chandrasekar and not to forget our very own Missile Man- Dr APJ Abdul Kalam.

The young and budding scientists of our school showcased their scientific temperament by presenting various static and working models. 157 students from classes 6 to 9 displayed their innovative creations.

Around 65 exhibits were displayed in the event. The exhibits not only comprised of **Physics, Chemistry** and **Biology** models but also **Mathematical games** (Prime Numbers & Day of the Calendar), **Vedic Math** (Multiplication of any number by 11 and vertical and cross method) as well as **Robotics**. This year we had some very interesting exhibits like the **Hydraulic Labyrinth, Heart Pumping Organ, Waste water treatment plant, Elephant paste, Bluetooth controlled car, A miniature of the Future Green city** to name a few. We also had a special treat for the students. **Yes!** You guessed it right, we had some winners too. Thus, at the end of the exhibition, upon careful inspection of the different models and projects, **Mr. Sharma** and **Mrs. Paryani** from the Junior College, selected three best exhibits from each of the three streams of sciences. I must mention here that they had a really tough time selecting the winners.

The hard work and efforts put in by the students as well as the teachers in-charge in making this event a grand success was much appreciated by Our Principal, Head Master and Supervisor.

The students who viewed the various projects and experiments had a wonderful learning experience. Everyone who participated in the exhibition were given certificates for their excellent efforts.

I would like to end the report with a quote by **Brian Greene**

"Science is a way of life. It is a perspective. Science is the process that takes us from confusion to understanding in a manner that's precise, predictive, and reliable – a transformation, for those lucky enough to experience it, that is empowering and emotional."

The Winners for various categories were as follows:

CHEMISTRY

POSITION	TOPIC	NAMES OF STUDENTS
1	HYDROGEN FUEL CELL	ARANKA KODE – IX C
2	CHROMATOGRAPHY	AMEYA HENDRE – VII F SHLOK DAREKAR - VII F PRATIK JAIN - VII F
3	WATER HOLDING CAPACITY OF SODIUM POLYACRYLATE	SUJAL KOKATE – IX C PARIKSHIT PATEL – IX C

PHYSICS & ROBOTICS

POSITION	TOPIC	NAMES OF STUDENTS
1	WIND TUNNEL	ZOHAIR VADIWALA - IX D HAMZA MANASWALA - IX E SHOURYA MOGALE - IX B
2	HYDRAULIC LIFT	AHANA BANDYOPADHYAY - VI A SAIYAM RAKHECHA - VI A ANSHUMAN RAUT - VI A
	LAZER SECURITY	NAQIYAH BORSADWALA - VI G AGABOLI KULKARNI - VI G
3	HOLOGRAM	NIAH MEHER -IX G VEDA TOKE - IX D PARSHVEE SHAH - IX A
	ROVER	ABUL MAHFOOZ – VII E VIHAAN BATWAL – VII E

BIOLOGY

POSITION	TOPIC	NAMES OF STUDENTS
1	THE HUMAN SYSTEM	ASHMIRA SHEKASON – IX E RIYA BENDBHAR - IX E VAIBHAVI PRASAD - IX E
2	TO MEASURE LUNG CAPACITY	SAADIYA KHAN – IX F RAJESHWARI JAMDADE - IX F NAMRA SHAIKH - IX C
3	WORKING OF EAR AND HEARING AID	ANVI MISHRA – VII I SUKHMANI GAMBHIR - VII I AKSHARA RAINA - VII I



Report by:

Mrs. R. Roy



