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Report of CPEX-2024 (Cluster Level Competition)

Navyug Science College, Surat, in collaboration with the Indian Association of Physics Teachers (IAPT) RC-7, Gujarat, organized the Competition on Innovative Experiments (CPEX)-2024 on 15th February 2024 1:00 PM. The event aimed to promote innovation and scientific exploration among students in the South Gujarat Cluster Level. Thirteen experiments, comprising working models and computational projects, were showcased by 12 undergraduate teams consisting of 20 students and one school team consisting of 2 students.

The CPEX-2024 competition witnessed enthusiastic participation from students eager to demonstrate their scientific prowess. The event served as a platform for budding scientists and innovators to exhibit their ingenuity in various fields of physics.

Principal Dr. Ashwinbhai S. Patel and Head of Physics Department, Prof Anil N. Bhatt welcomed the participants, other students and staff along with the judges. Dr. Ashwinbhai Patel delivered a speech in which he articulated the significance of innovation in our daily routines.

The competition was adjudicated by esteemed judges:

- Prof. Viresh Thakkar, Sir P.T. Sarvajani College of Science, Surat.
- Dr. Niket Shashtri, Sarvajani College of Engineering and Technology, Surat.

The judges carefully evaluated each presentation and selected outstanding teams to represent the South Gujarat Cluster Level at the State level. The following students were chosen:

Experimental Presentation (UG):

- Harsh Pandya and Sanskruti Pati from Sir P.T. Sarvajani College of Science, Surat.
- Harishree Patel and Saiyed Ayaan Lightwala from Navyug Science College, Surat.

Experimental Presentation (School Level):

- Bhavya Bhagatwala and Rishika Shobhit Das from L.P. Savani International School, Surat.

Computational Presentation (UG):

- Ayush Panchal and Pradyuman Patel from Navyug Science College, Surat.

Prof Anil N. Bhatt delivered vote of thanks at the valedictory function and expressed his gratitude towards IAPT and ones present for the successful organization of the event. The CPEX-2024 competition showcased the innovative spirit and scientific acumen of the participating students. The selected teams demonstrated exceptional talent and dedication, earning the opportunity to compete at the State level. Such initiatives play a crucial role in nurturing a culture of innovation and excellence in the field of physics education.

We extend our congratulations to all participants and wish the selected teams success in their endeavours at the State-level presentation.

