

## **AARAMBH'24: A Remarkable Social Initiative**

On September 14, 2024, the Institute of Electrical and Electronics Engineers MANIT Student Branch (IEEE-MSB) organized AARAMBH'24, a significant social initiative aimed at inspiring underprivileged students by introducing them to the captivating world of science, technology, and career guidance. This year's event took place at Govt. Sardar Patel High School and Govt. Higher Secondary School, Surajnagar, with a focus on engaging students from classes 6 to 12.

### **Objective**

The primary goal of AARAMBH'24 was to provide a platform where students could explore different career options, gain hands-on experience with scientific concepts, and understand the importance of mental wellness. The initiative was designed to ignite curiosity among young minds, equip them with knowledge, and inspire them to envision a brighter future.

### **Key Activities**

#### **1. Scientific Experiments and Demonstrations:**

The event featured hands-on experiments that made learning science interactive and fun.

- Orange Sink Experiment: Students explored density by observing how a whole orange floated in water due to trapped air, while a peeled orange sank, illustrating the concept of buoyancy.
- Balloon-Powered Car: To demonstrate Newton's Third Law of Motion, students built cars propelled by balloons. As the air was released, it pushed the car forward, showing how action and reaction forces work.
- Water Bottle Pressure Experiment: Students learned about pressure by observing water flow from holes at different heights in a bottle, with the lower hole releasing water faster due to greater pressure.

These simple yet effective experiments made complex concepts easy to understand and sparked enthusiasm for science.

#### **2. Career Guidance Session:**

A special session focused on career guidance was organized for students in classes 10 and 12, providing them with insights into various career paths, both in the science and technology fields and beyond. The discussion also covered various government schemes and scholarships available to support students in their higher education and career pursuits. Students were encouraged to ask questions, and personalized advice was given to help them plan their academic and professional futures.

#### **3. Mental Wellness Programs:**

The event emphasized the importance of maintaining mental wellness. Students were taught simple techniques to manage stress and stay mentally healthy while juggling their academic and personal lives. Discussions on mental health helped students understand the importance of a balanced mind, especially in the fast-paced academic environment.

#### **4. Recreational and Creative Activities:**

To complement the academic and career-focused sessions, students engaged in creative activities such as writing about their best buddies and highlighting the good qualities of each individual. Additionally, students participated in a fun activity where they distributed smileys to their peers, fostering an atmosphere of positivity and appreciation. These activities encouraged teamwork, self-reflection, and bonding, ensuring a relaxed and joyful atmosphere throughout the day.

#### **5. Plantation Drive:**

The event also featured a plantation drive, during which students planted saplings around the school premises. This initiative not only promoted environmental awareness but also provided a meaningful way for students to give back to their community, contributing to a greener and healthier environment.

#### **Kadam Foundation's Contribution**

The Kadam Foundation played a crucial role in enhancing the event by donating 150 sets of essential stationery items, including notebooks, erasers, pencils, and crayons. This generous contribution greatly supported the students' educational journey, ensuring they had the tools necessary to excel in their studies.

#### **Participation and Impact**

The event witnessed active participation from over 300 students across both schools. The enthusiasm and curiosity displayed by the students were a testament to the success of the initiative. AARAMBH'24 provided these young minds with not only knowledge but also inspiration to pursue their passions in science, technology, and beyond.

#### **Conclusion**

AARAMBH'24 was a resounding success, thanks to the dedication and hard work of the IEEE-MSB team, the generous support of the Kadam Foundation, and the active participation of the students and teachers. The initiative empowered students by providing them with essential knowledge, guidance, and resources to navigate their future academic and career paths.

Through initiatives like AARAMBH'24, IEEE-MSB continues to strengthen its commitment to community development and nurturing young talent, with the hope of creating a brighter and more informed future generation.