

## Report

**08 December 2023** : In a bid to nurture scientific curiosity and foster a spirit of inquiry among students, Alphabet Public School embarked on an enlightening journey to the Mechanical and Agriculture labs of the North Eastern Regional Institute of Science & Technology (NERIST), Arunachal Pradesh. The educational excursion was organized by the Unnat Bharat Abhiyan NERIST, led by the esteemed Professor P. Lingfa, Regional Coordinator UBA NERIST and Dr. T. Patel, Coordinator UBA NERIST.

The initiative, which aims to bridge the gap between academia and rural development, has been actively engaging with schools to expose students to cutting-edge technologies and innovations in various fields. The visit to the Mechanical and Agriculture labs was a part of this ongoing effort to inspire the next generation of scientists, engineers, and agriculturists.

Professor P. Lingfa, who spearheaded the lab tour, emphasized the importance of hands-on experiences in shaping young minds. "Our goal is not just to impart theoretical knowledge but to provide students with real-world insights. The Mechanical and Agriculture labs at NERIST are equipped with state-of-the-art facilities, and we believe that exposing students to such environments can ignite their passion for learning and exploration," said Professor Lingfa.

The students, accompanied by their teachers and guided by NERIST faculty members, had the opportunity to witness live demonstrations and interact with various experiments and prototypes. The Mechanical lab showcased advancements in robotics, mechatronics, Bio-diesel oil and materials science, while the Agriculture lab focused on sustainable farming practices, precision agriculture, and agri-tech innovations.

Dr. T. Patel, Coordinator of the Unnat Bharat Abhiyan NERIST initiative, expressed enthusiasm about the positive impact of such programs on students. "Education extends beyond textbooks. Experiential learning in labs like these not only enriches their academic knowledge but also nurtures critical thinking and problem-solving skills," stated Dr. Patel.

The Unnat Bharat Abhiyan team at NERIST plans to continue organizing such educational initiatives, fostering collaborations between academic institutions and schools to create a holistic learning experience for students. As these young minds return to their classrooms, the echoes of the lab experiences at NERIST will undoubtedly resonate, shaping the future trajectory of their academic and professional journeys.

