



EDUCATIONAL TRIP TO

CSIR – NATIONAL PHYSICAL LABORATORY (NPL)

On 4th October, 2023

Organized by

DEPARTMENT OF ELECTRONICS

Sri Aurobindo College (M)

ABOUT CSIR-NPL

CSIR-NPL Delhi, or The Council of Scientific and Industrial Research—National Physical Laboratory Delhi, is a leading research institution located in New Delhi, India. It was established in 1947 and is one of the oldest national laboratories in India. CSIR-NPL Delhi is dedicated to research and development in the fields of physics, engineering, and metrology. Its research areas include time and frequency standards, precision metrology, quantum metrology, materials science, environmental science, and much more.



The laboratory is equipped with state-of-the-art facilities and equipment for carrying out cutting-edge research. It also offers calibration services to various industries and organizations.

Over the years, CSIR-NPL Delhi has made significant contributions to scientific research and development in India. Its researchers have published numerous papers in international journals and have been awarded with various awards and honors. The laboratory continues to be a leading institution in the field of physics and metrology in India.

ABOUT THE TRIP

The educational trip to CSIR-NPL was an exciting and informative experience for students. The laboratory offered guided tours for students and teachers, where they learn about different areas of research and interact with scientists and researchers. Upon arrival, they were greeted by knowledgeable and friendly staff who guided them throughout the tour.

During the tour, students visited different research facilities and saw the state-of-the-art equipment and instruments used for research and calibration purposes. They have also learnt about the various applications of physics and metrology in different industries and fields.



In addition to this, the students attended short lectures and presentations by scientists and researchers, which provided them with a deeper understanding of the research being conducted at the laboratory.

One of the highlights of the trip was the interaction with the scientists. They patiently answered every question and explained the complex concepts in a simplified manner. Their passion for their work was evident, and this motivated the students to explore science further.

Students also had the chance to witness some of the precision measuring techniques and instruments used at CSIR-NPL. It was fascinating to see how accurate measurements are made and how they play a crucial role in various industries.

Overall, the trip to CSIR-NPL was an incredible experience. It provided the students with a deeper understanding of the advancements in physics and metrology. It also sparked the curiosity to explore scientific research further in the students.



GALLERY





THANK YOU
