



ITL ORGANISES EDUCATIONAL VISIT TO CSIR - NATIONAL PHYSICAL LABORATORY

Title of the activity	Visit to NPL, Pusa , New Delhi
Date of the activity	16 th May,2024
Organised by	Department of Science
Attended by	Students of Class XII
Facilitators	Mr.Pradeep L.Panda, Ms.Seema Sachdev, Mr.Virender Guleria, Ms.Ruchika Mukhija, Mr.Himanshu Saluja

Educational Trip to the National Physical Laboratory

“The mind that opens to a new idea, never returns to its original size” - Albert Einstein

Class XII students of ITL Public School embarked on a stimulating educational trip to the National Physical Laboratory (NPL). The visit aimed to enhance their understanding of scientific concepts and real-world applications.

Upon arrival, the students were greeted by knowledgeable staff who guided them through various sections of the laboratory. They witnessed cutting-edge research and experiments in fields such as metrology, thin film physics and materials science. Engaging demonstrations and interactive sessions provided valuable insights into the significance of precision measurement and its role in technological advancements.

The takeaway of the session was the demonstration of a device called as the “Memristor”- which is a resistor with a memory. A yarn which is fabricated using 20% PET fibre and 80% stainless steel fibre, possesses memristor properties and is the fabric of the future.

The students had the opportunity to interact with the scientists and researchers, gaining first- hand knowledge about their work and career prospects in scientific domains. The visit not only broadened their academic horizons but also instilled a sense of curiosity and appreciation for scientific inquiry.

Overall, the trip to NPL was an enriching experience that complemented classroom learning and inspired students to pursue further studies in science and technology.

#CSIR_NPL

#accuracy & precision

#weights & measures

#scientific temper

