

Report on Academic Visit to Space Applications Centre, Ahmedabad (SAC-ISRO)

An academic visit was organized for the students of 1st, 2nd, and 3rd year, comprising a group of 35 students to Space Applications Centre (SAC), Ahmedabad. The primary objective of this visit was to provide practical exposure and enhance our understanding of scientific and technological advancements beyond classroom learning.

The visit to the Space Applications Centre (SAC), ISRO was particularly enriching. Students had the opportunity to visit advanced laboratories, including the Plasma Labs, where cutting-edge research is conducted. They also observed high-resolution images captured by remote sensing satellites, which demonstrated the practical applications of satellite technology in areas such as weather forecasting, agriculture, and disaster management.

One of the most significant experiences was visiting the clean room facility, where satellites and sensitive instruments are assembled under highly controlled conditions. This gave a deeper understanding of the precision, discipline, and technological expertise required in space research.

In addition, students had the privilege of interacting with Shri. Somya S. Sarkar, Distinguished Scientist, Director, Space Applications Center (SAC/ISRO), Ahmedabad and the entire team. The interaction was highly motivating, as he shared valuable insights about India's space programs, research opportunities, and the future scope of space technology.

Overall, this academic visit was highly beneficial as it bridged the gap between theoretical knowledge and real-world applications. It inspired the students to explore careers in science and technology and enhanced our curiosity and understanding of modern scientific developments. Such visits play a crucial role in motivating students and providing them with practical exposure to advanced research and innovation.

