



**DCT's Dhempe College of Arts & Science
Miramar, Panaji, Goa
DEPARTMENT OF ZOOLOGY**

A Report on the visit organized under DBT's Star College Scheme

'Open day' at BITS Pilani, Vasco, Goa

The students from DCT's Dhempe College of Arts and Science, Miramar attended the 'Open Day' Science Exhibition held at the Birla Institute of Technology and Science (BITS), Pilani, Goa, on 6th November 2023. From the Department of Zoology, total 29 students visited the exhibition and they were accompanied by 2 faculty members. It was an extraordinary showcase of scientific marvels. This event featured a diverse range of exhibits related to cell biology, plant biotechnology, chemistry, electronics, and other intriguing fields of science. The primary goal of the exhibition was to enhance the knowledge of students and foster a deep appreciation for the scientific wonders that surround us.

Exhibits in the field of sciences such as:-

1. **Cell Biology**:- The cell biology exhibit delved into the fascinating world of cells, the basic units of life. It showcased detailed models and interactive displays to explain cell structures, organelles, and the processes occurring within cells. It also showed the application of nanotechnology which can be used for treating wounds and other medical application based on the machinery of the cells. It aimed to invoke thoughts and creative ideas to combine the fields of nanotechnology and cell biology. They had also shown experiments of cancer biology etc.
2. **Plant Biotechnology**:- Visitors had the chance to discover the importance of plant biotechnology in agriculture, food production and disease resistance. This exhibit displayed genetically modified plants, tissue culture techniques, and the role of biotechnology in disease resistance and medicinal field.
3. **Chemistry**:- The chemistry exhibit provided an engaging and hands-on experience. It featured exciting experiments, demonstrations, and informational displays on the wonders of chemistry. Visitors could witness chemical reactions, structures of metals with difference in their optical properties, and understand the practical applications of various chemical compounds.
4. **Electronics**:- Exhibits offered a glimpse into the rapidly evolving field of electronics. It showcased innovative electronic devices, robotics, and the principles behind circuits and microcontrollers.
5. **Other Fascinating Science Exhibits**:- The exhibition also featured displays related to environmental science, and various other domains of science. These exhibits covered topics such as space exploration, climate change, and ecological conservation, making it a well-rounded learning experience.

