

### 1. One day Field Visit @Visvesvaraya Industrial & Technological Museum

On September 27, 2022, students of the Department of Computer Science, Christ College of Science and Management, undertook an educational trip to the Visvesvaraya Industrial and Technological Museum from 9:15 AM to 3:30 PM. All BCA freshers of NEP Batch 2022-26 participated. The college bus departed at 9:15 AM and arrived at the museum by 12:00 PM. After entry formalities, students received instructions about the site. The museum, established in memory of Sir M. Visvesvaraya, is a unit of the National Council of Science Museums under the Ministry of Culture. It features 8 interactive galleries, a Science on a Sphere, Wright Brothers' Simulator, Dinosaur Corner, Taramandal (planetarium), 3D film shows, and Public Science demonstrations, making it a rich learning experience.

### 2. Industrial Visit @ Techvoltz Solutions Limited

An industrial visit to **Techvoltz Solutions Limited, Coimbatore** was organized by the **Department of Computer Science** for **Third-year BCA students** of **Christ College of Science and Management** on **2nd December 2022**. The visit aimed to bridge the gap between **industry and curriculum** by providing insights into **software development** from an industry perspective. The resource person explained the basics of **final-year project development**, including project design models, coding practices, and meeting **user requirements**. Students learned how to **schedule projects**, develop logic skills, and implement software within timelines. The session emphasized satisfying **customer needs** and translating requirements into functional software solutions. The visit, supported by the **Principal, HOD, and faculty**, offered valuable **practical knowledge** and enhanced students' **understanding of industry practices** in software development.

### 3. Industrial Visit @ Kanan Devan Hills Plantations Company (P) LTD

An **industrial visit** to **Kanan Devan Hills Plantations Company (P) Ltd, Munnar, Kerala** was organized by the **Department of Computer Science** for **Third-year BCA**

**students of Christ College of Science and Management on 3rd December 2022. The visit aimed to provide insights into tea powder processing and the functioning of an industry. The company representative explained the history of the company, the growth of tea plants, and the step-by-step process of tea production, including grading and categorization of tea. Students gained practical knowledge of factory operations and observed the live processing stages of tea powder. Supported by the Principal, HOD, and faculty, the visit offered valuable exposure to industrial practices and enhanced students' understanding of production processes.**

#### **4. Field Visit @ Indian Institute of Science (IISc)**

**The Department of Computer Science, in association with IQAC, organized a visit for II and III BCA students to the Indian Institute of Science (IISc), Bangalore, on 4th March 2023 during its Open Day. Students explored IISc's state-of-the-art labs including Cognition, Cryptography, AI, Machine Learning, DSP, Visualization, and Spectrum Labs, gaining insights into cutting-edge research areas like object detection, AI models, seismic imaging, and neuromorphic imaging. They witnessed real-time projects, participated in a Fastest Fingers competition, and attended scientific demos and exhibitions. The visit offered exposure to advanced technologies and ongoing research, inspiring students to pursue higher studies and research. Interacting with researchers and professors enriched their knowledge and skills, promoting innovation and leadership in science and technology. This initiative provided a valuable learning experience, broadening their horizons for future careers and projects.**

### 1. **One-day Industrial Visit to ISRO (URSC), Bengaluru**

The Department of Computer Science, in association with the Centre for Placement and IQAC, organized a **one-day Industrial Visit to ISRO (URSC), Bengaluru**, on **March 25, 2022**. A group of **79 BCA students** and **6 faculty members** visited the U R Rao Satellite Centre, a leading hub for satellite development. The students toured the **Space Exhibition Center**, where **Mr. H L Srinivasan**, a scientist, explained models of **Aryabhata**, **APPLE**, and the **INSAT series**. They learned about **Indian Remote Sensing (IRS)** and communication satellites, with insights into satellite technology and space communication. The visit included demonstrations of how **satellites** are used for **geographical/weather study** and a working model of television signal broadcast. Students also observed the '**clean room**' concept for satellite assembly. A video on the **Chandrayaan mission** was shown, followed by a Q&A session where scientists addressed student queries on satellite launching and space exploration. The visit was an informative and engaging experience.