

## **Industry Orientation**

**School of Technology, Pandit Deendayal Energy University, Gandhinagar**  
**Department of Computer Science and Engineering**

### **II YEAR-4<sup>th</sup> SEM**

The Department of Computer Science and Engineering has conducted Industrial Visits to the following four industries:

#### **1. EInfochips:**

Leading global provider of product engineering and semiconductor design services is eInfochips, an Arrow company. With more than 500 developed products and 40M deployments in 140 countries, eInfochips continues to drive technological advancements across numerous industries.



Digital transformation and connected IoT solutions on multiple cloud platforms, such as AWS and Azure, are among the services provided by the organisation.

- Customer First
- Disciplined Execution
- Embrace Impossible Challenges
- Continuous Learning
- Serving Society

**Date of the Event/Activity:** 21, 22 & 23 March 2023













## 2. **Ishitva Robotics:**

Ishitva Robotics Systems was founded in 2018 to solve the real-world problem of waste through efficient solutions based on industry 4.0 tools such as artificial intelligence, machine learning, and IoT. Effective waste sorting is the weakest link in creating a circular value chain. To address this issue, the company focuses on creating effective and efficient sorting systems to improve the quantity and quality of recycling activities while avoiding dumping and burning dry waste.

To make sorting more efficient at different stages of the waste value chain, Ishitva Robotics Systems utilises computer vision in its solutions. With their proprietary algorithm 'ishitvAI', the company has achieved automated high volume and better quality sorting in a fraction of the time it would take a human to sort. They possess one of the most comprehensive image databases for waste classifications, and their tool is self-learning, which means it enhances its capabilities with each passing minute.

With a vision to revolutionise the recycling industry, Ishitva Robotics Systems provides solutions that enable a circular economy through efficient and automated picking, sorting, and segregation of dry waste materials. Their current solutions include SUKA AI-powered Air Sorting, YUTA AI-powered Robotic Sorting, Netra AI Vision system, and Smart bins.

**Date of the Event/Activity:** 15 February 2023 and 28 March 2023















### 3. Gelco Electronics:

Since our humble beginning in 1984, Gelco works hard each day to provide top-quality services that exceed our clients' expectations every time. In the last 35 years, Gelco has become the synonym of quality in the domain of electronics and power-saving equipment. We are all equipped with dedication, respect for our clients, and excellent knowledge of what we do. We are committed to offering best-quality services that fully meet legal and statutory requirements. We bring a proven Quality Management System and a culture of continuous improvement on the table. Moreover, we combine the right equipment with our technical expertise to fully understand all our clients' needs and requirements and deliver tailored and 100% useful solutions.

**Date of the Event/Activity:** 28 and 29 March 2023







**4. Indian Meteorological Department (IMD):**

Visit was conducted to Meteorological Department in Ahmedabad. Nationally it is recognized as Indian Meteorological Department (IMD), headquarters is located in New Delhi. The department of CSE organized an industrial visit for a one-day visit to Meteorological Department in Ahmedabad, Nationally it is recognized as Indian Meteorological Department whose headquarters is located in New Delhi.. This visit was organized on 23<sup>rd</sup> March 2023 for 2nd year CSE students. A total of 320 students were presented on the day of Industrial Visit. The One-day visit was organized with prior note from respective department of IMD.









