

MADHUBEN AND BHANUBHAI PATEL INSTITUTE OF TECHNOLOGY
(CONSTITUENT INSTITUTION OF CVMU)

REPORT ON

Industrial Visit:

Industry Name:

**EInfochips- An Arrow Company,
Ahmedabad**

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Industrial Visits provide an excellent opportunity to students to interact with the Industry and know about Industrial Environment. Industrial visits are arranged with an objective of giving the student's functional exposure in different Industrial sectors – IT, Manufacturing and Services, Finance and Marketing. Industrial Visit helps in combining the academic knowledge with practical experience. The visits consist of observations and discussions with the staff in various departments of the organization. The industrial visit is intended to provide students of Computer Engineering with required exposure to the working environment and practical knowledge. The motive is to learn and supplement the class room teaching.

The Annual Industrial Visit was decided, structured, planned and executed by the Computer Department and Information Technology Department of Madhuben and Bhanubhai Patel Institute of Technology- A constituent college of CVM University for the A.Y. 2022- 2023. The visit was arranged for the students of IV-year Computer Engineering and IT Engineering with the objective to provide them with Industrial Exposure and learning about new Technologies.

Company Visited : eInfochips- An Arrow Electronics Company, Ahmedabad

Duration: 4 Days

Number of Students participated: 150

Date of Visit: 27th April, 28th April, 5th August and 8th August, 2022

Faculty Coordinators: Prof. Jagruti Prajapati (IT Dept.) and Prof. Dipti Mathpal (Computer Dept.)

Faculties involved in Visit:

Prof. Pratik Soni, Prof. Priyanka Panchal, Prof. Tejal Tandel, Prof. Tushar Shah, Prof. Akash Dave, Prof. Nirali Thakkar, Prof. Jayna Donga and Prof. Dipti Mathpal

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Overview About Company:

eInfochips, an Arrow company, is a leading global provider of product engineering and semiconductor design services. With over 500+ products developed and 40M deployments in 140 countries, eInfochips continues to fuel technological innovations in multiple verticals. The company's service offerings include digital transformation and connected IoT solutions across various cloud platforms, including AWS and Azure.

Being an innovation-driven company, 5% of our revenues are earmarked yearly for building reusable IPs that will accelerate product design cycles and reduce product risks. Today, around 60% of our total business come from building life and mission critical products that directly enhance the quality of life and experiences of our end consumers.

Visit Outcome

The visit started with Mr. Bhavik Vohra, Sr. Manager at eInfochip giving the overview of company. He explained about the strength of the company, working criteria's, and history of the company. He also gave the information about the partnership firms. The company is working with diversified domains such as Aeronautics, Medical, Automotive, Home Automation, Industrial Automation, semiconductors, security and surveillance and Transport and Logistics. He gives the information about the growth of the company over the years. There clients are Siemens, Collins Aerospace, Cisco, Bosch, Qualcomm, Bose, etc.

Then the students were taken to there experience center to make them understand about the current existing projects. The following projects were shown to them.

1. Injection Dispenser (Medical Domain)
2. Dashboard Camera
3. 2D-Hologram
4. Home Automation

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5. 2-3 step Authentication
6. Projects related to different sensors
7. OPKIX



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