



SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

SRM NAGAR, KATTANKULATHUR-603203



SRM Nagar, Kattankulathur – 603 203

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Industrial Visit

Date (s) of Event : 06-09-2024 to 08-09-2024

Title of Event : Industrial Visit to Techcentrix and Kaynes Technology, Mysuru, Karnataka

Beneficiaries : III YR CSE-1 Students.

Objective : To learn about website development , android development, and IoT

No. of Participants : 44

Accompanied staff : Dr.M.Mayuranathan Professor
Department of CSE
Ms.Christina Sweetline Assistant Professor
Department of CSE

Coordinator : Dr.K.Shanmugam Assistant Professor(Sr.G)
Department of CSE

Organizing Committee: CSE Department

Encl: 1. Certificates
2. Sample Photographs
3. List of participants
4. Report of the Event

Event Coordinators/CSE

Head of the Department/CSE

CERTIFICATES:

Date: 06 - 09 - 2024

TO WHOMSOEVER IT MAY CONCERN

We would like to confirm that 44 students and 2 staff co-ordinators of **Department of Computer Science and Engineering (CSE), SRM VALLIAMMAI ENGINEERING COLLEGE, Pandharpur, Chennai** has visited our organization for a **one-day Industrial Visit** on **6th September 2024**.

We wish all of them success in all future endeavours.

Thanks & Regards,



Shreyas M S

Co-Founder

techCentrix

Mobile: +91-95385 12139

No. 729/2, 2nd Floor, 3rd cross, Thyagaraja Rd,
near Sai Baba temple, KR Mohalla, Mysuru - 570024.

Web: www.techCentrix.in **Email:** shreyasms@techCentrix.in

07-09-2024

TO WHOMSOEVER IT MAY CONCERN,

This is to acknowledge the arrival of 44 students from the department of Computer Science & Engineering, SRM Valliammai Engineering College, Tamil Nadu, to our company, **Kaynes Technology**, on their industrial visit. We were pleased to host them and provide insights into our operations in IoT and app development. We hope the visit was informative and valuable for their academic growth.

We wish the students the best of luck in their future endeavors.

With Regards,

Manoj Kumar KM

Kaynes Technology

23-25 Belagola Food, Industrial
Estate, Metagalli, Mysuru, Karnataka
570016

Phone: 0821 400 2805





List of Participants

SRM VALLIAMMAI ENGINEERING COLLEGE

Department of Computer Science and Engineering

Year/ Sec: III- sec 1

Rrg.NO	NAME
142222104001	Aarthi R
142222104005	Abishek P
142222104006	Abinaya C
142222104007	Abinaya Shri T
142222104008	Abinesh S
142222104009	Abishek D
142222104011	Adhiyamaan E
142222104012	Aishwariya P S
142222104013	Ajay B S
142222104014	Ajeeth P
142222104016	Akshaya M
142222104017	Ananth A
142222104019	Anusha J
142222104020	Arikadatcham S
142222104022	Arun Pandian J
142222104023	Aruneswaran A
142222104024	Ashwin P
142222104025	Ashwin Shano S A
142222104026	Baranidharan R
142222104029	Charan Raj K
142222104030	Charulatha K
142222104032	Deepan R
142222104034	Deepika V
142222104035	Devika M
142222104036	Devipriya N
142222104037	Dhanush Raj P
142222104038	Dharani D
142222104039	Dharanika S
142222104040	Dharshini M
142222104041	Dharshini Priya S
142222104042	Dhayanithi M
142222104043	Dhinesh M
142222104045	Divya P
142222104046	Dixa Sharma M
142222104048	Dravid S

142222104050	Durga Devi T
142222104051	Geetha Lekshmi P S
142222104052	Gokul M
142222104053	Gokul V
142222104056	Gopika S
142222104057	Hamsahaasan G
142222104060	Hariesh Subramanian M
142222104303	Boseraj N G
142222104304	Gokul Nath R
142222104502	Pavithran A

SRM VALLIAMMAI ENGINEERING COLLEGE

(A Member of SRM Group of Institution)

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SRM Nagar, Kattankulathur – 603 203

REPORT ON INDUSTRIAL VISIT

III YEAR CSE-1 STUDENTS.

Objectives of the Visit:

1. To gain practical insights into app development, web development, and IoT
2. To understand the workflow, tools, and technologies used in full-stack development.
3. To interact with industry professionals and learn about career opportunities and trends in the tech industry.
4. To observe and understand the functioning of real-world tech companies.

Company 1: Techcentrix

Overview: Techcentrix is a cutting-edge tech company that focuses on Web development. During our visit, we were given an overview of their operations, followed by a detailed discussion on the tools and technologies they use for development.

Key Learnings:

- **Web Development:** The company highlighted the significance of being proficient in both frontend and backend technologies. They showcased their stack, which includes frontend frameworks like React.js and Angular, along with backend technologies like Node.js and Django. We also observed the integration of databases such as MySQL and MongoDB in their projects.

Company 2: Kaynes Technology

Overview: Kaynes Technology is an IoT-based company that integrates cutting-edge app development with IoT solutions. They specialize in creating smart, connected systems that combine hardware with software to improve efficiency and user interaction. The visit provided an in-depth view of how IoT technology is shaping industries and revolutionizing automation and data collection.

Key Learnings:

- **IoT (Internet of Things):** The students were introduced to how IoT devices work, integrating sensors, microcontrollers, and cloud platforms to create connected systems. Kaynes Technology explained how IoT solutions are used in various sectors like smart homes, healthcare, and industrial automation, emphasizing the role of data collection and real-time monitoring.
- **App Development for IoT:** Kaynes demonstrated how mobile applications are developed to control and monitor IoT devices. They focus on developing apps that interact with IoT platforms through APIs and cloud services, ensuring seamless communication between hardware and software. The company showcased IoT systems connected to apps for controlling devices remotely, processing sensor data, and generating insights.

Event Coordinators/CSE

HOD- CSE

Outcomes of the Industrial Visit

1. **Enhanced Understanding of App and Web Development:** Students gained hands-on insights into modern app and web development frameworks like **Flutter**, **React.js**, and **Angular**. The visit deepened their knowledge of how these technologies are applied in real-world projects, complementing their classroom learning.
2. **Application of IoT in Different Industries:**
Students learned about the various applications of IoT across sectors like smart homes, healthcare, and industrial automation, making them aware of how data from connected devices drives automation and decision-making.
3. **App Development for IoT:**
The students gained practical knowledge about developing mobile applications for IoT systems, including how APIs and cloud services are used to facilitate communication between devices and applications.
4. **Awareness of Industry Trends and Practices:** The visit highlighted current trends in the tech industry, such as cross-platform development, responsive design, and agile methodologies. This insight will help students stay updated with industry standards and improve their technical skillset accordingly.
5. **Networking and Professional Interaction:** Students had the opportunity to interact with industry professionals and gain valuable advice regarding career opportunities, internships, and the specific skills sought by companies in app and web development, as well as full-stack development.