

Report for Industrial Visit

28th September 2024 to 30th September 2024

Organized by School of Computer, Information and Mathematical Sciences (SCIMS)
Department of Computer Applications

Class: III Year BCA (AI & CS)

Company: Embank Flodata, Bengaluru, Karnataka

Participants: 46 Students

Accompanied by: Dr. S. Jeevitha & Dr. E. Manogar

Event Details

The III Year class of 29 students from BCA (AI) and 17 students from BCA (CS), totaling 46 students, embarked on an enriching Industrial visit to Embank Flodata, Bengaluru, Karnataka, accompanied by faculty members Dr. S. Jeevitha and Dr. E. Manogar. The purpose of this visit was to equip students with practical knowledge of Machine Learning and Network Security as they pertain to the industry. Students participated in orientation sessions, technical discussions on data analytics applications, and hands-on workshops that encouraged teamwork and the application of their academic knowledge. The visit culminated in a panel discussion featuring industry experts who shared their career experiences and offered valuable advice, thereby enhancing students' understanding of potential career paths in the field.

The report discusses about the following aspects of the programme:

Introduction

The III Year BCA (AI & CS) class embarked on an industrial visit to Embank Flodata on 28th September 2024. The visit aimed to provide students with practical insights into the real-world applications of their academic knowledge, particularly in Machine Learning and Network Security, which are critical aspects of computer applications.

Objectives of the Visit

1. To expose students to the workings of a data analytics company.
2. To understand the technologies and methodologies used in data management and analytics.
3. To interact with industry professionals and gain insights into career opportunities.

Key Takeaways from the Industrial Visit at Embank Flodata

- Students learned about Embank Flodata's role in the industry, including its focus on providing data solutions for businesses across various sectors.
- An overview of the company's history and the projects they handle was provided, highlighting their innovations in data analytics.
- Students gained insights into various data analytics tools and techniques, including Python, R, Tableau].
- The workshop fostered teamwork and practical application of theoretical concepts learned in class.
- The panel discussion provided valuable insights into the skills and competencies required in the data analytics field.
- Networking opportunities allowed students to connect with industry professionals and gain insights into potential internship and job opportunities

Presentation and Delivery

- ❖ The students arrived at Embank Flodata on 28th September at 1:00 PM. After registration, they were welcomed by the company representatives. A brief orientation session was conducted, where the company's mission, vision, and core activities were presented.
- ❖ A technical session on "Data Analytics and Network Security" led by a senior data analyst at Embank Flodata. This was followed by a hands-on workshop where students were divided into teams to work on a data analytics project using real-time data.
- ❖ A panel discussion featuring industry experts from Embank Flodata, who shared their career journeys and offered advice to aspiring professionals.
- ❖ The session ended at 5:30 PM

Audience Engagement

- ❖ The industrial visit to Embank Flodata on 28th September 2024 fostered a high level of engagement among students, enhancing their learning experience. Students were actively involved, where they had the opportunity to interact directly with industry professionals. The hands-on workshops encouraged teamwork and allowed students to apply their theoretical knowledge in practical scenarios, fostering a collaborative learning environment. During technical discussions, students posed insightful questions that sparked meaningful conversations, deepening their understanding of Machine Learning and Network Security. The interaction not only motivated students but also provided them with a clearer perspective on the real-world applications of their studies, inspiring them to explore various career paths within the industry.
- ❖ Following the industrial visit, the students traveled to Chikmagalur on 29th September, where they enjoyed a thrilling jeep safari, exploring waterfalls and scenic viewpoints in the hills. On the third day, 30th September, the students were packed with adventure at Wonderla, where they spent the entire day enjoying various thrilling activities.
- ❖ Overall, they had the time of their lives exploring technologies and having fun together, creating loads of memories.

Conclusion

The industrial visit to Embank Flodata was a highly beneficial experience for the III Year BCA (AI & CS) students. The visit successfully fulfilled its objectives by providing practical exposure to data management and analytics, fostering industry connections, and enhancing students' understanding of their future career paths. Overall, this experience has laid a strong foundation for students as they prepare for their future endeavors in the field of computer applications. We would like to extend our heartfelt thanks to the management and staff of Embank Flodata for their warm hospitality and for organizing insightful sessions that enriched our learning experience. Special thanks to the faculty members Dr. S. Jeevitha and Dr. E. Manogar for their guidance and support throughout the visit.

ttached are some pictures of the event, showcasing the engaged audience.




