

A Report on “Industrial Visit to Agastya International Foundation”
Organized by Department of Computer Science & Engineering (Data Science)
On 23.01.2025



Report Submitted by: Mr. B. Bhaskar, Assistant Professor, Department of CSE- Data Science.

Mode of Conduct: Offline

Place Visited: Agastya International Foundation, Kuppam, Andhra Pradesh

Date of Visit: 23-01-2025

Participants: II and III Year CSE-Data Science Students

Faculty Coordinators: 1. B. Bhaskar, Asst. Professor
2. B. Vidhyasree, Asst. Professor

Introduction

An industrial visit was organized for the II and III Year students of the Computer Science and Engineering (Data Science) department to **Agastya International Foundation** located in **Kuppam, Andhra Pradesh**. The visit was aimed at enhancing students' practical knowledge and understanding of innovation-driven learning, experiential science education, and the role of data and technology in social development.

About Agastya International Foundation

Agastya International Foundation is a non-profit organization committed to sparking curiosity and creativity among underprivileged children and teachers in India through hands-on science education. The foundation is widely recognized for its innovative learning methods, mobile science labs, and the use of technology in rural education.

Objectives of the Visit

- To expose students to innovative educational practices.
- To understand the integration of technology and data in education outreach.
- To observe how Data Science can be used in the analysis of educational impact.
- To encourage social responsibility among students through technology-based solutions.

Key Activities and Learnings

- **Introduction and Orientation:** Students were welcomed by the Agastya team and given a briefing about the foundation's vision, mission, and impact.
- **Innovation Hubs:** Students visited various learning stations showcasing hands-on models in science, mathematics, and art.
- **Data and Technology Usage:** The team explained how they use data analytics to track student progress and improve teaching strategies.
- **Interaction with Educators:** The visit included interaction with instructors and volunteers who shared real-life stories of how the foundation has impacted rural education.
- **Student Reflection:** Students participated in an interactive session where they reflected on their learning and proposed ideas for tech-based educational outreach.

Outcome of the Visit

The visit proved to be insightful and inspiring for the students. It gave them a practical understanding of how education and technology can intersect for social good. Students appreciated the creative approach taken by Agastya Foundation and understood the role of Data Science in assessing educational programs and reaching underserved communities.

Conclusion

The industrial visit to Agastya International Foundation was a highly enriching experience for the CSE-Data Science students. It reinforced the importance of innovation, social impact, and data-driven solutions in the modern world. The department thanks the management of Agastya Foundation for their warm hospitality and the valuable knowledge shared.

