



SIR C R REDDY COLLEGE FOR WOMEN

(Affiliated to ADIKAVI NANNAYA UNIVERSITY, Rajamahendravaram)

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DEPARTMENT OF COMPUTER SCIENCE

Industrial visit to

Amaravathi Software Innovations Pvt. Ltd., Rajamahendravaram

REPORT

The industrial visit to **Amaravathi Software Innovations Pvt. Ltd.** was organized by the **Department of Computer Science, Sir C.R. Reddy College for Women** on **24th September 2025**. A total of **125 students** and **6 faculty members** participated in this educational trip. The venue for the visit was **Amaravathi Software Innovations Pvt. Ltd.**, located in **Rajamahendravaram**

As part of our **academic curriculum and industry exposure initiative**, we visited Amaravathi Software Innovations Pvt. Ltd., a reputed software development company located in Rajahmundry, Andhra Pradesh. The purpose of this visit was to understand the functioning of a professional IT company, gain exposure to real-time software development practices, and bridge the gap between theoretical learning and industry application.

The main objectives of the visit were to understand the **Software Development Life Cycle (SDLC)** in a real-world environment, gain exposure to current industry tools, programming languages, and frameworks, and learn about the various roles and responsibilities within a software company. Additionally, the visit aimed to help us observe the professional work culture and ethics of the IT industry, and explore career opportunities and emerging technologies in the software domain.

During the visit, we observed how projects are initiated, planned, developed, and tested before final deployment. The team at Amaravathi Software Innovations Pvt Ltd demonstrated the use of **Agile methodologies** for effective project management. The professionals also introduced us to several tools and technologies commonly used in the software industry, such as **Git, VS Code, Jira, and Slack**. We learned about popular development frameworks and technologies including **ReactJS** and **Angular** for front-end development, **Node.js, Python, and Java** for back-end programming, as well as **MySQL** and **MongoDB** for database management. The company also utilizes **cloud platforms like AWS and Azure** to manage and deploy applications.

The organization maintains a well-structured team comprising **software developers, QA/test engineers, UI/UX designers, and project managers**, all working collaboratively to ensure successful project delivery. The visit gave us a firsthand experience of a **professional and dynamic work environment**, emphasizing the importance of communication, time management, teamwork, and continuous learning. We also learned about the company's journey as a **regional startup** and how it contributes to the local tech ecosystem by developing scalable and innovative software solutions.

As an outcome of the visit, we gained **practical insights into software project life cycles and workflows**, understood the **skill sets required** for various roles in a software firm, and learned about **current and emerging trends** in software development. We also observed how our **academic knowledge** is applied in real-world scenarios and felt inspired to pursue **careers or entrepreneurial opportunities** in the software and IT field.

In conclusion, the industrial visit to **Amaravathi Software Innovations Pvt Ltd** was a **highly informative and enlightening experience**. It provided us with valuable industry exposure, strengthened our understanding of the IT sector, and motivated us to enhance our technical and professional skills. We sincerely thank the management and staff of the company for their warm hospitality and for sharing their knowledge and experiences with us.



Students of Sir C.R.Reddy College for Women attended Industrial visit to Amaravathi Software Innovations Pvt.Ltd.,



Lecturer delivered by G kiran sir to the students of Sir C.R.Reddy College for Women