

**Sri Sai Ram Engineering College**  
**DEPARTMENT OF COMPUTER SCIENCE AND**  
**BUSINESS SYSTEMS**

**“JAVA DRIVEN ESSENTIALS:**  
**BUILD, DESIGN, AND DEPLOY”**

Date: Wednesday, 18th September 2024

Time: 9:00 AM to 4:00 PM

Venue: Gamma Hall, Sri Sai Ram Engineering College, Chennai

Name of Organizing Unit: COMPUTER SCIENCE AND BUSINESS SYSTEMS

Mode of Event: Offline

Title of Activity: Java Driven Essentials: Build, Design, and Deploy

Attendees: Students

## **EVENT REPORT**

### **Day 1 – Hands-on Workshop**

The **Java Driven Essentials: Build, Design, and Deploy** workshop took place on Wednesday, 18th September 2024, at Gamma Hall, Sri Sai Ram Engineering College. The event began with a prayer song, setting a serene and focused tone for the day. After the arrival of the guest, **Ms. Gloria Mary G.**, Java and mobile app developer at **8Queens Software Technologies Private Limited**, the audience warmly welcomed her.

Ms. Gloria, with over three years of experience in developing innovative Java applications and mobile solutions, was felicitated by

**Ms. C. Indhumathi**, expressing heartfelt appreciation for her contribution to the event.

Ms. Gloria then led the workshop, beginning with an insightful session on **Java Libraries and Frameworks**, equipping participants with essential tools for Java-driven development. She elaborated on the differences between **service-based and product-based companies**, showcasing how Java plays a significant role in both sectors.

The session also explored the core principles of **Object-Oriented Programming (OOP)**, using real-time examples to illustrate the application of OOP concepts in Java. Participants were guided through **Crypto Suits, HTTP, and HTTPS** to understand web security protocols, followed by a discussion on the **Client-Server Model**, with practical examples of its use in industries.

The hands-on sessions sparked enthusiastic participation, with Ms. Gloria providing expert guidance and addressing various questions.

The **Java Driven Essentials** workshop proved to be an insightful and interactive learning experience, leaving the participants equipped with valuable skills and knowledge to further their understanding of Java-driven development.

## **CONCLUSION:**

The **Java Driven Essentials** workshop, led by **Ms. Gloria Mary**, was a great success. It provided students with essential knowledge and hands-on experience in Java-driven development, particularly in understanding libraries, frameworks, and Object-Oriented Programming (OOP) principles. Participants walked away with an enhanced ability to apply these concepts in practical coding scenarios, and the workshop emphasized the importance of secure coding practices and how Java fits into both service-based and product-based industries. Overall, the session effectively bridged academic knowledge with real-world application, leaving participants with valuable skills they can utilize in future projects.

## FEEDBACK FROM PARTICIPANTS:

1. "The workshop was extremely informative, and the practical exercises really solidified my understanding of OOP in Java."
2. "I now have a much clearer understanding of how Java is used in both service-based and product-based companies. This session really helped connect the dots."
3. "The hands-on approach and the way Ms. Glorria explained complex concepts made the workshop both engaging and enlightening."



REPORTED BY:

Sujitha K – Student coordinator