



**Department of Computer Science and Engineering**  
**Academic Year: 2024- 2025 (Odd)**  
**Alumni Interaction Report**

**Event Title: Guest Lecture on JAVA API**

**Date of the Event: 05/10/2024**

**Time: 10.00 AM**

**Venue: CSE Seminar Hall**

**Number of Participants: 110**

**Program Details:**

| <b>Nature of session</b>                     | <b>Purpose of Interaction</b>  | <b>Target Audience</b> | <b>POs relevance</b>  |
|--|--|------------------------|-----------------------|
| Alumni –<br>Technical Session<br>AM/24-25/11 | <ul style="list-style-type: none"><li>• To enhance the students skillset on recent technologies</li><li>• To make the students aware of IT Trend</li></ul> | IV Year CSE            | PO1, PO2,<br>PO9,PO10 |

“Alumni Technical session” – RIT/CSE/AM/24-25/11 – “Guest Lecture on JAVA API” held by RIT Alumni Association and Department of Computer Science and Engineering on 05/10/2024 for II Year CSE Students as shown in Fig 1



**Fig 1: Glimpse of the Session**



| Speaker Details              |   |
|------------------------------|---|
| <b>Name of the Alumnus</b>   | Mr. N. Dhiraj (Batch 2020-2024)                               |
| <b>Date and Time</b>         | 05/10/2024 and 10.00 AM                                       |
| <b>Meeting Platform</b>      | CSE Seminar Hall  |
| <b>Target Audience</b>       | II Year CSE   |
| <b>Nature of Interaction</b> | 1. Java API Introduction<br>2. Practical Demonstration        |
| <b>Present Position</b>      | Mr. N. Dhiraj (Batch 2020-2024), Technical Member Staff, Zoho |

Students were introduced to the fundamentals of Application Programming Interfaces (APIs) in Java, with a focus on web APIs such as REST, SOAP, and GraphQL.

#### Topics Covered:

- Introduction to API:** An overview of APIs and their role in enabling software interoperability.
- HTTP Connections:** Explanation of HTTP methods (GET, POST, PUT, DELETE) and their importance in web communication.
- Types of API:** A detailed discussion on various API types, with an emphasis on REST, SOAP, and GraphQL.
- Spring Boot Implementation:** Insights into using Spring Boot for rapid Java-based application development and API integration.

Resource person emphasized the practical applications of APIs, demonstrating how they enable seamless integration across different platforms. The session concluded with a Q&A segment, where students had the opportunity to clarify their doubts and learn about real-world API implementations at Zoho. The event was co-ordinated by Ms. G. Sakthi Priya, AP/CSE. Around 100 students participated in the event and got benefitted

#### Program Brochure:

