

**A Report on Guest Lecture**  
**“Role of Java Programming in Industry Perspective”**  
**Organized by Department of Computer Science & Engineering**  
**on 10.04.2025**



**Report Submitted by: Dr. R. Sudhakar, Associate Professor, Department of Computer Science & Engineering; Dr. G. Arun Kumar, Associate Professor, Department of Computer Science & Engineering.**

**Resource Person Details: Dr. Shaik Mahaboob Basha, Professor, Department of Computer Science & Engineering, GITAM University, Hyderabad.**

**Total no. of Participants: 70**

**Mode of Conduct: Online**

**Report Received on 12.04.2025.**

The Department of Computer Science & Engineering organized an insightful guest lecture on the topic “Role of Java Programming in Industry Perspective” on 10th April 2025. The session aimed to bridge the gap between academic learning and industrial practices, particularly focusing on Java programming language that continues to be a cornerstone in the software industry.

The programme started at 10:00 AM with a welcome note delivered by Dr. R. Sudhakar, Associate Professor, Department of CSE, MITS. In his address, he highlighted the career opportunities available through learning Java programming and emphasized its relevance in the current industry scenario. Following this, Dr. G. Arun Kumar, Associate Professor, CSE, presented a brief profile of the esteemed resource person. The formal welcome address was given by Dr. M. Sreedevi, Professor and Head of the Department, CSE, MITS. She stressed the importance of the session and how it would benefit the students in understanding the industrial applications of Java. The keynote address was delivered by the guest speaker for the day, Dr. Shaik Mahaboob Basha, Professor, Department of Computer Science & Engineering, GITAM University, Hyderabad.

The guest lecture focused on the evolving role of Java in the modern software industry. Dr. Basha highlighted the significance of Java in enterprise-level applications, backend development, mobile computing, and cloud-based services. He emphasized:

- The relevance of Java in current industrial projects
- Object-Oriented Programming principles and how they align with scalable software solutions
- Popular frameworks like Spring and Hibernate
- Real-time examples from his professional experiences
- Skills students should develop to enhance their employability

The session was concluded by delivering the vote of thanks by Dr. G. Arunkumar, Associate Professor/CSE

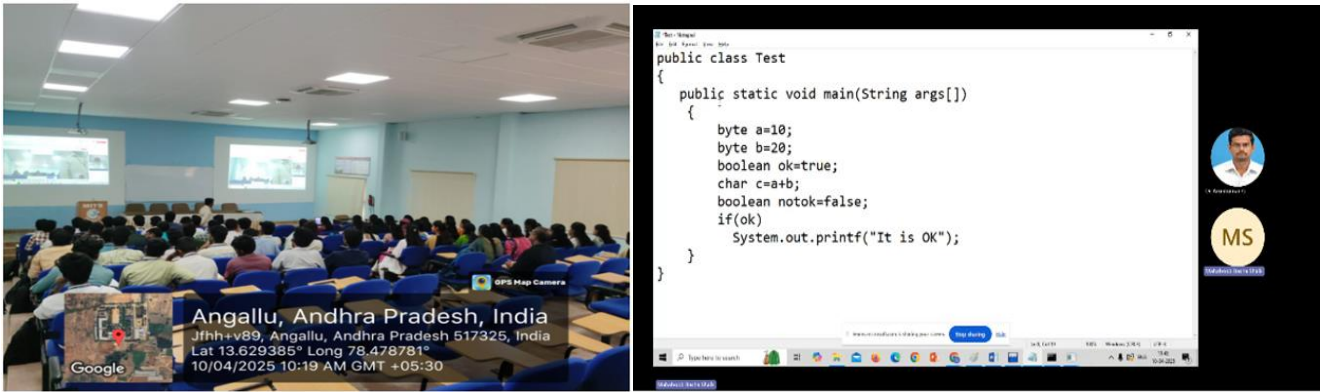
**Outcome of the Lecture:**

**Enhanced Industry Awareness:**

Participants gained a clear understanding of how Java programming underpins many of today’s enterprise applications. The discussion highlighted Java’s significant role in developing scalable systems, its continued relevance in large organizations, and how it meets the evolving needs of digital business transformations.

**Real-World Applications:**

Through real-life examples and case studies shared by the resource person, the audience was exposed to practical applications of Java in areas such as web-based solutions, mobile applications, and cloud computing. This practical viewpoint helped bridge the gap between theoretical knowledge and industry demands.



**Technical Insights and Frameworks:**

The lecture provided in-depth technical insights into Java’s ecosystem, including discussions on popular frameworks like Spring and Hibernate. These insights helped participants understand the underlying architecture of robust software applications and the importance of adhering to industry-standard coding practices.

**Skill Development Guidance:**

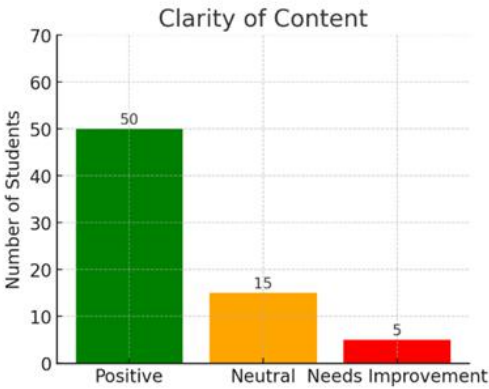
Emphasis was placed on the critical programming skills and problem-solving abilities required in the industrial domain. The session outlined the necessary steps and strategies for students to enhance their proficiency in Java, thereby making them more competitive in the job market.

**Emphasis on Lifelong Learning:**

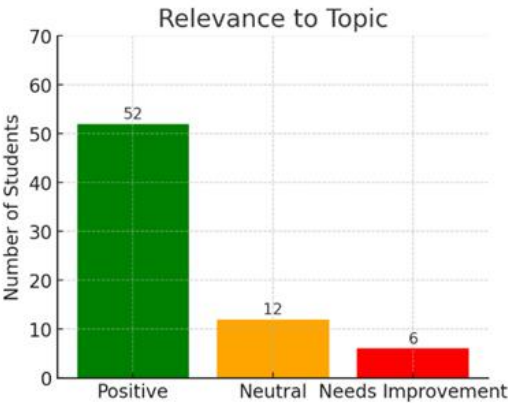
The guest speaker’s expertise and commitment to continuous learning reinforced the idea that staying updated with current programming trends is crucial in the competitive technology landscape. Participants were encouraged to pursue continuous professional development to keep pace with rapid technological advancements.

**Student feedback on guest lecture based on responses from 70 students.**

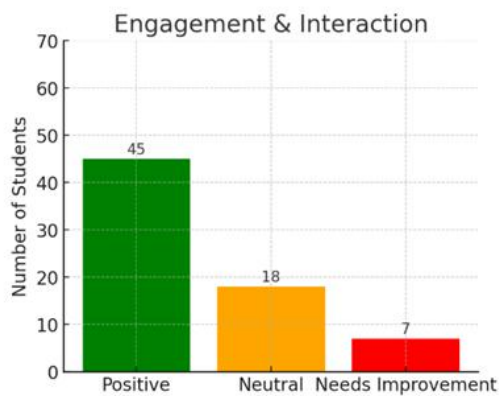
**Clarity of Content:**



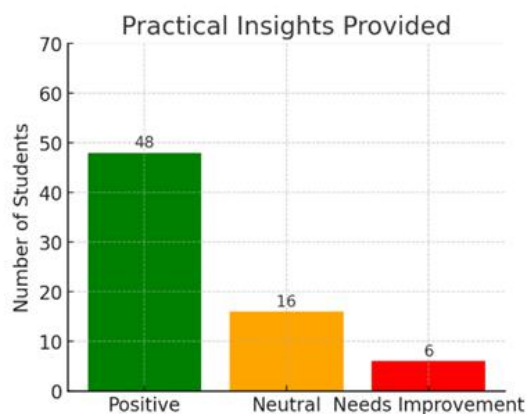
**Relevance to Topic:**



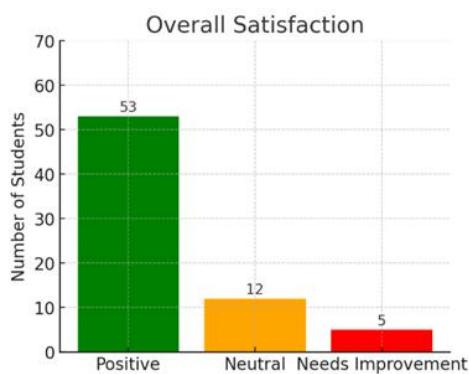
### Engagement & Interaction:



### Practical Insights Provided:



### Overall Satisfaction:



### Key Observations from Feedback:

- **Clarity of Content:** Majority found the content clear; very few needed improvements.
- **Relevance to Topic:** Highly rated; topic was well-aligned with expectations.
- **Engagement & Interaction:** Positive overall, but some felt engagement could improve.
- **Practical Insights Provided:** Well-received, though a number of students were neutral—more real-world examples could help.
- **Overall Satisfaction:** Strong positive feedback; students were largely satisfied with the session