



**St. MARTIN'S ENGINEERING COLLEGE**  
**UGC Autonomous**  
**NBA & NAAC A+ ACCREDITED**  
Dhulapally, Secunderabad - 500100.



**TRAINING AND PLACEMENT DEPARTMENT**

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**Two-Week Internship Program for B. Tech Second-Year Students at  
St. Martin's Engineering College (SMEC)**

Keeping in view of industry demands, **St. Martin's Engineering College** is conducting an internship for second-year students in **JAVA & its industry application**. This program will help students deepen their understanding of Java, sharpen their practical skills, and gain hands-on experience with real-world industry practices, ultimately enhancing their knowledge and improving their chances of securing better opportunities in the industry.

The Two-Week Internship sessions are conducted Department-wise, as follows:

**Forenoon:** IT, AI&ML and CSD

**Afternoon:** CSE, CSE(AI&ML) and ECE

**Topics Covered:**

1. Exception Handling, Abstraction, Developing mini project of banking application
2. OOPs, Inheritance, Polymorphism, Encapsulation, Abstract and one project
3. Abstraction, Encapsulation, Polymorphism, Inheritance with OOP practice programs.

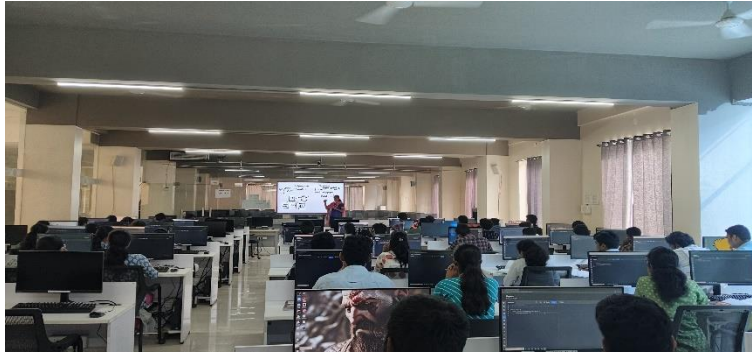
**Day:** Tuesday

**Date:** 29-10-2024

**Venue:** Subhas Chandra Bose Block

In today's session, trainers focused on advanced OOP concepts, including exception handling and abstraction, as students worked on a mini banking application project to apply these techniques. The session also explored the pillars of OOP—inheritance, polymorphism, encapsulation, and abstraction—with practical examples that demonstrated each concept's impact on code structure and functionality. Trainers provided hands-on practice with OOP programs, reinforcing students' understanding of how these principles interconnect in real-world applications. This comprehensive approach helped students deepen their grasp of OOP fundamentals and apply them effectively in project development. With this, we concluded Day 12 of the two-week internship for Slot 1 students. Our heartfelt thanks go to the management and the Group Director Sir for providing the best trainers and excellent lab facilities, ensuring valuable learning experience for all participants.

**Talks by Industry Experts to the Students (Forenoon Session):**



**29-10-2024, 9:20 AM - 12:40 PM (IT: Room No.7111)**



**29-10-2024, 9:20 AM - 12:40 PM (IT: Room No.7112)**



**29-10-2024, 9:20 AM - 12:40 PM  
(AI&ML and CSD: Room No.7311)**

**Talks by Industry Experts to the Students (Afternoon Session):**



**29-10-2024, 01:20 PM – 04:40 PM (ECE: Room No. 7111)**



**29-10-2024, 01:20 PM – 04:40 PM  
(ECE, CSE and CSE(AI&ML)): Room No. 7112)**



**29-10-2024, 01:20 PM – 04:40 PM (CSE: Room No. 7311)**