



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

**Afternoon:** CSE(AI&ML), AI&DS and EEE

**Topics Covered:**

1. OOPs Concepts of run time polymorphism, compile time polymorphism, Interface and Programs
2. Constructors, OOPs, Inheritance and Program on student information database
3. Inheritance, Abstraction, Polymorphism and Encapsulation.

**Day:** Wednesday

**Date:** 13-11-2024

**Venue:** Subhas Chandra Bose Block

In today's live session, trainers delved into key Object-Oriented Programming (OOP) concepts, starting with an in-depth look at runtime and compile-time polymorphism. This included practical examples and programs to clarify how polymorphism functions in different contexts. The session then moved on to discuss constructors, focusing on their role within OOP, followed by a comprehensive program to build a student information database using inheritance principles. Lastly, the core OOP principles of inheritance, abstraction, polymorphism, and encapsulation were covered in detail, allowing students to better understand their practical applications and relevance in coding. Day 9 concluded successfully, with lively student engagement and careful guidance from faculty.

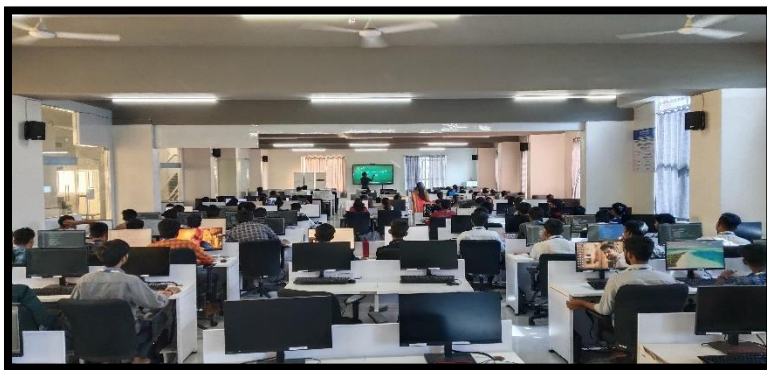
**Talks by Industry Experts to the Students (Forenoon Session):**



**13-11-2024, 9:20 AM – 12:40 PM (ECE: Room No.7111)**



**13-11-2024, 9:20 AM – 12:40 PM  
(ECE, CSE and CSE(AI&ML): Room No.7112)**

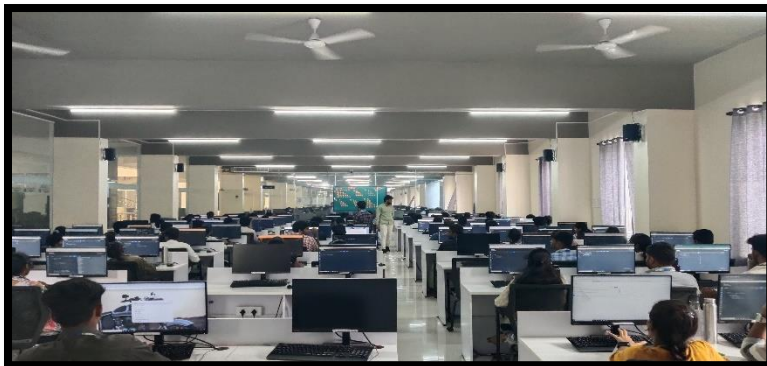


**13-11-2024, 9:20 AM – 12:40 PM (CSE: Room No.7311)**

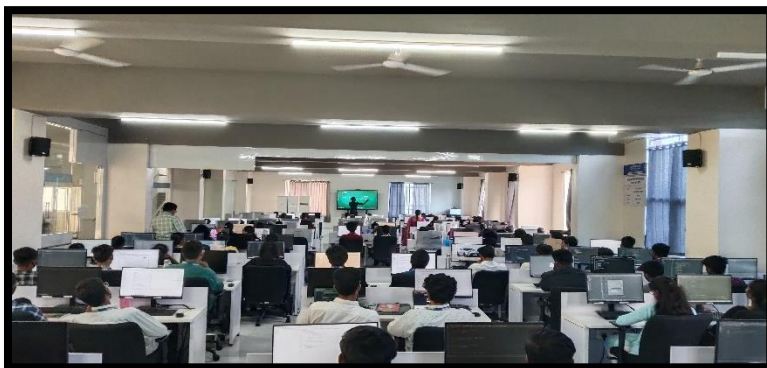
**Talks by Industry Experts to the Students (Afternoon Session):**



**13-11-2024, 1:20 PM – 4:40 PM  
(AI&DS and CSE (AI&ML): Room No. 7111)**



**13-11-2024, 1:20 PM – 4:40 PM  
(EEE and CSE(AI&ML)): Room No. 7112)**



**13-11-2024, 1:20 PM – 4:40 PM (AI&DS: Room No. 7311)**