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

TRAINING AND PLACEMENT DEPARTMENT

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

To align with industry demands**, St. Martin's Engineering College** is conducting an **internship program** for **B. Tech III Year** students focused on **JAVA and its industry application**. This internship seeks to deepen students' understanding of Java, sharpen their practical skills, and provide hands-on exposure to real-world scenarios, ultimately broadening their knowledge and enhancing their career prospects in the industry.

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

Forenoon: ECE and CSD

Afternoon: CSE

Topics Covered:

1. Static and non-static declarations, Interfaces, password validation problem
2. Encapsulation, Inheritance and polymorphism and Garage application
3. Mini Project by using all OOPs concepts- Product management system and flight management system
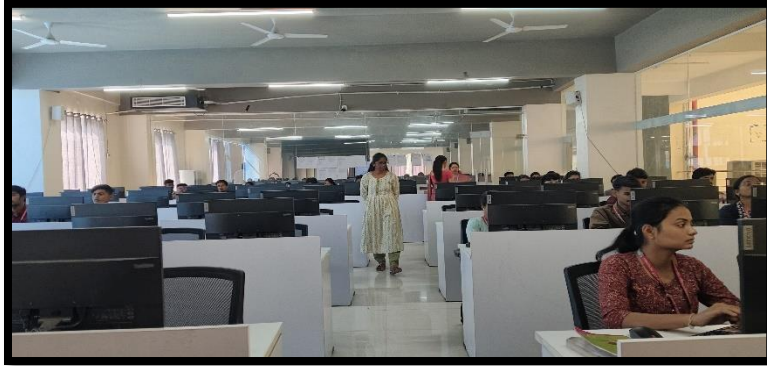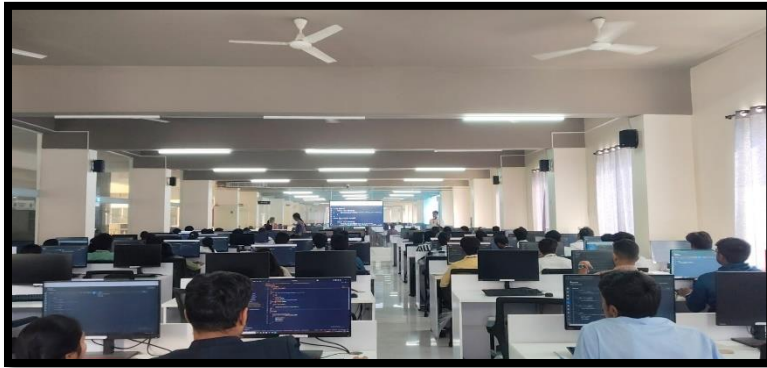
Day: Thursday

Date: 19-12-2024

Venue: Subhas Chandra Bose Block

In today's session, the trainers covered Static and Non-Static Declarations, alongside an introduction to Interfaces, followed by solving a Password Validation Problem to demonstrate practical applications. They also revisited key OOP concepts, including Encapsulation, Inheritance, and Polymorphism, with an engaging Garage Application as an example. Furthermore, students worked on a Mini Project, integrating all OOP principles to design and implement two real-world systems: a Product Management System and a Flight Management System, providing valuable hands-on experience with object-oriented design and development. Day 10 concluded successfully with enthusiastic student participation, effective content delivery by trainers, and proper supervision by the faculty
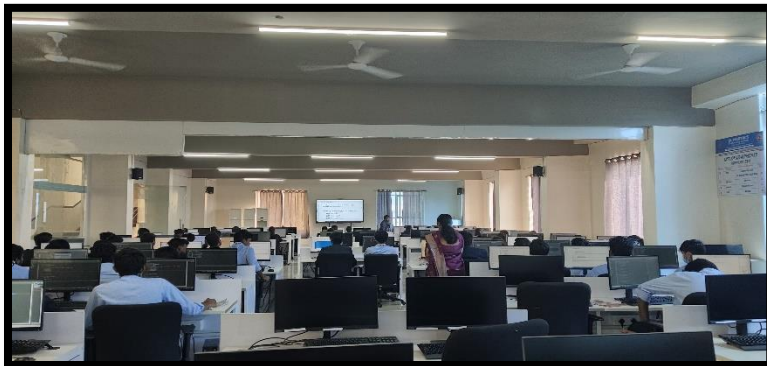
Talks by Industry Experts to the Students (Forenoon Session):

19-12-2024, 10:10 AM – 12:40 PM (ECE: Room No.7111)

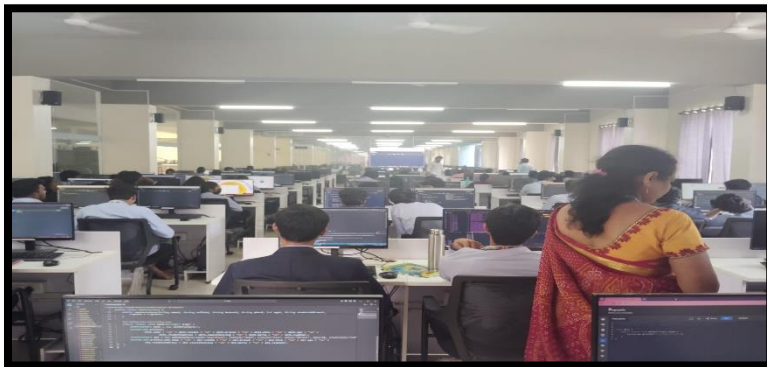**19-12-2024, 10:10 AM – 12:40 PM (ECE: Room No.7112)**

19-12-2024, 10:10 AM – 12:40 PM
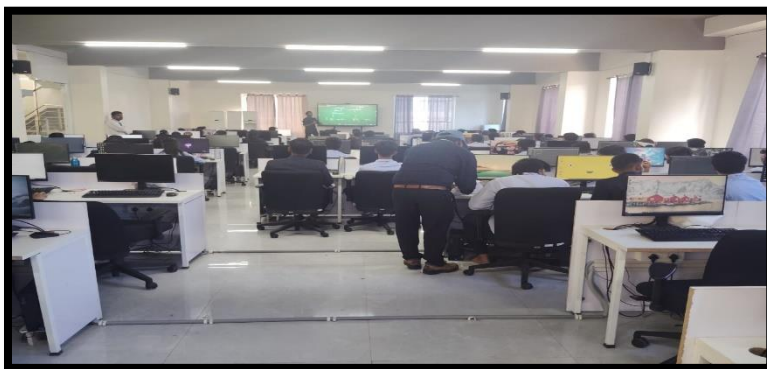**(ECE and CSD: Room No.7311)**

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

19-12-2024, 1:20 PM – 3:50 PM (CSE: Room No. 7111)

19-12-2024, 1:20 PM – 3:50 PM (CSE: Room No. 7112)

19-12-2024, 1:20 PM – 3:50 PM (CSE: Room No. 7311)

T&P Department   **Group Director**