



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



## **TRAINING AND PLACEMENT DEPARTMENT**

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### **Campus Recruitment Training for B. Tech IV year Students @ SMEC**

It is **St. Martin's Engineering College's** customary to conduct **Campus Recruitment Training (CRT)** every year for B. Tech III year students to enhance their skills in alignment with industry requirements. SMEC offers top-notch training, utilizing the Knowledge of experienced industry professionals. This training covers essential areas such as Coding proficiencies demanded by Multinational Corporations, Communication skills, Logical thinking, Problem solving, Interview preparation, Resume building and understanding employer expectations.

The CRT (Quantitative Aptitude and Verbal Reasoning) sessions are conducted for all Departments, as follows:

#### **Topics Covered:**

1. Profit and loss and problems on it
2. Blood Relations and different examples on this topic
3. Clocks and problems

**Day:** Saturday

**Date:** 26-10-2024

**Timings:** 6:30 PM to 8:30 PM

**Venues:** Online (Microsoft Teams)

In today's online session, trainers delved into profit and loss, covering essential concepts and guiding students through various problem-solving techniques related to this topic. They also revisited blood relations, offering different examples and scenarios to reinforce students' understanding of complex relationship patterns and logical reasoning. The session concluded with an introduction to clocks, where trainers presented a variety of time-based problems, helping students gain confidence in interpreting and solving questions involving clock models. This combination of topics provided a well-rounded approach to developing analytical and mathematical problem-solving skills. Day 6 wrapped up successfully, marked by enthusiastic student participation and attentive supervision from faculty members

## Talks by Industry Experts to the Students:

Batch 1\_CRF Phase 8

Two motor cars were sold for Rs.9900 each gaining 10% on one and losing 10% on the other. The gain or loss percent in the whole transaction is

A) Neither Loss nor Gain  
B) 1% Profit  
C) 3% Profit  
D) 1% Loss

Handwritten solution:

$$SP_1 = 9900, P\% = 10\%$$

$$CP = 100 \times \frac{9900}{110} = 9000$$

$$SP_2 = 9900, L\% = 10\%$$

$$CP = 100 \times \frac{9900}{90} = 11000$$

$$CP = 9000 + 11000 = 20000$$

$$SP = 9900 + 9900 = 19800$$

$$L\% = \frac{20000 - 19800}{20000} \times 100 = 1\%$$

Successive discounts:  $100 - 10 = 90$ ,  $90 - 10 = 81$

Batch 1: 26-10-2024, 6:30 PM – 08:30 PM

Batch 2\_CRF Phase 8

4. Pointing towards Naresh, Nikel said "I am the only son of his father's one of the sons". How Naresh is related to Nikel?

(1) Nephew  
(2) Uncle  
(3) Either Father or uncle  
(4) father

Handwritten diagram:

```

    N-F
     |
    Naresh
     |
    Nikel
  
```

Another diagram: Naresh father's one of the sons

```

    N-F
     |
    Naresh
     |
    [ ]
  
```

Batch 2: 26-10-2024, 6:30 PM – 08:30 PM

Batch 3\_CRF Phase 8

Handwritten solution for a clock problem:

together (or) 5 :-

$$3 \& 4 \rightarrow 0$$

$$0 = \frac{11}{2} M - 30H$$

$$0 = -\frac{11}{2} M - 30(3)$$

$$\frac{11}{2} M = 90 \Rightarrow 16 \frac{1}{2} P \Rightarrow M = 78$$

1hr = 1 time  
1hr = 11 "  
2hr = 22 "

Batch 3: 26-10-2024, 6:30 PM – 08:30 PM