

## CODE BREAK

presented by CSI

### OVERVIEW

This event has 3 rounds, in the first round the participants will be given a input and an output and they'll have to find the source code in an hour.

Second round will have error in a code using code swap and third round will be code swap.

### RULES

- Each group will have only 2 members in their group.
- Each participant can be a member of only one group.
- The reviewer's decision will be the final decision pertaining the distribution of points.
- The final points will be given considering the points of all 3 rounds.
- There is no criteria for completing any round, each team is eligible for all 3 rounds of the event.
- Anyone found using any unfair means will be disqualified immediately.

### Round 1:

- Each group will be given a compiled code of C\C++.
- The participants are expected to explain the function of the code in detail by just testing the input/output of the code.
- No changes should be made to the code; if found guilty, the group will be disqualified immediately.
- Only 1 hour will be given to each group to complete the task.
- Points will be given depending upon how close the participant's explanation is to the actual functioning of the program.

Example:

Input: 251

Output: 30

Input: 134

Output: 26

Input: 10101

Output: 3

Answer: The program is calculating the sum of squares of the digits.

## Round 2:

- Each group will be given 2 faulty codes in 2 different languages, one being Java and other being C.
- Both the team members will find the errors in each code individually and write it on a piece of paper.
- After every 4-6 minutes the team members will swap their computers and continue finding errors in the respective programs.
- Communication in any means while finding the errors or while swapping the codes, is not allowed; participants are not allowed to comment on their code.
- 30 minutes will be given to find out all the errors.
- The same errors found by both the team members will be counted as only one error.
- Only syntax errors will be considered.

## Round 3:

- Two different problem statements will be given to a group.
- The language used by both team members should be different. (C and Java)
- After every 4-6 minutes the team members will swap their computers and continue their partner's work.
- Communication in any means while solving the problem or while swapping the codes, is not allowed. Participants are not allowed to comment on their code.
- 30 minutes will be given to solve both the problems.
- Points will be given considering how much the problem has been solved, the efficiency of the program and the number of errors.

# abhiyantriki

2017

6<sup>th</sup> - 7<sup>th</sup> OCTOBER



K.J. Somaiya College of Engineering,  
Vidyavihar, Mumbai-77  
(Autonomous College, Affiliated to University of Mumbai)

**Registration fee:** Rs. 50/- (Team of 2)

**Prizes worth:** Rs. 8000/-

**Contact:**

**Meet:** 961919113