

BINARY GEEKS - A CODE MYSTERY

About

The true potential of a coder is known by his ability to find errors and rectify them!! Consider yourself a perfect coder? Well, here is the right place and the right event for you. IEEE PEC in collaboration with Computer Science (CS) Chapter is pleased to announce Binary Geeks- A code Mystery at TECHNOVATION 2019 with the motive to test the debugging skills and ignite the coder within the young minds.

Think programming is your forte? Come, try your hand at our brain teasing events.

REGISTRATION AND SUBMISSION:

The Participants have to register on the official IEEE PEC Website and fill all the necessary details. IEEE REGION 10-> Software -> Register -> Fill all your details -> Your team will be formed and you can add other team members too.

TEAM SIZE:

Maximum Team Size can be of 2.

EVENT DESCRIPTION

The event will have 2 sub events

- a) **DAZZLE CODE:** Have a flair for coding, but tired of doing it the traditional way? Ever thought of writing code with the **MONITOR OFF?** Sounds

challenging? This time at Technovation 2k19, Punjab Engineering College (Deemed To be University) is organizing **Dazzle Coding competition**.

EVENT SPECIFICATION:

- 1) The event comprises of two rounds.
- 2) In Round-1, a program with simple errors will be provided.
- 3) In Round-2, a program with complex errors will be provided.

EVENT RULES

- Each team has to write the code for the problem statement, with MONITOR OFF.
- Each team will start with an initial score and penalty would be imposed each time the team runs their code on their computer.
- The penalty would keep on increasing depending on duration.
- Participants whose code gets executed will be given higher preference.
- The second preference will be given to code with least number of errors.
- In case of tie in number of errors, timing will be considered.

ROUND 1

- A simple code with syntax error will be given on paper.
- Twenty minutes will be given to type and correct the code.

ROUND 2

- All the teams will get a chance to participate in Round 2.
- A typical program with complex errors will be provided on paper.
- Thirty minutes will be given to each team.

- b) **REVERSE CODING:** Reverse Coding is an event which tests logical thinking and basic programming skills. The idea behind this event is to figure out the "**Black Box**". The event will test basic logical skills along with pattern analysis and recognition as you play with the code, identify the patterns and decipher it.

EVENT RULES

- All the teams who took part in Round 1 of DAZZLE CODE have to participate in this.
- The teams will be given an executable program and are asked to do reverse coding, that is to develop the source code.
- An input and output will be provided, teams have to identify the pattern and code for it.
- Teams will be given **90 minutes** for 2 coding questions.
- All the teams will have to decipher a set of executables; and write a program for each to perform in the same manner.
- Teams will be judged on their accuracy as well as their efficiency.

THE FINAL RESULTS WILL BE TAKEN OUT ON BASIS OF PERFORMANCE IN THE BOTH EVENTS(DAZZLE CODE AND REVERSE CODING)

PRIZES:

The Prize money and Goodies would be awarded on the spot during the Closing Ceremony.

Queries

For any queries feel free to contact us at:

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