

SCIENCE AND TECHNOLOGY COUNCIL
TAKNEEK '18
ON THE SHOULDERS OF GIANTS



Brain

Pool Event | Vegetable Battery | Points: 20

Team structure:

The teams can have maximum four members. Only one team from each pool can participate. Only Y18 can participate.(UG/PG)

Task: To generate the greatest potential difference across two electrodes, using only any vegetables or fruits you can find or buy as the electrolyte, under a fixed budget .

The budget also includes any electrodes that you may use. You have the freedom to use scrap metal as electrodes.

Rules and Regulations:

- 1.You can only use up to Rs 150 to buy any fruits or vegetables you need.
- 2.We will be noting prices of different vegetables before the event, and the same shall be used for book-keeping.
- 3.Any team that exceeds funds in any way shall get negative points.

Scoring Scheme:

A rank will be created based on the magnitude of generated voltage; Points will be assigned according to the rank. Extra preference to those who manage to show LEDs lighting up (Demonstrate continuous power generation)

Tie Condition Resolution:

Any ties will be resolved by a viva taken by any of the coordinators, where we will question your choices regarding your exact setup.

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Pool Event | Crime Run | Points: 30

Team structure:

The teams can have maximum four members. Only one team from each pool can participate. Only Y18 can participate. (PG/UG)

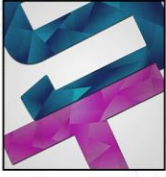
Problem Statement:

In the latest edition of Crime Run, your team of amateur detectives are tasked with solving a murder mystery by using your sharp wit and various forensic tools(which will be provided). Based on the clues you obtain, try to get to the bottom of the breadcrumb trail the criminal(or criminals?) have left for you; remember that the murderer is aware of the possibility of leaving any evidence.

Rules and Regulations:

- From every pool, ONE team consisting of FOUR members would be allowed to participate in this event. (Freshmen Only)
- 15 points are awarded for every successful test result (5 tests in all)
- 10 points are awarded for a successful result for the bonus side quest (1 test)
- 10 points are awarded for final successful identification of the criminal. (Suspect profiles will be provided)
- 5 points are awarded to the team who finishes the event in the shortest time.

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Tie breaker:

- The prime criteria for deciding the winner in case of ties would be on the basis of shortest time the team which finishes faster wins.
- In case of a tie in this time criteria, bonus questions would be posed to the teams until one emerges victorious.

Special Rules:

- Use of internet during the event is prohibited for all members in the working team
- Once a result is obtained for a test, the test cannot be conducted again.
- Remember you haven't got all the time in the world; people are dying even as we speak, so hurry and be a hero.

Incentives

Members of the winning team will get direct entry to the final shortlisting round of long term projects in the BSBE department.

All the best!

-Coordinators, Brain Club

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