Computer Engineering Student Association presents

TECH-A-THON

I2IT's very first 10 hours project marathon.

Innovation is the vital spark of all human change, improvement and progress. The sole motto of Ideate is to encourage youth to come up with innovative ideas to reform and transfigure the present situation in the world! Ideate provides a platform for young minds to showcase themselves through novel ideas having the potential to become the harbinger of change and crusader of the cause. Let's bring the change in the world!

I^{2}IT invites you to participate in our competition where students are required to submit ideas and selected ideas are required to implement their idea within the provided 10 hours. The competition is open for all students from all engineering institutes.

The timeline for the competition is as follows:
1. 12th September 2019 – Last date to register.
2. 15th September 2019 – Declaration of finalists.
3. 27th September 2019 – Grand Finale.

Participants are invited to come up with innovative technological solutions to any problem the society faces. The following themes are just guidelines to help you. You are free to think like an unconventional thinker and come up with great innovations.

Some sample domains are:
- Machine Learning
- Smart Communications
- Healthcare and Biomedical devices
- Agriculture and Rural Development
- Food Processing
- Robotics and Drones
- Data mining
- Blockchain
- Security and Surveillance
- Renewable Energy
- Embedded Systems
- Miscellaneous

Structure of the competition

The project title and abstract should be filled while registering.

After submission deadline, the declaration of finalists will be done on website on 15th of September, 2019.

After declaration of the finalists, participants are required to improve upon the prototype/working model of their project. They will also have to make a presentation covering the technical and financial (if any) aspects of their product in a detailed manner. The teams will have to present their idea and build a final working model of their ideas at the centre during grand finale on 27th of September. The working prototype should be as close as possible to the product that the team intends to present to the end user. This would help in deciding a better estimate of the cost of the prototype, reflecting closely the actual cost of the product.

The teams will be judged by a panel of experts on following aspects:

- ❖ **Creativity and Novelty:** How novel is the idea? How different is it from the current solutions available? The innovation must be ingenious and novel in its area of application and should have a high potential for leaving an impact on the society
- ❖ **Originality:** The innovation should not, by any means, include copied or stolen work, such applications will be disqualified immediately.
- ❖ **Implementation Ability:** Is the solution implementable as described? Is it repeatable? Is the solution feasible for diverse and changing conditions?
- ❖ **Scalability:** Is the solution scalable to a higher level, how easy is it to scale up and what are the factors affecting it?
- ❖ **Potential of Impact:** How does it benefit the society? The scale of problem it solves, intensity of the solution and number of people catered from the solution directly and indirectly.
- ❖ **Design:** Has the design been taken into consideration? How optimized and user friendly is the product?
- ❖ **Performance:** The user friendliness of the product. How easily are the customers able to use the product?
- ❖ **Durability and Usability:** Durability of the prototype/method proposed.
- ❖ **Cost/Market Value**
- ❖ **Acceptance**

In case of any discrepancies, the decision of the organizers or judges will be final and binding on all.

General Rules

➢ All projects being displayed will have a fair chance of receiving further development opportunities offered by funding organizations.

➢ Every team has to register online on our website for the competition.

➢ A team can register at any point of time before 12th of September 2019 and can submit final abstract (as mentioned in the structure).

➢ The decision of the organizers or judges shall be treated a final and binding on all. CESA has all the rights to verify the identity and accuracy of the details provided by the participants.

➢ No responsibility will be held by CESA for any late, lost or misdirected entries.

➢ The idea presented by the teams should be original (not protected by means of patent/copyright/technical publication by anyone).

➢ Note that at any point of time, the latest information will be that which is on the website. However, registered participants will be informed through mail about any changes on the website.

For further queries and details, contact

Akshay Biradar (+91)8149291023

FAQS

Q. Who can participate?
A. Any team of 3 to 4 individuals with a valid college ID.

Q. How to register?
A. Follow these steps for registration: bit.ly/techathoncompetition > Register > Fill all your details and team details as well as the project title and abstract > Click on submit > Now you shall be registered and will receive further instructions within a few days on given email ID.

Q. How many people can form a team?
A. One team can have a minimum of 3 members to maximum of 4 members.

Q. How many stages does the competition have?
A. Please go through the structure for this answer.