



Arduino Programming Challenge (APC) **Elecfest, Events, Shaastra-2019.**

→TERMS:

A) Format and Rules:

1. The contest is open to anyone with a knack for C or C++ programming and electronics hardware (if you have worked with arduino, you are the guy for it) .
2. It is a team contest with each team having a maximum of three members and minimum of one(ahh!) from the same institution.
3. There are two rounds and here's how the teams will progress:

TechGig(online round): This is an online round, the registrations for which will start from 25th of December,2018. Those who have registered on Shaastra website can take part in this round. Teams will be tested regarding their arduino and electronic hardware prototyping skill in this round through objective questions. Top 30 teams of this round will progress onto next round which will take place at IIT-Madras during Shaastra-2019.

Finals: Top 30 teams of the online round will move to Finals where they will be provided with hardware kits. They need to use their programming and hardware skills to come up with EFFICIENT solutions to the problems.

In the finals, teams will be ranked as per the **number of problems and/or efficiency of the code** solved. **Ties** will be broken by the total time (time elapsed from beginning of contest to the submission, verification of the code and it being correct) for each team in ascending order of time. The difficulty and number of questions in both the rounds will be known only **on the spot**.

B) Verifying and Judging Eligibility:

Elecfest team and Judges holds all rights to adjudicate on any dispute and verify your eligibility at any stage of the contest.

We can disqualify and forfeit the prizes of any team if they attempt to undermine the contest decorum by:

- 1) Violation of code of conduct at any stage;
- 2) Not complying with the terms listed in here;
- 3) Providing false information to become eligible for the prizes;
- 4) Misbehaving with other participant or contest administrators at any stage of the tournament;
- 5) Getting involved in any malicious activity during any stage of the tournament.

C) Cash Prizes: The exact cash prize for the top 3 finalists will be updated in our website. Top 3 teams will also get certificates.

The goodies for few onsite participants (based on special questions) will be handed over at the onsite event.

“As a participant you are expected to adhere to these terms, failing which, you will be disqualified from the contest at any stage and will not be eligible for any prizes. Your submission into the contest shall be taken as your agreement to the terms above.”

Contact us at apc@shastra.org for further details or queries.

