



Rules, Regulations, Terms, Conditions

ARM Design Challenge 2017

Prologue

Theme of ADC2017 is Autonomous Vehicle. ADC2017 is a team based event, among teams comprising of final year engineering students, mentored by a professor. Teams are to propose, (later) design and develop, Autonomous vehicle, demonstrate its functionality – in a phased manner, on the test track provided by ACCS, by moving and manoeuvring as per the signals, information, provided in a pre-defined format along the track

Introduction

ADC2017's modus operandi

1. Submission of the project proposal by August 31, 2017
2. All communications will be through www.accsindia.org portal. PI keep watching the portal for updates
3. Presenting to the jury during September 8-10, 2017, during ADCOM2017
4. ADC2017 teams will be selected by the jury based on these presentations
5. Institutions that have their team(s) selected for ADC2017 will be given 2 kits – One TVS' Three Wheeled Automatic Vehicle kit, One ARM Cortex M4 based control kit. The institutions can keep these kits with them – need NOT return back
 - a. Team is responsible for good upkeep, right use of the kits and bringing for their demonstrations at the next levels, if selected for
 - b. If the institution has more than one team selected for ADC2017, the teams might have to share the kits given
 - c. Team should purchase any add on components, fitments, they deem essential for realizing their idea, completely on their own, there will NOT be any additional financial support from ADC2017 Challenge
 - d. Institution is free to use the kits given for any other academic pursuit/purpose, after their association with ADC2017 is completed
6. Team has to design, develop and demonstrate the autonomous vehicle they develop over the test track(s) provided by ACCS, at each stage it is qualified for. Team has to bring their vehicle, associated electronics, to the demonstration place and take it back once done

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- Proposals submitted after the due date will not be considered
- Each proposal should be submitted along with the Institute with HOD's authorization of the Team and confirming the affiliation of the team members, along with their names
- Proposal should comprise of a team's design idea, architectural details, execution plan, time lines
- Proposal should be presented to the jury during September 8-10, at IITB Bangalore, during ADCOM2017
- Team should convince the jury about their idea – relevance, practicality, realizability; level of thought & detail put, about their ability to execute, among others
- Team need not show actual implementation, demonstration - for the first round presentations on September 8-10
- Decisions of the ADC2017 jury members in selection matters will be absolute, final and binding
- For any aspect not covered here, ACCS' decision is final and binding
- Team Composition
 - The design challenge is intended for final year students of B.E/B.Tech, studying in India, full time
 - Team HAS to have a institute professor mentoring them
 - Students of a team can be from different courses, departments, but can have ONLY ONE mentor
 - A team can comprise of a MAXIMUM of 4 students
 - One student can't be in more than TWO teams
 - Students from different institutions can be part of a common team, BUT the vehicle kit, electronics kit will be given, and hence belong to, the institution the mentor belongs to
 - All team members have to register for participating in ADC, at a individual, non-refundable, participation fee of Rs. 500 per participant i.e. For 4 member team, the total registration fees is 4*500 = Rs. 2000, for a 3 member team it is Rs. 1500 etc. This registration has to be completed before the project proposal is uploaded



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- Teams will have to make their own arrangements, at their expenses, to participate in ADC2017. ACCS will work with other partners to facilitate some, non-mandatory, accommodation options that can be considered by the teams as they deem appropriate
- Team will be given the kits ONLY ONCE
- Team can NOT alter the basic structure, content of the kits given, though add-ons, fitments to assist in achieving their project goals are OK
- Team is free to develop their initial design on any electronic platform of their choice, AS LONG AS, their demonstration at the zonals and beyond (as applicable) IS ONLY on the given NXP ARM Cortex M4 kit
- Team is solely and wholly responsible, accountable for any happenings, consequences that may emerge during, subsequent to the design, implementation, demonstration, any associated activities
- Institution and Team participating in ADC2017 understand unambiguously, accept unconditionally that the facilitators, namely – ACCS, ARM, TVS Motors, NXP, IITB, role is non-obligatory beyond conducting ADC2017, and they will NOT be liable, in any which way, to any extent, for any incidents, happenings, consequences that may happen during the entire period of their involvement in ADC2017. And these will include, but not limited to, any & all forms of – socio, medico, legal, regulatory matters
- ACCS holds all the IP & Legal rights of the solution developed or validated by the participating teams as part of this ADC2017 design challenge

We, the undersigned, solemnly aver that we are participating in ADC2017, totally on our own volition, have diligently gone through all of the above content, namely - *Rules, Regulations, Terms and Conditions*, concur and consent with the same. We agree and understand that ACCS is an enabling platform for ADC 2017 and all the associated, participating entities mentioned above are facilitators in different ways. They do not carry any other obligations, accountability beyond that, in any which way.

Participants – ALL Team Members & Mentor to sign below:

Signed and Certified by Head of the Department/Institution: