



EVER Egypt 2018

The Electric Vehicle Rally (EVER) is an energy efficiency competition challenging teams of university **undergraduate** students to conceive, design, fabricate, develop and compete with an Urban Electric One-Seater Vehicle that adheres to a set of safety rules, design constraints and performance targets. Accordingly, EVER Egypt provides students with a complete educational opportunity to apply their knowledge to build a product and evaluate their outcome through a complete dynamic experience.

For this first year of the rally, the competition will be on National Basis, all Faculties of Engineering in Egyptian Universities are welcome to register **one** competing team.

EVER Egypt organizers will review all applications and will start a selection phase to short-list the competing teams to join the rally.

Selection will be based on criteria that in short measures **the quality of the teams proposed entry, their spirit of competition of the team and their ability to deliver a competitive vehicle on time for EVER.**

Selection to be judged for all the registering teams and will be involving; the review of a **Design Report** that will be submitted by all registered teams after attending the EVER training academy and measurement of various team KPI's throughout this phase.

EVER Egypt will support the registered teams with technical and educational support (EVER academy and Q&A support).

EVER Egypt will also provide the basic vehicle components to the best **9 university** teams according to the provided baseline design, along with scheduled faculty visits by EVER technical team.

The winner of the rally will be the team, which has built and competed with the best package of design, total performance and most importantly energy efficiency. The teams will go through scrutineering and static design review by professional judges, at that time they will be evaluated for off-track awards.

After that, teams that have passed scrutineering will be eligible to race on-track and try to achieve the **best efficiency record** while facing a series of challenges that will demonstrate and measure car performance that they will face on track. In short, **the more distance you go the more points you make** but you must adhere to on-track rules and challenges to avoid penalties.



Only vehicles that comply with the Official Rules (**to be announced**) are allowed to participate. No vehicle shall be allowed on the track for practice or competition until the Organizers have approved it through scrutineering.

- **Provisional Key Dates:**

- EVER Registration Open: 26th of November 2017
- Early-Bird Orientation day: 14th of December 2017
- EVER Registration Close: 15th of January 2018.
- EVER Academy Orientation day: 20th of January 2018
- EVER Academy: 28th of January 2018 to 1 February 2018
- Design Report Submission Deadline: 2nd of March 2018
- Short Listed Teams: 12th of March 2018
- EVER Competition: 1st of September 2018.

****The Event organizers have the right to decide a fixed date for the event around 15 days (Before or After) this provisional date. The final event date for the competition will be announced at least one month before the event.**



- **First Phase Registration Requirements and Rules:**

1. Applications to enter the competition will be made via online registration.
2. By fact of their registration, participants accept all provisions of the Official Rules shown in the abstract above and agree to abide by all decisions made by the Event Organizers.
3. For each application, University Name, a Team Manager, and a Faculty Advisor must be designated. **Also, a University endorsement letters must be submitted. (Template attached).**
4. **In the University Endorsement letter the University needs to pledge support for for the teams transportation and accommodation costs regarding the competition for its team incase of acceptance to participate in EVER Egypt.**
5. A minimum of an additional 4 Team members must be added before the EVER Academy orientation day not including the Team Manager.
6. All team members including the team manager must be students enrolled at the registering institution.
7. The Team Manager is the Team's sole official contact person with the Organizers. All information will be addressed to him/her. For the purposes of the project, he/she will be responsible for the Team, must speak on behalf of the Team and must be able to understand and speak both Arabic and English.
8. Team Manager must provide his full contact details (Mobile Number and Email) in the registration and hold full liability incase of miscommunication due to incorrect contact details.

Notes:

- EVER Egypt is a non-profit event. Registration is open to all universities and institutions based in Egypt.
- The value of support** pledged by the University is not for use by or payment to EVER, but is to assure the support of the University to its competing team.