

Thailand First Formula Electric



今回の総合結果・部門賞

●総合 84位

Profile チーム紹介・今までの活動

A group of automotive engineering students, who have deep passion in cars and innovations, from Thailand. This is our first formula car ever. We built it from zero.

Team-member チームメンバー

Setsiri Setthachinda (CP)

Nuksit Noomwongs (FA), Wanchaleam Pora (ESA)
Chatpimuk Rujithamkul, Chattrin Liyamapornsakul, Jakkarin Sumethasorn, Nataphat Lertviriyasawat, Ton Kosiyabong, Napat Ankasing, Panitan Sakullertphasuk, Napat Supajanyawat, Chanawat Pornsuksawang, Sapol Wattanakittisak, Tawan Maneeganjana, Itthiphath Laokwansatit, Kiatkawin Chanchotanukul, Suttipong Rooprakaiaksorns, Sukrit Wongariyakavee, Manuchet Techachaiyanun

Presentation

プレゼンテーション

With pure interest in car and friendship, Chulalongkorn Formula EV Teams was established. Since it is the first car we ever build, we put so much hard works, as well as our sweats and tears. They are dreams and friendships that bind us together through these six months of burden.

With lack of experience and lack of supplier and sponsorship, we ignore those limitations and continue our project. We made this electric car with half-monocoque body to be the standard line for our next generation car. In design process, we draft the design again and again to optimize our car to the best from what material and parts we had.

The body is made by the simplest process, but it still have lower weight compared to space frame with same strength. The suspension points are placed at the best position that they could. We made and seek many parts hardly by ourselves since it is very hard to find readymade parts in our country. Surely, safety is our first priority. The electric system is strictly follow the rule with additional protection in some points. The arrangement is as neat as possible.

With strong ambitions, we will continue to make the best of us every year.

Participation report

参戦レポート

Our days in JSAE Auto challenge 2015, we have learned a lot from this experience since it was our first ever participation in an international event. We all know that it is not going to be easy to complete in this even. Since, day 1 that we have encounter the problem with the weather, that cause our unloading to delay.

Moreover, the event goes on with difficulty but valuable in term of experience. We work hard to get our car ready for inspection. Our goal as armature is that we try to make our car compatible with international rules of formula EV design manual.

Hence, we can claim that our car is truly the first formula EV ever made in Thailand. We are also interest in studying other teams' innovative design and make sure that our next generation team members to have a chance to study it.

Moreover, we also manage to capture an extra benefit from many world leading corporations in Automotive industry such as Honda, Toyota and Nissan. In the end, we push our team to the limit and this make us all proud that at least we did complete in JSAE with no regret as we did our best. Lastly, we manage to get our car electrical system checkup and also our mechanical, therefore, now know the problem with our design and what can be improve and that is the most valuable lesson we all get from this event.

Sponsors スポンサーリスト

SKF(Thailand), Lenso Wheel, Energy Absolute(EA), EGAT, PTT, BENDER, Chulalongkorn University, CU Engineering Alumni, YSS Suspension, SINGHA Corporation, Factory Gear, SCB, Sparco, OMP, CCS, CNC, Great Foam, COBRA, Federal, KIB, Kaguzo, ISE(International School of Engineering)

Team-Movie <http://www.jsae.or.jp/formula/jp/13th/movie/E4.html>