

## Other design works



# THE FRUIT OF CUMULATIVE WISDOM: POLYU E-FORMULA RACING TEAM

This is the most common question raised among members of The PolyU e-Formula Racing Team. Since the establishment of the team in 2015, members have been asking this in workgroups, at meetings, day and night. How collective wisdom led to their first successful complete autocross run in 2019 is one fascinating story.

"WHY THIS,  
BUT NOT THAT?"

Every year, team members hope the design of their racer could be even more creative and innovative. However, innovation and practicality are two parallel lines. Innovative designs may not always be practical. Hence, the sub-teams need to discover the problems then brainstorm the cause of them. Members would share all of their thoughts and possible solutions among teammates, senior members and team advisor, discuss together, and eventually a relatively satisfactory idea or solution would be reached at the end.

DIFFICULTIES?

Definitely a lot. Perhaps the most challenging one was to balance academic and racing team workload within the given deadlines.

For every season, the racing team has to design, manufacture and test their new formula student car and be technically and logistically ready to participate in Formula Student Competition.

Most importantly, for such a team with more than 45 members with over 25 international members, the most important task is to make sure the connection and communication between its many sub-teams are smooth and effective.

FORMULA  
STUDENT

Formula SAE (FSAE) and Formula Student China (FSC) are international collegiate design and manufacture competitions about automotive engineering for undergraduate and graduate students. They are often referred as the cradle of automotive engineers. FSAE/FSC are held globally each year in 5 continents in over 13 countries with over 570 teams worldwide.

The competition promotes careers and excellence in engineering design and project management skills as it encompasses all aspects of the automotive industry including research, design, manufacturing, testing, developing, marketing, management, and finance.



# Photography

