

Team Red-X Had Successfully Participated in Shell Eco Marathon, France 2018

Team Red-X of Ahsanullah University of Science and Technology (AUST) has participated in Shell Eco Marathon France 2018, from 29th May to 1st June and had successfully achieved 3rd position in Urban Concept ICE Category among the 50 participants of the competition. **This team was the only team from Bangladesh, even only from Asia.**

Shell Eco-marathon is one of the world's leading energy efficiency competitions. Students are challenged to design, build and test energy-efficient cars, pushing the boundaries of what is technically possible. Students take their designs to the track in the Mileage Challenge to see which vehicle can compete to go the farthest on the least amount of fuel.

The competition is split into two classes or categories viz. **Prototype and Urban Concept.**

1. The **Prototype** class focuses on maximum efficiency, while passenger comfort takes a back seat.
2. The **Urban Concept** class encourages more practical designs. Cars are also divided by energy type:
 - In the internal combustion engine (ICE) category, vehicles are powered by the fuels include petrol, diesel, liquid fuel made from natural gas and ethanol.
 - In the electric mobility category, vehicles are powered by hydrogen fuel cells and lithium-based batteries.

Team Red-X is a team formed with selected few students from MPE and EEE department of AUST. They have been working since 2016 and had participated Shell Eco Marathon Asia successfully which was held in Singapore in 2017. In France, they had successfully completed all of the test given by the organizers and achieved a valid run in the track. They had shown exceptional work in vehicle designing, fabrication and fuel efficiency. They took **3rd position in Urban Concept ICE category** and **2nd in Urban Concept Gasoline Fuel Category**. In this competition only 9 teams got the valid run and Team Red-X was one of them, where most of them were European teams.



A few Bangladeshi and International Companies sponsored them in their journey to France. Globatt was their title sponsor. Other sponsors were Monami Group, Novo Cargo Services, Bikalpa Chemical Industries, KIA Motors, Agility Ltd and Aridod Tech Service Ltd. Their media partners were Somoy TV, The Daily Sun and Sarabangla.net.