



- ✓ Design, build and drive solar powered electric vehicle from Kochi to Delhi, traversing across India, around 3000 kms.
- ✓ Test the speed of the solar car in a racing track at 60 to 120 km/hr.
- ✓ Meet the international competition standards and ensure the safety of the vehicle and passengers
- ✓ Get ready for this gigantic event which will be held in March 2021.

Such a challenge calls for design innovations, application of research, use of cutting edge technologies and scouting for expert opinions. It aims to solve the burning issue of energy scarcity in the electric mobility front with the use of renewable source – Solar PV. Though there are around 10000 technical institutions and around 30 lac engineering undergraduates in India, producing 25% of engineers in the world, we are lagging behind in the international competitions to have indigenous technologies developed for the EV sector.

It is organised in line with World Solar Challenge, Australia by a consortium of organisations like AICTE, ICAT, SCGJ, ASDC, IEEE, TERI and coordinated by Vijnana Bharati. The team will get support in the form of a boot-camp workshop to understand the details of building a solar powered vehicle from experts in the industry. There will be a panel of mentors to support designing and building the vehicle. They could register a start-up venture to manufacture OEM components for EV sector and get other benefits from the incubation centres.

Anyone can build a multidisciplinary team and start the registration process through the link: <https://www.suryakranti.org/>

Early bird registration closes on 29 February 2020

Last date of registration 31 March 2020

SuryaKranti Solar Challenge India

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