

Vidya EEE students develop cost-effective Electric Go-Kart



The students from Vidya are trying to bring a change.

Air pollution created smoke and toxins for the racing cars. Electrical department students of Vidya have built a cost effective Electric go-kart as part of their final year project. They have built this fully electric go-kart in which Brushless Direct Current (BLDC) motor is used instead of engine. It is also equipped with a solar charger unit. The team is planning to incorporate a real-time monitoring that helps another person to control it from the outside. This go-kart weighs 65 kg and can load up to 200 kg. Its construction is at a very low cost compared to engine go-karts that cost around 2 lakhs.

The newly developed 'Electric go-kart', attracted lots of print and electronic media attention .

The Team

Akshay V S, Brindha Shaju, Sanju Paulson and Jithu John K (S8, EEE Dept)	
Guide	Ms Sheeja G (Asst Prof, EEE Dept)
Co- Guide	Dr Sudha Balagopalan (Dean – Academics)

The team grabbed many prizes as follows:-

1	PRAVAH 2K23 at Sreepathy Institute of Management and Technology	First
2	E-POLARITY at Mar Baselios Christian College of Engineering and Technology, Peermade	Second
3	SRISHTI' at Jyothi Engineering College	Second
4	PRISMA'23 at Christ College of Engineering	Third

The Editorial Team of *News & Events* joins the entire Vidya fraternity in extending heartiest congratulation to Ms Brindha, Mr Akshay, Mr Sanju and Mr Jithu on this impressive accomplishments that added feathers to the achievement and wishing all the best to bring laurels and scale new pinnacles !!!

