

# Vidhyug 2.2 series electric scooters launched

**MANGALURU, DHNS:** 'Vidhyug 2.2 series' electric scooters, designed and developed by the Centre for System Design (CSD), NITK Surathkal and supported by NITK Surathkal Alumni association, Mumbai Chapter, were launched on the NITK campus on Thursday.

Vidhyug 2.2.1 has been designed for electrical engineers to conduct site visits, supervise the ongoing works and solve emergency or even non-priority-based complaints around the campus. CSD's E-mobility project Head Dr Pruthviraj U said.

Vidhyug 2.2.2 is developed for civil engineers for a site inspection of building constructions, supervising the ongoing civil works, attending and resolving civil works-related issues.

Vidhyug 2.2.3 is mainly for powerhouse technicians for



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monitoring various power house-related works, attending to emergency issues, switching on or switching off street lights on the campus.

Vidhyug 2.2.4 is designed for pump operators to operate the pump at appropriate hours, perform gate valuation works, monitor overhead or sump tanks and also to open wells and pump wells, explained Dr Pruthviraj of the Department of Water Resources and Ocean

Engineering.

The features of Vidhyug 2.2 includes a 72V 25Ah Lithium-ion battery running a 1000W BLDC hub motor. "Vidhyug 2.2 gives a range of 60 km with a top speed of 55 kmph and gradeability of 12 Degrees. Vidhyug 2.2 comes with a telescopic front suspension, Monoshock rear suspension, Swappable seat/storage and a multi-utility carrier."