

Experimental Electric Scooter

In order to inspire the students for undertaking scientific projects, find solutions to mitigate environmental challenges and to popularize science, the Research and Innovation Wing of the college undertook a successful conversion of a petrol driven scooter into an electric scooter. An old Honda Activa Scooter was used in this experiment. After removing the petrol engine, we successfully installed a 850 watt hub motor, double shockers, a controller and a 48V 24A Lithium Iron Phosphate battery, tubeless tyres, a DIY headlight and converted the petrol scooter into an electric bike. It gives a mileage of 50-60 Km per battery charge. This experimental scooter was showcased on the eve of International Day for Blue Skies-2021. Hence, the scooter has been named as 'Bluesky'.





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