

## Workshop on EV Design (29<sup>th</sup> Dec, 2022)

Electric vehicle (EV) design involves creating vehicles powered by electric motors and rechargeable batteries, replacing traditional internal combustion engines. EVs are designed with a focus on energy efficiency, aerodynamics, and optimal battery placement. Streamlined bodies, lightweight materials, and regenerative braking systems are utilized to maximize range and improve efficiency. Interior designs cater to the unique characteristics of EVs, with attention to battery placement and charging infrastructure integration. EV design also emphasizes user experience, with intuitive interfaces and advanced connectivity features. As the demand for sustainable transportation grows, EV design plays a vital role in creating attractive, eco-friendly vehicles that meet the needs of modern consumers. The Eureka Prize Problems society, under the mentorship of Dr. Souvik Ganguli and Dr. Amit Kumar organized the online workshop on EV Design on 29<sup>th</sup> Dec, 2022 in association with Pantech e Learning. The program link is provided below:

[https://www.youtube.com/live/I\\_TU2TwoxFU?feature=share](https://www.youtube.com/live/I_TU2TwoxFU?feature=share)

