

**PRAGATI ENGINEERING COLLEGE : SURMAPALEM
(AUTONOMOUS)**

**Report on "Design, Modelling and Development of Go-Kart
Vehicle"**

Date: 12.9.2023

A One-day awareness programme on 12th of September 2023 about Design, Modelling and Development of Go-Kart Vehicle" was organized by Department of Mechanical Engineering of Pragati Engineering College. In this session Go-Kart student coordinators Mr A. Hemanth raja and Mr.P.Sarath has explained about the design process of the vehicle which is based on various engineering aspects such as Safety and Market Availability, Financial Management such as Cost of the Components, in which a total of 55 students of Mechanical Engineering Department have attended to the workshop.



For any student the knowledge on how to participate in any event is very important so they were also taught how to apply for the upcoming events and challenges to be faced in events, how the procedure followed in Go Kart events, introduction about how to design and develop Go-kart and importance of Fuel system, Ignition system, Lubrication system, Cooling system, Braking system and Steering system, Developing of Go-Kart using 4 stroke engines and how to design and develop the body of Kart in order to gain better aerodynamics.



Dr. G. Avinash, HOD, Mechanical Engineering Department congratulated the students and faculty members for their efforts. Mr.D.J.Johnson, Co-ordinator of the event concluded the session recalling all the topics which were taught and guided the students for further proceeding.

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