The Cardinal Velo competed in the 2022 ASME Human Powered Vehicle Competition. The team vision was to minimize the overall coefficient of "#" " " " " " " " " " " " " " " " " "	
The vehicle must be able to come to a complete stop it orn a speed of 25 km/hr within a distance of 6 meters.  The vehicle must be able to turn within an 8 meter radius.  The vehicle must be stable enough to travel for 30 meters in a straight line at a speed of 5-8 km/hr.  Each front wheel must have own brake.  The vehicle must have a rollover protection system (RPS) which protects any driver of the vehicle  Must not show any permanent deformation or fracture against subjected test	