

ABSTRACT

Car parking system was designed using a new innovative concept and implementation procedure was presented. Modern development and economical progression of Indian society resulted in increase of people on railway platform , increase of vehicle on the road, due to space constraints, in hospital is major problem of the country. Zero Turn Vehicle system used in Jeep Hurricane was so complicated because the wheel positioning system was directly connected to the steering system, due to that reason the project was proposed to solve that problem by new concept of Zero Turning Four Wheel Mechanism with mechanical linkages operated system. In this system at first vehicle is stopped and wheels are then turned in the required direction with the help of steering system. It has turning radius nearly equal to negligible of the length of car itself. This vehicle can move in all direction at a same position by using of steering, sprocket, DC motor, bearing and chain drive. The vehicle can rotate at their centre position in 360 degrees. And if any vehicle rotate in at 360 degrees, then it will easy to solve the parking problems in at public places, malls, multiplexes etc.