



# **SAPTHAGIRI COLLEGE OF ENGINEERING BENGALURU-560057**

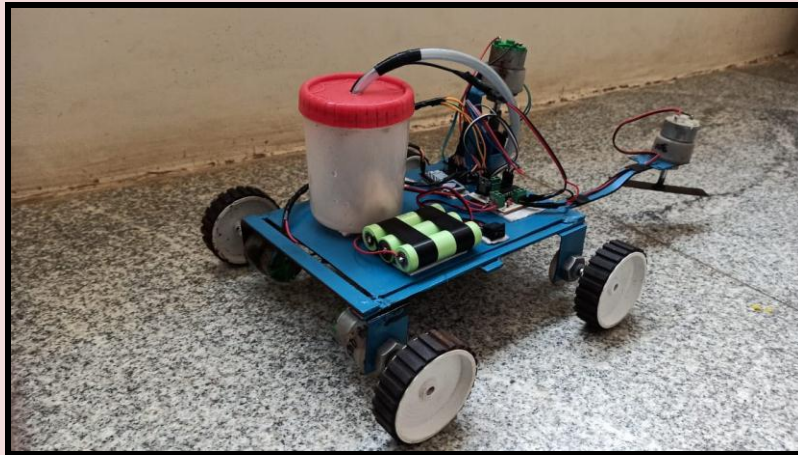
(Accredited by NAAC with "A" grade)  
(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)  
(Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

**Academic Year 2020-21**

## **DEPARTMENT OF MECHANICAL ENGINEERING**

### **FINAL YEAR PROJECTS**

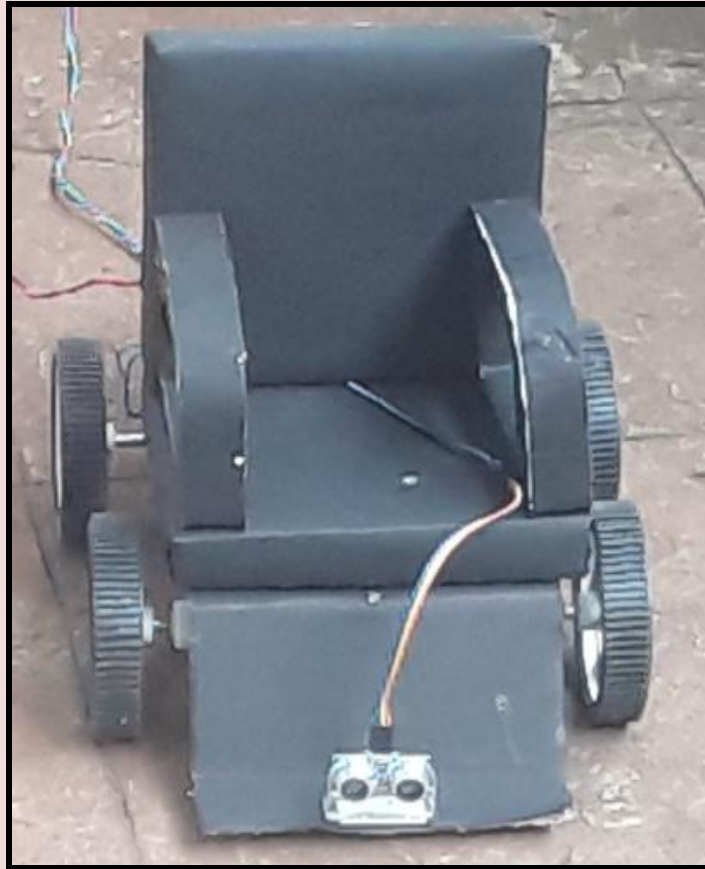
#### **BEST PROJECTS**



**Smart Irrigation Vehicle**



**Agricultural Weedier and Sprayer Machine**



**Design and fabrication of automated wheelchairs**



**Blue Tooth Operated 4 Wheel Steering Mechanism**



**Multipurpose Agriculture Vehicle**



**Automated Bottle Filling Machine**



**Fabrication of exoskeleton arm**



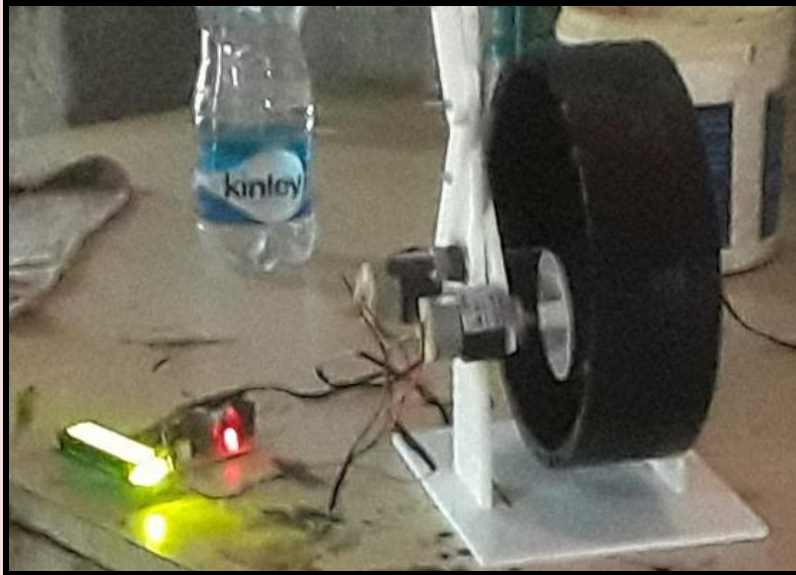
**Two Wheeled Mini forklift**



**Battery Operated Forklift Using Wireless System**



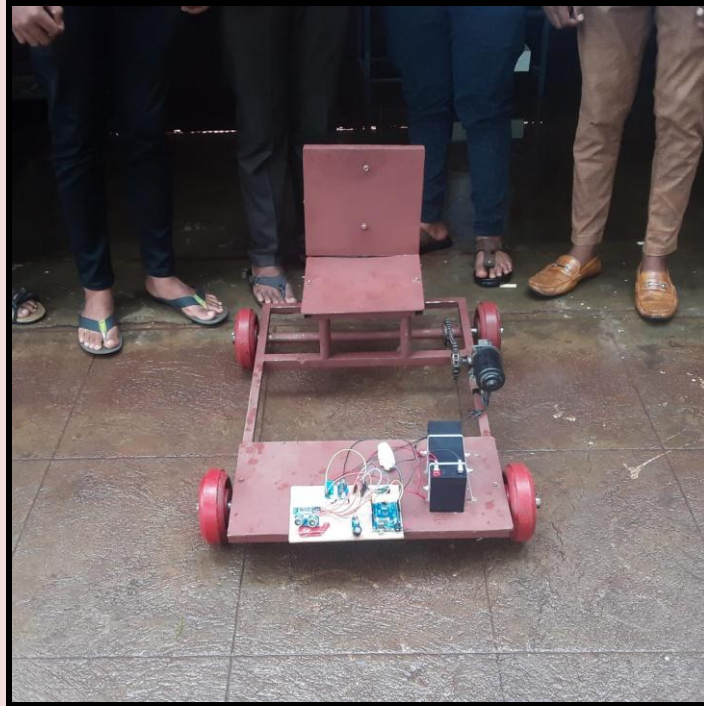
**Foldable E-Bike**



**Electromagnetic Braking System**



**Water pumping and power generation by using swing action**



**Alcohol detector and smart braking system**



**Pesticides sprayer using scotch yoke mechanism**



**Manless Remote Controlled Weapon System**

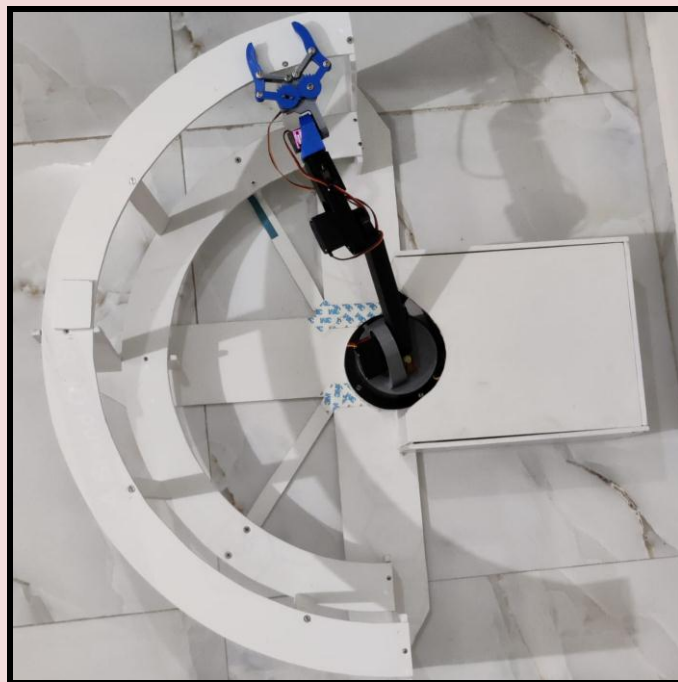


**Tilting Mechanism For Tricycle With Brushless Motor**





**Arecanut tree climbing and Pesticide Spraying Machine**



**Collaborative Robot for Inspection**