

## MECHANICAL PROJECTS

## **HARDWARE PROJECTS**

1. Hybrid Walking/Flying Service Robot **(MCTE + ME)**
2. Belt conveyer with pick and place.
3. Usage/ Treatment of Produced water: Design and Evaluation of a treatment facility.
4. Design of Multiple Application Airplane
5. Robotic pick and place
6. Development of Color sensor application for industrial use.
7. Pneumatics based crane (two/four )cylinders
8. Hydraulic crane ( three cylinder)
9. Pneumatics based pick and place
10. Kroto Finder.
11. Smart window
12. Solar operated drill machine.
13. Hump power generator
14. Gym Power Generator
15. Tracking of Solar energy according to time with lightning system
16. Automatic Gun firing Rotation for Indian ARMY
17. Solar operated cutting machine
18. Automatic and Remote controller screw jack
19. Solar cell operated motor cycle
20. Color sensor and pick and place with belt conveyer
21. Belt convayer with pick an dplace and digital counter.
22. life saver for industries machine
23. Automatic 2,3 and 4 Point drill machine.
24. Submarines Remote controlled /Automatic for NAVY
25. Safest Saw Mill.
26. Recycling of Car-Wash Waste Water
27. Un manned railway gate automatic opening and closing
28. Vehicle crane auto/remote controlled for 1kg weight
29. Solar Dryer
30. Design of Solar Dryer – Phase 2
31. Optimization of Power Turbine Network
32. Design of Liquid Filling Machine
33. Hydrogen Car
34. Car theft and accident preventer
35. Portable Crane
36. Pick to place Robo using a computer through wireless
37. Wind Power Generator.
38. Solar Tracking System with water pump.
39. Hybrid power generator.
40. Wind mill operated drilling machine
41. Wind mill operated cutting machine

## **ANALYSIS PROJECT TITLES/ CAD,CAM TOOLS**

1. Automotive roof strength determination using FEM analysis
2. Normal mode analysis of the automotive (car) Body-In-White (BIW).
3. Passenger Vehicle Bumper design for low speed impact compatibility
4. Door Trim Arm Rest Push Analysis
5. Door Trim Roll over push analysis Normal mode analysis of the automotive (car) exhaust muffler.