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MECHANICAL MINI PROJECT TITLES

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Mechanism project

1. Gear less tranction using drilling
2. Gear less tranction using grinding
3. Gear less tranction using cutting
4. Angular tranction system winh any angle
5. Geeneva wheel mechanism using conveyor system
6. Geeneva wheel mechanism using papper punching
7. Geeneva wheel mechanism using papper cutting
8. Box transwer mechanism
9. Scoketch mechanism using double hack saw
10. Quick return mechanism using power hacksaw
11. Quick return mechanism using double side hacksaw
12. Multi purpose drilling ,grinding, cutting machine
13. Drainage water cleaning
14. Pedal operated water purication system
15. Pedal operated air compressr &grinding wheel &exhaust source
16. Dual water pumping system
17. 90 degree car parking system
18. Automatic air filling system
19. Eight leg robot
20. Pneumatic bumper
21. Dual water pumping system by single motor by scotch mechanism

22. Contact less breaking system using magnet
23. Reverse gear mechanism
24. Beam engine using circular hacksaw

AGRICULTURE PROJECTS

- Seed Sowing Machine For Agriculture
- Agriculture Sprayer By Hand Operated Vehicle
- Skotch mechanism using lawn mover
- SOLAR AGRICULTURAL WATER PUMPING SYSTEM WITH AUTO TRACKING
- AGRICULTURE THREE IN ONE MACHINE
- **Portable cutter for agriculture bevel gear system**
- **Paddy harvesting system**
- Solar agriculture water pumping system

PEDAL OPERATED PROJECTS

1. Fabrication Of Pedal Operated Centrifugal Pump 2 ft
2. Fabrication Of Pedal Powered Drilling Machine
3. Fabrication Of Pedal Powered Water Pumping System
4. Fabrication Of Pedaling Compressor
5. Pedal Operated Hacksaw
6. **DOUBLE ACTING HACKSAW MACHINE - USING SCOTCH-YOKE MECHANISM**

ENGINE PROJECT

- Over Speed Indicator And Fuel Cutoff System
- Turbo Charger To Increasing The Efficiency Of Petrol Engine
- Efficiency Increasing System In Automobile By Preheating Method
- Multi Fuel Single Cylinder Engine Run By Petrol And Lpg Gas

- Noise And Emission Control Petrol Engine Using Aqua Silencer
- Power Generation From Exhaust Gas
- Air Engine
- Air engine with four wheeler
- Exhaust Air Jack production system
- Exhaust gas breaking system
- Two Wheeler Tractor
- Reverse Gear In Two Wheeler

HYDRAULIC PROJECTS

1. Mini Hydraulic Press
2. Hydraulic Pipe Bending Machine
3. Hydraulic Bearing Puller
4. Hydraulic Cable Clamp Pressing Machine
5. Hydraulic Controlled Crane Machine
6. Hydraulic Heavy Sheet Cutting Machine
7. Hydraulic Jack
8. Hydraulic Liner Puller For Automobile Engines

9. Hydraulic Metal Rod Bending Machine
10. Hydraulic Mobile Crane
11. Hydraulic Operated Lifting Table For Four Wheeler
12. Hydraulic Operated Punching System
13. Hydraulic Power Press
14. Hydraulic Railway Gate Close & Open System
15. Mini Hydraulic Zig Zag Bending Machine
16. Hydraulic Sheet Bending Machine
17. Hydraulic Floor Crain Motored
18. Hydraulic Fork Lift
19. Hydraulic Metal Rod Bending Machine
20. Battery Operated Electro Hydraulic Jack
21. Hydraulic Break Show Riveting Machine

22. Hydraulic Multi Purposr Lifting And Angle Bending
23. Hydralic Plate Bending Machine
24. Hydralic zig zag pipe Bending machie
- 25.

PNEUMATIC PROJECTS

1. Pneumatic Jack
2. Pneumatic Vice
3. Pneumatic Reciprocating Grinding Machine
4. Angular pneumatic hacksaw
5. Auto Feed Pneumatic Vice
6. Pneumatic drilling machine
7. pneumatic automatic vegetable cutting machine
8. Pneumatic Drilling And Tapping Machine
9. Automatic Pneumatic Paper Cutting Machine
10. Automatic Pneumatic Hammer
11. Pneumatic Forging Machine
12. Pneumatic Cup Making Machine
13. Automatic Pneumatic Vice And Jack
14. Pneumatic Spiral Punching Machine
15. Pneumatic Conveyor
16. Pneumatic Forging Machine
17. Pneumatic Power Generation
18. Pneumatic Garage Door Opener
19. Pneumatic Cylindrical Honing Machine
20. Pneumatic Ground Driller
21. Pneumatic Door Open-Close System
22. Pneumatic Bearing Press
23. Pneumatic Sheet Bending Machine

24. Automatic Pneumatic Water Pumping System
25. Automatic Pneumatic Stand For Two Wheeler
26. Automatic Pneumatic Riveting Machine
27. Automatic Pneumatic Ramming Machine
28. Automatic Pneumatic Punching Machine
29. Automatic Pneumatic High Speed Sheet Cutting Machine
30. Automatic Pneumatic High Speed Hack Saw Machine
31. Pneumatic Reciprocating Grinding Machine
32. Pneumatic Shaping Machine
33. Pneumatic Lifting Step In Buses.
34. Automatic Pneumatic Internal Pipe Scrap Removing Machine
35. Pneumatic Double Side Cutting Time Reduction In Shaper
36. Pneumatic Can Crusher
37. Pneumatic Operated Emergency Braking System
38. Angular Pneumatic Hacksaw
39. Fabrication Of Pneumatic Operated Vegetable Cutting Machine
40. Zig Zag Lift Pneumatic
41. Design And Fabrication Of Pneumatic Sheet Bend And Removing

42. Design And Fabrication Of Pneumatic Bearing Puller
43. Fabrication Of Pneumatic Jib Crane
44. Fabrication Of Pneumatic Railway Gate Control System
45. Automatic Pneumatic Jaw Crushing Machine
46. Pneumatic Sheet Metal Cutting Machine
47. Pneumatic Auto Gear Changer
48. Pneumatic Glass Cutting Machine
49. Automatic Pneumatic Grass Cutting Machine
50. Remote Operated Pneumatic Crane
51. Automatic Pneumatic Side Stand For Two Wheeler
 - a. Automatic Pneumatic Lifting Table
 - b. Automatic Pneumatic Moulding Sand Filtering Machine
 - ii. Automatic Pneumatic Flat Filling Machine
 - iii. Automatic Pneumatic Spiral Punching Machine
52. Automatic High Speed Bottle Washing Machine
53. Pneumatic Pipe Bending Operation
54. Pneumatic Fork Lift
55. Pneumatic Hammer

56. Fabrication_Of
Cleaning_Machine

Pneumatic_Floor

57. Hydro-Pneumatic Vice Using Pressure Booster

58. Hand operated pneumatic drilling & grinding

POWER GENERATION PROJECTS

1.Shock Absorber Power Generation

2.Speed Brake Power Generator

3.Railway Track Power Generation

4.Pedal Operated Power Generation

5.Rotating Gate Power Generation

6.Wind Mill Power Generation

7.Power Generation In Public Water Tank

8.Thermal power plant

9.power generation from wind, solar and rain water

10. power generation using treadmill

11. grative power generation

MOTORIZED PROJECTS

1. Multipurpose Power Tool Innovative
2. Motorized hammer
3. motorized can crusher
4. motor operated vegetable cutting machine
5. motorized jib crane
6. Motorized Sheet Metal Rolling Machine
7. Motorized Screw Jack
8. Motorized Jib Crane
9. Automatic Motorized Power Hack Saw
10. Motorized Jack With Clamper
11. Motorised Hydraulic Jack
12. Motorized Vise
13. Motorized Scissor Jack
14. Motorized Paper Punching Machine
15. Zig Zag Lift Motored
16. Motorized Bottle Cutting Machine

SOLAR AND OTHER PROJECTS

- 1.Solar Using Tapping
- 2.Solar Using Drilling
- 3.Solar Using Reaming
- 4.Solar Water Heater
- 5.Solar Wood Cutter
- 6.Solar Motorized Jack
- 7.Hydro Power Plant
- 8.Break Frailer Indicator
- 9.Spring Making Machine
10. Automatic Board Cleaning By Using Rack And Pinion
11. Fabrication Of Reaming Machine
12. water pumping system using wind power
13. Abrasive Jet Machining
14. Implementation Of Vechicle Overload Inducator Using Sensor
15. Mechanical Side Stand Remover While Applying Clutch
16. Pneumatic Automatic Vegetable Cutting Machine
17. Spring Testing Machine

18. Electro Magnetic Braking System
19. Pedaling Water Pump In Bicycle
20. Pneumatic Belt Conveyor
21. Fabrication Of Pipe Cutting Machine
22. Floor Cleaning Machine
23. Mechanical Crane
24. Wind Energy Vehicle
25. Wind Mill Power Generation
26. Wheel Chair Cum Stretcher Model
27. Grass Cutting Machine
28. Automatic Side Stand Retrieve Two Wheeler
29. Slotting Attachment In Drilling
30. Automatic Head-Lamp Dim And Bright
31. Agricultural Water Spraying
32. Spring Rolling Machine
33. Object Counting For Conveyor
34. Automatic Work Piece Counting Machine
35. Water Pumping System Using Wind Power

ENGINE PROJECTS

1. Power Generation From Exhaust Gas
2. Noise And Emission Control Petrol Engine Using Aqua Silencer
3. Air Engine
4. Efficiency Increasing System In Automobile By Preheating Method
5. Turbo Charger To Increasing The Efficiency Of Petrol Engine
6. Over Speed Indicator And Fuel Cutoff System
7. Electro magnetic gear shifting mechanism
8. Break failure indicator
9. lpg to two stroke gasoline engine
- 10.

GEAR PROJECTS

1. Bevel gear press
2. Pneumatic gear tooth grinder
3. Pneumatic auto gear changer for induction motor
4. Automatic gear changer
5. Automatic pneumatic gear changing system for four wheeler

6. Multi wheel nut remover and tightener
7. Quick lifting jack with bevel gear arrangement
8. Rack and pinion vice
9. Fabrication of multi spindle drill head
10. Fabrication of multi nut tighter or remover
11. Sheet rolling machine
12. Pedal operated drilling machine