

B. Tech, Mechanical Engineering Students Projects

1. Concentric Tube Heat Exchanger
2. Shell and Tube Heat Exchanger
3. Heat Pipe Demonstration
4. Pin Fin Apparatus
5. Pipe Friction Apparatus
6. Calibration of Rotameter
7. Calibration of Thermocouple using water bath
8. Calibration of Venturi meter
9. Calibration of Orifice meter
10. Set up to determine constants of an Orifice
11. Over-Head Gantry Crane
12. Design and Manufacture of progressive Die
13. Abrasive Jet Machining
14. Air cooler using Solar Energy
15. Vapour Compression Test Rig to Determine COP
16. Air conditioning system to study cooling and humidification
17. Setup to Study Pure bending of Beam
18. Set up for studying Deflection of Leaf Spring
19. Turn Table to study M.I. of Disc
20. Electrical Analogy of Fluid Flow Mesh
21. Compressed air Run Engine
22. Set up for verification of Bernoulli's Theorem
23. Pneumatic Comparator
24. Solar Tracking
25. Conveyer for Quality control

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26. Agitator
27. Threading machine with Programmable Controller
28. Hydraulic Arm
29. Two Axis Sliding Table
30. Thermocoal cutting machine using CNC
31. Solar Dryer
32. Automatic Pneumatic Door Opener/ Closer
33. Automatic Toilet waste Disposal for Trains
34. Turret tool Changer for NC/ CNC Machines
35. PCB Drilling Machine
36. Electronic Power Steering

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