



GOVERNMENT ENGINEERING COLLEGE, DAMAN
DEPARTMENT of MECHANICAL ENGINEERING
BASIC MECHANICAL ENGINEERING

4 Stroke Diesel Engine Cut Section Model





Two Stroke Diesel Engine

1. Crank Case
2. Crank Shaft
3. Connecting Rod
4. Piston
5. Cylinder
6. Inlet Channel
7. Outlet Channel
8. Overflow Channel
9. Choke
10. Air Cleaner
11. Nozzle Body
12. Nozzle Needle
13. Pressure Socket
14. Injection Nozzle
15. Governor Spindle
16. Pump Cylinder
17. Delivery Pipe
18. Pressure Valve
19. Pump Piston

DEMONSTRATION MODEL

TWO STROKE DIESEL ENGINE



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2 Stroke Petrol Engine Cut Section Model





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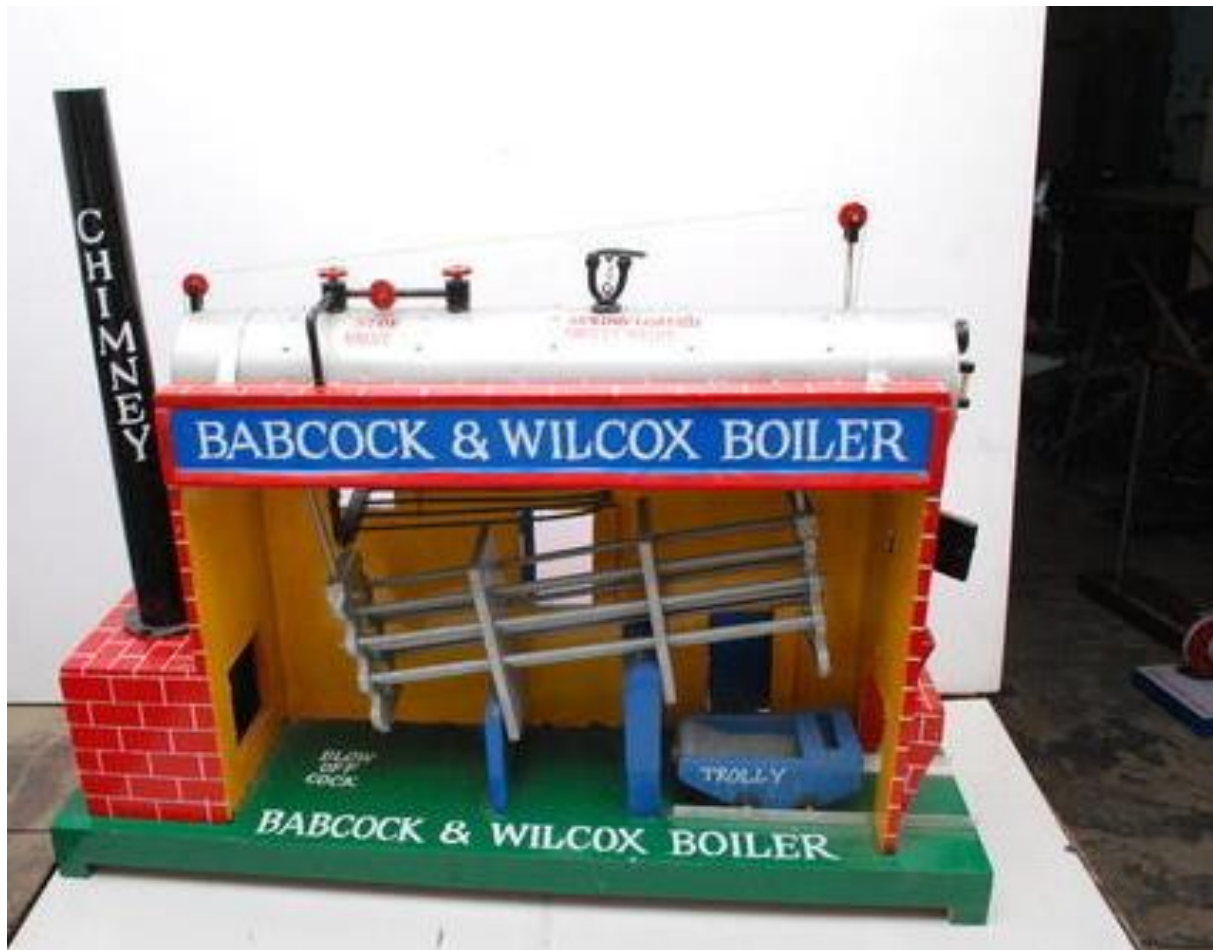
Model of Cochran Boiler





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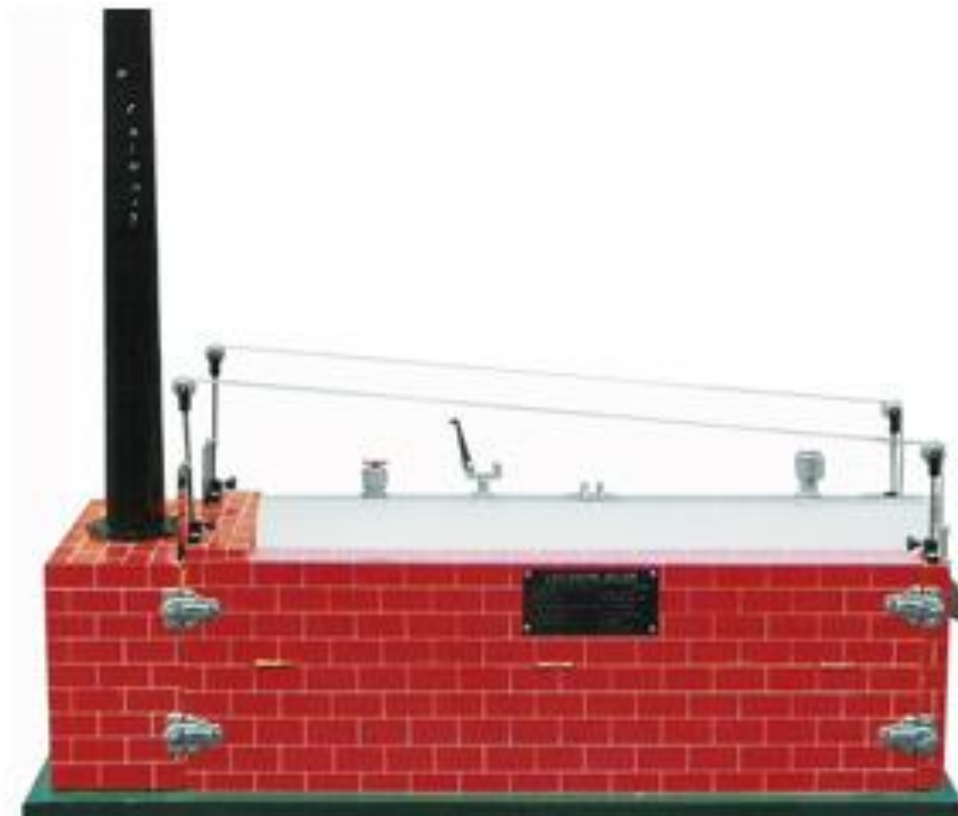
Babcock and Wilcox boiler demonstration model





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Lancashire Boiler demonstration model





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Lever Safety Valve model





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Spring Loaded Safety Valve model





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Dead Weight safety valve model





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Combined High Steam & Low Water Safety Valve model





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Water gauge model





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Feed check valve





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Steam Injector model





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Blow off cock model





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Fusible plugs Set of Three





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Expansion Steam Trap Model





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Float steam trap model





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Economizer model





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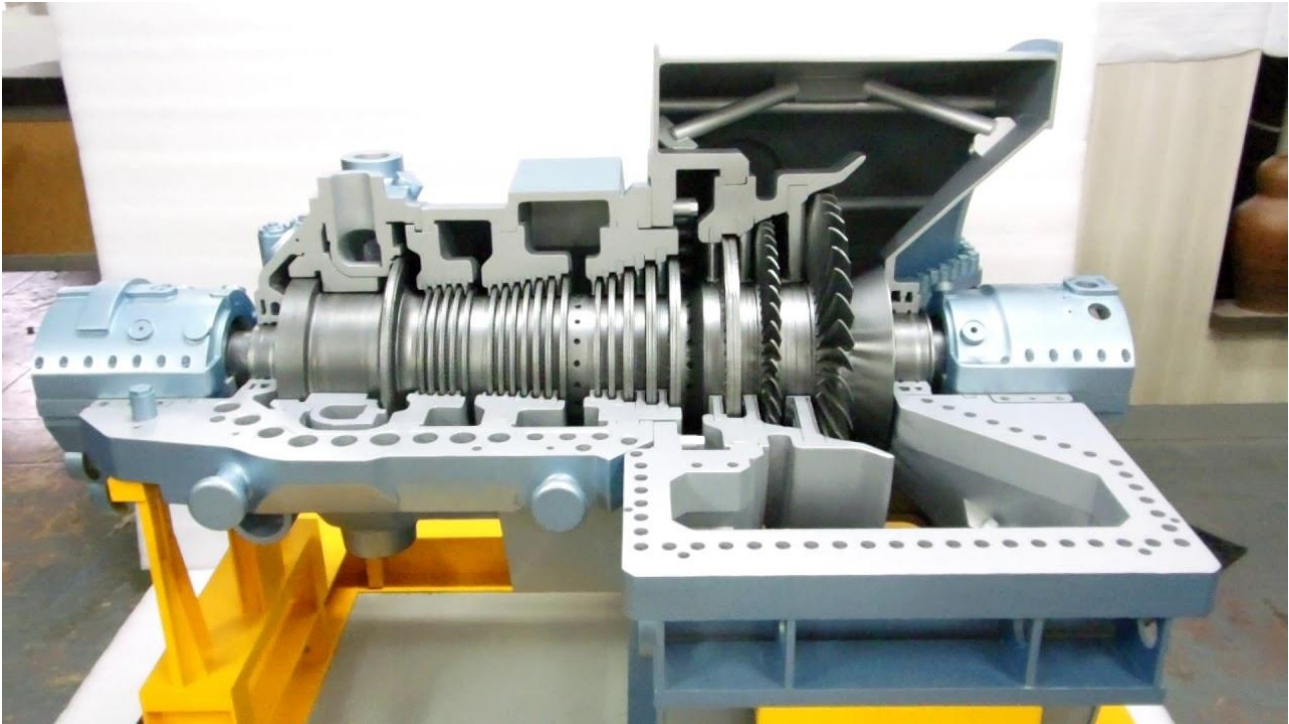
Gas turbine demonstration model





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Steam turbine cut section model





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Cut section model of Pelton wheel turbine





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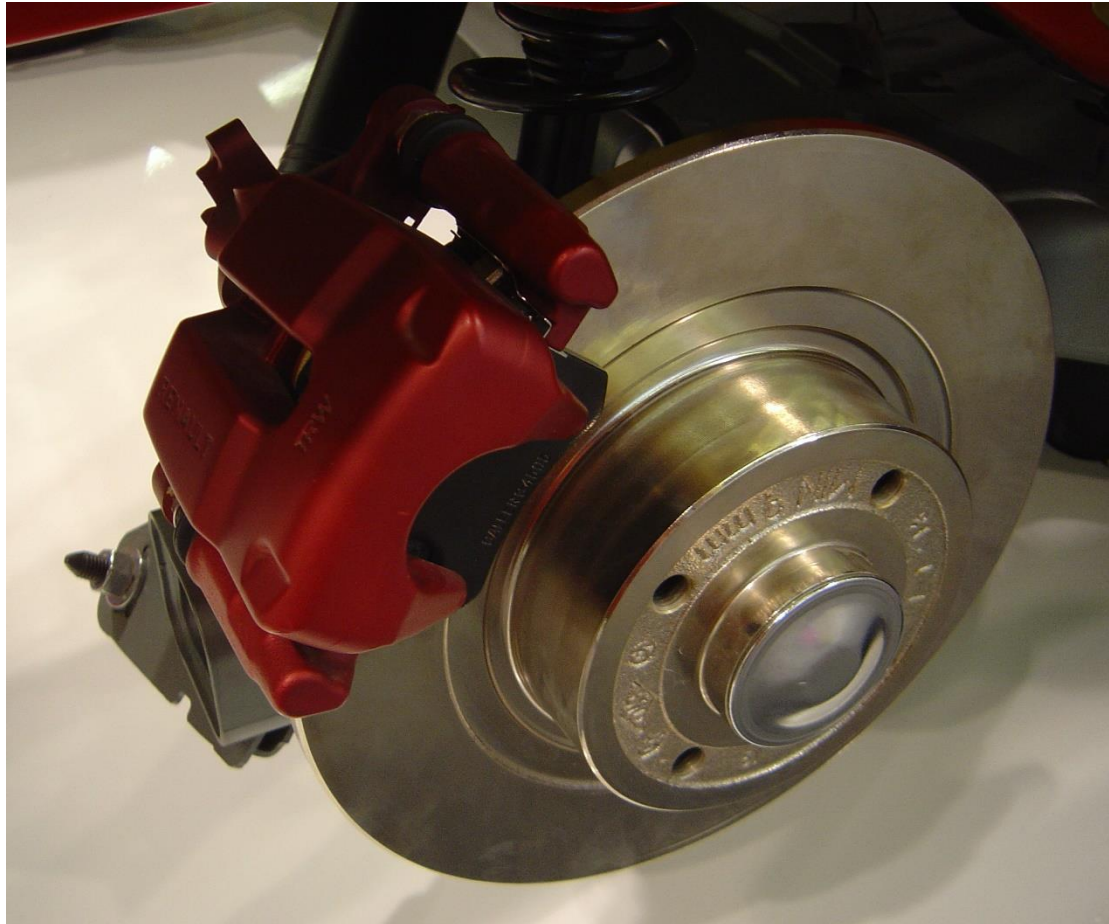
Air Brake model





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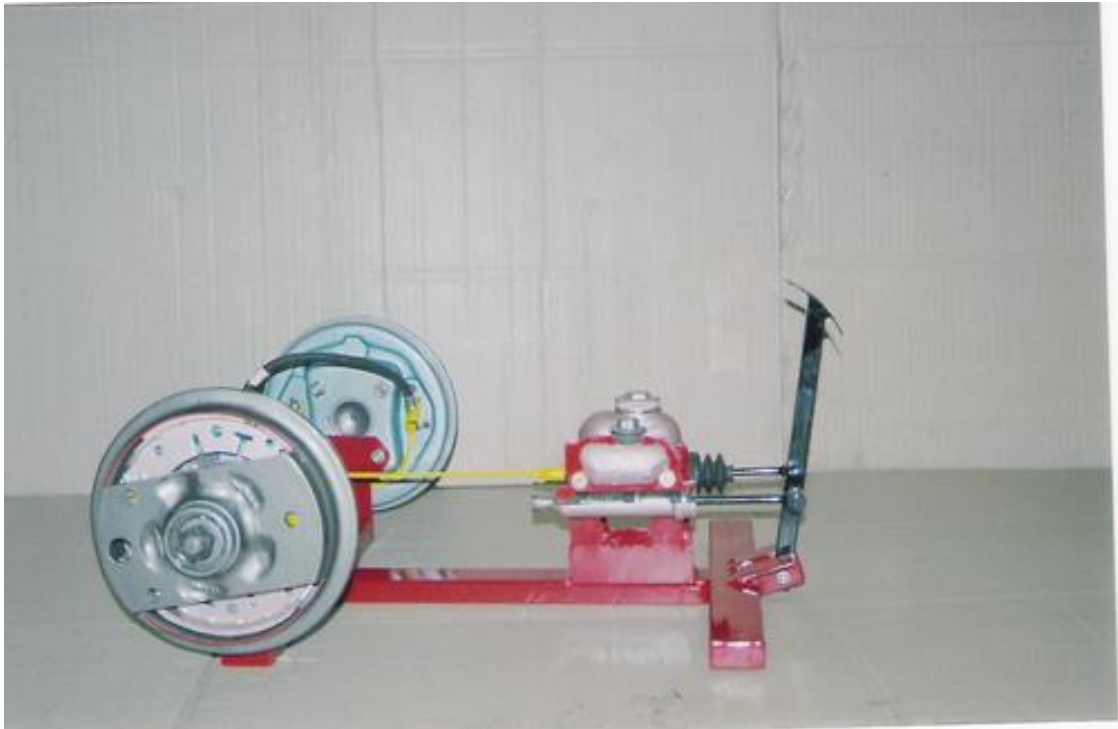
Disc brake model





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Hydraulic brake unit model





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Cut section model of centrifugal pump





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Single plate clutch working demonstration model





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Centrifugal clutch working demonstration model

