
	<p align="center">PimpriChinchwad Education Trust's PimpriChinchwad Polytechnic (An ISO 9001:2015 Certified Institute) Sector No. 26, Pradhikaran, Nigdi, Pune – 411044. Phone: 27658797/27654156 Email:principal@pcpolytechnic.com</p>		Record No.	
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Department of Mechanical Engineering Project List (Shift)				

Academic Year 2019-20

Sr.No.	Project Name
1	Fertilizer Spreading Machine
2	Energy Generation By wasting water of Society
3	Pumping water by using Bicycle
4	Advance Toppling Machine
5	Automatic Hand brake system.
6	Sheet/Pipe bending machine
7	Gravitational Vortex water power plant.
8	Solar Operated water Hyacinth Remover.
9	Automatic Solar operated Pesticides spraying machine.
10	Coil wound counting Mechanism
11	Electric movable cleaning machine
12	Loop wheel cycle
13	Sheet/Pipe bending machine
14	Advance signal system
15	Smart air cooling Thermoelectric cooling system

Academic Year 2018-19

Sr.No.	Project Name
1	Stairs Climbing Robot
2	Pneumatic Can & Bottle Crusher
3	Anti-Puncture System (ASM) & Auto-Inflammation System (AIS)
4	Automatic Stand Mechanism
5	FRDM (False Reading detecting monitor)
6	Cleaning Bicycle
7	Compressed Air Vehicle
8	Advance Load Carrier
9	Pneumatic Handling System
10	Layout Design & Floor Space Saving
11	Waste Plastic To Oil Conversion
12	Smart Radiator With TEC
13	Magnetic Burr Collector
14	Chainless cycle
15	Air Engine
16	Automatic Solar Operated seed sowing machine
17	Automatic Portable Hammering Machine
18	Pedal Cycle Free Energy Generator
19	Air Conditioner Using Peltier Effect
20	Home Air-conditioner
21	Electromagnetic Engine

22	Auto Neutral Shifting
23	Four ways Hacksaw Machine
24	Toplikng Mechanism
25	Pneumatic engine
26	Robotic vehicle with motorized scissor lift
27	Pneumatic Hydraulic Robo-arm
28	Sunblind control system for window
29	Multi spindle drilling machine
30	Coin Based Water Dispenser & Mobile Charger
31	Smart BRT Bus Stop For Wireless Bus Charging
32	Plastic Shredding Machine
33	Multi type Machine Cutter
34	Solar assisted mini wind mill project
35	Wheel spray pump

Academic Year 2017-18

Sr.No.	Project Name
1	Modification of Tool changer for Non Conventional Machine
2	Sands Screening
3	Modification In Air conditioning system
4	Hyperloop
5	Extendable & Retractable truck bed using pneumatics
6	Holding & Welding fixture for casing wear ring
7	Fifth wheel drive & adaptive head light
8	Three hole punching machine.
9	Multi-operation mechanical machine
10	Solar power battery charger
11	2-way Oscillator
12	Automatic brake in hill station
13	Electric generation through railway track
14	Book flipping machine
15	SPM for Tapping & Drilling
16	Parkinson gear tester
17	Electricity generation by using speed breaker
18	Automatic Pneumatic Bumper
19	Crankshaft operated multi blade hacksaw machine
20	Adjustable tank of tanker
21	Automatic stamping machine
22	Smart platform

Academic Year 2016-17

Sr. No.	Project Name
1	Automatic paper Vending Machine
2	Multipurpose machine
3	Wids by Vision System
4	Aluminium Recycling from Can Crusher
5	Automation in Spray Painting
6	Indexing Machine for Automation of Circular Welding.
7	LPG water cooling system Vapour Compression Test Rig
8	Paper cutting with Geneva mechanism
9	Solar operated cycle.
10	Auto stand lifting.
11	Chainless bicycle
12	Multi-axes 5d coupling
13	Sunflower seed removal machine.
14	Compressed air production with the help of suspension
15	Manually operated washing machine
16	Automatic home cleaner.
17	3-way pneumatic trailer
18	Planetary mixture
19	Conveyor for quality control
20	Sugarcane bud cutting machine
21	Bore well Pipe Lifting and Transportation

22	Automatic wiper
23	Multipurpose farming robot
24	Corn de-grainer
25	Electro-Braking system with Collision Warning
26	Pedal operated multipurpose machine

Academic Year 2015-16

Sr. No.	Project Name
1	Peanut Thresher and Shelter Machine
2	Motor less Water Pump
3	Hydroponic Farming
4	Automatic hand brake Release System
5	Magnetic Gear Drive
6	Headlight Alignment On Steering Mechanism
7	Multipurpose Hydraulic Bending Machine
8	Rocker Bogie Mechanism
9	Pneumatic Power Generation
10	Wind Turbine Operated Pump
11	Experimental Analysis Of Convergent Divergent Vortex Tube
12	Design And Fabrication Pneumatic Vice And Drilling Machine
13	Box Transportation Mechanism
14	Tyre Inflation System

Academic Year 2014-15

Sr. No.	Project Name
1	Rice Transplater.
2	Solar operated agricultural spray pump.
3	Solar powered tricycle for handicaps
4	Automatic Transmission
5	Hydraulic oil cooler
6	Adjustable pilot operated displacement pump
7	Hydraulic pulling and mounting machine
8	Pneumatic operated pick and Place.
9	Solar power jack.
10	Dual fuel Technology
11	Liquid filling machine