

# MECHANICAL IEEE PROJECT TITLES – 2015

## LeMeniz Infotech

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S.No	Title
1	Hydraulic Operated coconut Dehusking Machine.
2	Manually Operated Biogas Filling Machine
3	Automatic gear changer in two wheeler - pneumatic model
4	Solar Energy powered air conditioner
5	FIRE fighting robot
6	Pneumatic sheet cutting machine
7	Solar agriculture water pumping system
8	Design and Fabrication of mini hydraulic pressing machine
9	Air compressor using crank and slotted link mechanism
10	Pneumatic four- axis material handling equipment
11	Automatic paint spraying pick and place equipment
12	Pedal and pneumatic actuator operated Air compressor
13	Automatic rain operated wiper
14	Design and fabrication of a kinematic walker
15	Pedal operated direct simple Hacksaw
16	Fabrication of pedal powered dual chain hacksaw machine
17	Pedal powered /operated centrifugal pump
18	Pedal operated washing machine
19	Compressed AIR and air operated bicycle
20	Compressed Air vehicle (CAV)
21	Automatic Electro- hydraulic Jack for light vehicle
22	Fabrication of HIGHSPEED Reciprocating hacksaw machine
23	Automatic double axis drilling machine

24	Automatic double axis welding machine
25	Hydraulic bearing puller
26	Design and fabrication of hydraulic ARM
27	Fabrication of vertical axis wind turbine
28	Pneumatic auto feed drilling machine
29	Multipurpose indexing device – lathe, drilling, milling attachment
30	Kinetic energy recovery system in bicycle(KERS bicycle)
31	Automatic Pneumatic Bumper for Two Wheeler
32	Weight operated material handling device
33	Double acting HACKSAW machine operated by scotch yoke mechanism
34	Design and fabrication of air operated mirror cutting machine
35	Anti theft wheel locking system for two wheeler
36	Fluid hydraulics operated ROBOTIC ARM
37	Design and analysis of scissor jack
38	Design and fabrication of gear box
39	DESIGN and fabrication HOVERCRAFT
40	Design and fabrication of manually operated paper recycling Learning Concentration
41	Design and fabrication of FILM FRAME BY GENEVA MECHANISM
42	Design and fabrication of AUTOMATIC TYRE inflation system
43	Design and fabrication of injection moulding machine
44	Advanced ANTITHEFT system for two wheelers
45	Compressed air production using vehicle suspension
46	Design and fabrication of pneumatic Forging machine
47	Design and fabrication of Zig ZAG pneumatic lift
48	Design and fabrication of grass cutter agricultural application
49	Power generation using speed breaker with help of Rack and Pinion mechanism
50	Power generation using speed breaker with help of spring mechanism
51	Design and fabrication of solar operated TRICYCLE
52	Solar operated sprayer for agriculture purpose
53	Design and fabrication of FOUR WAY HACKSAW
54	Power generation using speed breaker with help of spring mechanism
55	Automatic bar feeding mechanism for cutting machine
56	Electricity Generation by Foot step (staircase) – Regenerative
57	Automatic pneumatic water pumping system

58	Design and fabrication of Cam vice
59	Hydro – pneumatic vice with pressure booster
60	Milling attachment / fixture for lathe machine
61	Design and fabrication of Mini Milling Machine
62	Pipe Thread Cutting Machine
63	Design and fabrication of Cylindrical Tapping machi
64	Design and development of hydraulic jack
65	Design and fabrication of 7 hydraulic jack
66	Fabrication of Tube bending machine
67	Design and fabrication of Hammer Mill
68	Design and fabrication of Tension Less Bike
69	Fabrication of pneumatic Mobile Crane
70	Automatic Boring Mechanism for Foundry
71	Automatic Road Curve Finder
72	Tool Post Grinder – Lathe machine attachment
73	Fabrication of Automatic Drilling and Reaming attachment control
74	Emission Control for diesel Engine
75	Design and fabrication of Miniature (mini) Boiler
76	Design and fabrication of small scale Sugarcane Harvesting Machine
77	Automatic Pneumatic Grinding Machine
78	Fuel Injector Testing Equipment
79	Fabrication of Manual Hydraulic Grease Gun for industries
80	Automatic Temperature controller with cooling system
81	ELECTROMAGNETIC Embossing Machine
82	Foot path Electricity Generation system
83	Hydraulic Fork Lift
84	Design and fabrication of pipe Thread Cutting Machine
85	Pneumatic Machining Time Reduction in shaper machine
86	Pneumatic Operated Multi- purpose Grinding Machine
87	Design and fabrication of AIR ENGINE
88	Artificial Intelligent Based Automatic Solar Tracking
89	Auto Centric System for Four Jaw Chuck
90	Automatic Board Cleaner
91	Automatic Electro - Magnetic Gear Shifting System
92	Automatic Gear changer in two and four wheeler vehicle

93	Design and Fabrication of Automatic Gear Changer
94	Automatic Poor Quality Rejection using Conveyor
95	Automatic Pneumatic Bumper
96	Design and Fabrication of Pneumatic Bearing puller, Press , Sheet bend
97	Fabrication of Pneumatic Multi Purpose Machine
98	Fabrication of Sensor Operated Pneumatic Automatic Punching Machine
99	Fabrication of Steam power plant
100	Hydraulic Controlled JCB Machine
101	Hydraulic Operated lifting for four wheeler
102	Multipurpose tool changer
103	Multi Spindle Drill Head
104	Fabrication of Multi Nut Fighter or Remover
105	Pneumatic Four Axis Material Handling Equipment
106	Spark Plug Cleaner and Tester
107	Three Axis Pneumatic modern trailer
108	Tyre Inflation and Deflation System for four Wheeler
109	Combination of Drilling ,Grinding and Hacksaw Cutting Machine
110	90 Degree Steering System with High Torque Dc Motor
111	Auto Charging , Grinding Machine With Solar Power
112	Robotic Vacuum Cleaner
113	Motorized Triangular Air Compressor
114	Solar Drilling machine
115	Multi Stage HYDRO-ELECTIC Power Plant
116	Automatic Pneumatic Vice and Jack
117	SOLAR Water Purification by using Thermal Method
118	Automatic Plate Washing Machine
119	Gear Less Power Transmission with Scotch Yoke Mechanism
120	Pedal Operated Dress Washing Machine
121	Fabrication of Quick Lifting Jack with Gear Arrangement
122	Use of Hydro Pump for Agriculture Application
123	Auto Roll Punching Machine Using Geneva Mechanism
124	Water Pumping System and power Generation by using Wind Power (360 Degree Rotation) AND PEDAL POWER
125	SOLAR AIR COOLER WITH HEATER
126	Automatic Material Dimension Analyzing Robot with Load Cell

127	Sensor Operated Electro-magnetic Clutch and Gear Changing, breaking System
128	Design and Fabrication of SUNFLOWER THERSHER
129	Automatic Foot Dust Vacuum Cleaning Machine
130	Fabrication of CHAINLESS BICYCLE
131	Fabrication of UNCONVENTIONAL COMPRESSOR
132	Design and Fabrication of Pipe Bending Maxhine
133	Fabrication of Variable Volume Engine
134	Automatic Pneumatic Grinding Machine
135	Gear type Injection Moulding Machine
136	Fabrication of Pelton Wheel Turbine
137	Integrated Drunk and Drive Prevention System
138	Project on Antilock Breaking System used for Autobile cars
139	Project on SPEED VEHICLE SENSING
140	THERMOELECTRIC Refrigeration
141	Vertical Axis Wind Turbine
142	Time Operated SOLAR Tracking System
143	Pedal Operated CELL PHONE CHARGER
144	Project on Fully Automated Fire FIGHTING ROBOT
145	Automatic Breaking System to Avoid Road Accident
146	Auto Feed Pneumatic Sheet Metal Cutting Machine
147	Automatic Wood Crusher with Conveyor Belt
148	Automatic Brake Failure Indicator and engine Overheating
149	Automatic Dimension of Measuring Machine
150	Automatic High Speed Bottle Washing Machine
151	Automatic Pneumatic Operated Waste Can Crusher Machine
152	Automatic Pneumatic Sand Ramming Machine
153	ROAD POWER GENERATION (RPG) BY SLIDING MECHANISM
154	AUTOMATIC SCRAP COLLECTING VEHICLE