

# LOGIC ONE

# MECHINICAL PROJECTS LIST

## PROJECTS DONE HERE FOR ECE, EEE, AND MECHINNAL.

RR COMPLEX,

PHONE 9894585803,

BHARATHI NAGAR BUS STOP,

[WWW.LOGICONE.IN](http://WWW.LOGICONE.IN),

TARAMNI-600 113

MAIL: [CONTACTLOGICONE@GMAIL.COM](mailto:CONTACTLOGICONE@GMAIL.COM)

1	Automobile dual side wiper system with mist control	
2	Design & fabrication of automatic lime juicer	
3	Sensor Operated Automatic Ramming Machine	
4	Automation of front plate assembly of rotary switch	
5	Automatic idly batter filling mechanism	
6	Automatic Lemon cutting machine for pickle industry or lemon slicer	
7	Fabrication of Quantity based sorting machine	
8	Automatic break in hill station	
9	SMS based automatic vehicle accident information system	
10	Automatic paper cutting using Geneva mechanism	
11	Electro Hydraulic System for Automation in Vehicle	

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12	Automatic Foot Dust Cleaning Machine	
13	Automatic Ginger cutting, feeding and drying machine	
14	Coconut tree climbing and cutting machine	
15	Fabrication of Automatic multi-point grease Gun	
16	Fabrication of automatic punching/Printing conveyor	
17	Automatic Rain sensing window for Home	
18	Over Speed Indication and Automatic Accident Avoiding System for Four Wheeler	
19	Digital locking system (Password) for Two wheeler	
20	Automatic Vehicle Over speed controlling system for School Zone	
21	Automatic Shoe polisher machine with coin box	
22	Automatic Pneumatic speed breaker with day and night control	
23	Design & Fabrication of Conveyor Automation	

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24	Automatic pneumatic emergency exit	
25	Fabrication of Button operated hydraulic jack	
26	Automatic car window opening by using sound & oxygen sensor	
27	Hydraulic parking attachment for car	
28	Engine cooling and fuel preheating using peltier element	
29	Semi-automatic transfer machine in conventional industries	
30	Auto Indexing gear cutting attachment for pneumatic shaping Machine	
31	Anti-dazzling head light for two wheeler	
32	Automatic speed breaker for preventing accident in school zone	
33	Electronic assisted hydraulic braking system	
34	Automatic Electro Hydraulic Braking System	
35	Mobile automatic rubber tapping system	

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36	Joystick control wheel chair for physically challenged people	
37	Fabrication of Automatic Railway Gate Controller	
38	Automatic Steering alignment system with Head light Dim/Bright controller	
39	Fabrication of Tilting fan	
40	Punching machine using whit worth mechanism (Automatic)	
41	Automatic vehicle accident prevention system	
42	Automatic Spring End Grinding Machine	
43	Automatic Double Axis Welding Machine	
44	Automatic gear milling machine using proximity sensor	
45	Remote controlled Scrap collecting Vehicle	
46	Wireless joystick operated machine tool for lathe	
47	Remote controlled handicapped Wheel chair cum bed	

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48	Sensor Based Automatic Water level Sensing Crane	
49	Automatic acceleration control in traffic signal	
50	Sensor Based Inspection Conveyor	
51	Automatic board cleaner with vacuum dust cleaner	
52	Prevention kit for driving two wheeler without helmet	
53	Mine detecting hover craft with camera	
54	Pneumatic Auto feed Drilling Machine	
55	Shaft driver bicycle with 2 speed automatic gear transmission system	
56	Automatic Side stand retriever System for two wheeler	
57	Design of automatic plastic separation module for municiple solid waste	
58	Fabrication of Automated gardener	
59	Automatic over load indication for bridge	

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60	91 degree turning steering mechanism	
61	Automation of Neural control of a fully actuated biped robot	
62	Fabrication of Automatic Fault egg sorting machine	
63	Automatic open well cleaning machine	
64	Automatic thread cutting machine by using cam mechanism	
65	Automatic Engine oil alerting system	
66	Pneumatic controlled steps in bus with break locking system	
67	Automatic Differential unit Locking System	
68	Restaurant monitoring system	
69	An optical method of foot pressure monitoring & therapy for paralyzed patient	
70	Automatic sheet metal feeding and cutting machine	
71	Automatic Paint Spaying Equipment	

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72	Fabrication of Automatic foot board break system for car	
73	Safety system to avoid accident when driver in sleep	
74	Hydraulic based emergency rescue ladder	
75	Potato peeling & slicing machine (automatic)	
76	High efficient cooling system with help of BLDC motor	
77	Remote controlled hydraulic jack trolley	
78	Automatic Vehicle Accident Information System	
79	Automatic Pneumatic gear shifting in two wheeler	
80	Automatic Packing control Machine	
81	Design & fabrication of Double axis drilling machine	
82	Conveyor for quality control (Automatic)	
83	Automatic Distance Measurement and Braking System By using Ultrasonic Waves	

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84	Fabrication of Pneumatic garage door opener	
85	Automatic Dosa making machine	
86	Auto roll punching machine using Geneva mechanism	
87	Accident Avoiding System for Punching Machine	
88	Automatic Fire fighting cum material handling vehicle	
89	Automatic gear changer in bicycle	
90	Touch screen based automatic gear shifting system	
91	Automatic Voice controlled Wheel Chair	
92	Automatic speed breaker depending upon vehicle over speed control	
93	Automatic Rain operated wiper and Head light Dim / Bright Controller	
94	Highways high Speed sensing and Automatic Pneumatic braking System	
95	Remote operated wireless crane control system	



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96	Fabrication of unaided automatic tri cycle	
97	Fabrication of Wall climbing robot (by using magnet)	
98	Wheel chair using shadow and touch screen	
99	D & F of Automatic Pneumatic Printing Press	
100	Automatic safety systems for railway coaches	
101	Semi-automatic wall plastering machine	
102	Automatic Stair climbing wheel chair	
103	Queries controlling system for two wheeler	
104	Fabrication of Semi-automatic weed remover	
105	Design & fabrication of automatic soil monitoring robot	
106	Fabrication of Electrode flux remover	
107	Automatic air delivered system based on density of oxygen in car cabin	

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108	SMS punching and riveting with accident avoiding system	
109	Fabrication of Anti-lock Braking System (ABS)	
110	Automatic drunken drive avoiding with helmet locking system	
111	Fabrication of Unaided Guided Vehicle (UGV)	
112	Automatic steering control system for Automobile	
113	Design & fabrication of modified sand muller	
114	Sensor fusion based vacant parking slot detection and tracking with RFID	
115	Fabrication & automation of vibro cleaning process in a typical die casting industry	
116	Automated paper cup Feeding and making machine	
117	Sensor Operated Foot dust cleaner	
118	Automation of Violent elephant controlling mechanism	
119	Cricket ball shooter for amatures	

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120	Design & Automation of Smart blind stick	
121	Step climber planetary gear mechanism	
122	Automatic railway track crack detecting Vehicle	
123	Semi-Automated Areca Nut/Coconut Collecting conveyer	
124	Motorized 3-axis Electro chemical drilling machine	
125	Design & Fabrication of Semi-Automatic Road Reflector Stud Installation Machine	
126	Fabrication of Pneumatic Auto gear changer	
127	SMS based automated guided vehicle	
128	Fabrication of Stretch wrapping machine	
129	Fabrication of Multi safety system in bumper	
130	Automatic PVC pipe feeding and cutting machine	

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131	Design & fabrication of Cam shaft operated automatic gear change for two wheeler	
132	Fabrication of three axis CNC milling machine	
133	Automatic emergency exit and tyre inflation system	
134	Automatic turbo charger at low and high speed	
135	Integrated drunk and drive prevention system	
136	Fabrication of Automatic Electro hydraulic Jack	
137	Automatic Humidification system	
138	Automatic chocolate punching machine	
139	Automatic pneumatic bumper and break actuation before collision	
140	Design & fabrication Wall glass cleaning machine	
141	Eye blink sensor based automatic bumper and breaking system	
142	Design & fabrication of hotel serving robot	

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143	Fabrication of Automatic shoe polishing machine	
144	GPS based vehicle root tracking system	
145	Intelligent trolley for domestic cylinder	
146	Automated side stands with breaking locking system	
147	Automatic Colour code sensing punching machine	
148	Intelligent active Suspension system for two wheeler	
149	Fabrication of Remote operated weapon System	
150	GSM Based two wheeler security system	
151	Automation in diode assembly for industry	
152	Fabrication of Paper recycling machine	
153	Automatic car covering system	
154	Automated prosthetic leg for physically challenged	

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155	Fabrication of Anti drown vehicle	
156	Automation of Steer-by-wire system for cars	
157	Automatic parking and breaking system	
158	Automatic Dish Washing Machine	
159	Automated over tank cleaning system	
160	Design & fabrication of Self balancing vehicle	
161	Automatic boring mechanism for foundries	
162	Fully Automated potato Chip Slice making machine	
163	Quick tool retrieval system for industry	
164	Mechanical can crusher with automatic feeding mechanism	
165	Smart trolleys in malls	
166	Hower board	

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167	Sensor Operated Fire Fighting AGV (Automatic)	
168	Automatic Car Parking System for apartment Building	
169	Sensor Operated Automated Guided Vehicle (AGV)	
170	Vehicle ignition using RFID and finger print Sensor	
171	Fabrication of Intelligent Braking System (IBS)	
172	Student attendance monitoring system using microcontroller	
173	Plc based shoe polishing & foot cleaning machine	
174	Plc based paper plate vending machine	
175	Pcm based termal energy storage device in solar water heater	
176	Portable medical ventilator with motor speed control	
177	Solar powered smart irrigation system(with moisture sensor)	
178	Hydroclone& electro-chlorinator	

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179	The wing project ( automatic baby cradle)	
180	Fabrication of Automatic weighing and packing machine	
181	Two Wheeler Automation with security System	
182	Fabrication of Anti theft steering system	
183	Automatic agarbatti incense stick counting and packing Machine	
184	Fabrication of Hydraulic sensing cutting machine	
185	Automatic multi directional photo shearing machine	
186	Automatic vehicle over loading alert system	
187	Automatic work piece counting with belt conveyer	
188	Electronic Fuel Injection (EFI) system for two wheeler	
189	Visual landing gear arrangement with Tyre Pressure Inflation system	
190	Fabrication of Airbag Automation	



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191	Multi tasked smart Wheel chair for physically challenged people	
192	Combination of emergency, intelligence and anti-lock braking system	
193	Automatic double axis Pneumatic JCB Equipment	
194	Automatic Book reading aid for handicapped People	
195	Sensor operated electronic clutch with switched gear shifting	
196	Remote operated fire fighting& surveillance system	
197	On board sma sprinkling system	
198	Flying ball(tricopter)	
199	Smart lifesaving jacket	
200	Automatic ambulance rescue system	
201	SELF STABILIZING PLATFORM	
202	AUTOMATIC DUST CATCHER	

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203	NON-LETHAL RUBBER BULLET FIRING GUN	
204	AUTOMATIC ELECTRONIC CRADLE	
205	AUTOMATIC TISSUE PAPER FOLDING MACHINE	
206	RIVER CLEANING ROBOT	
207	FEEDER MONITORING SYSTEM	
208	DENSITY BASED USING AUTOMATIC BARRIER TRAFFIC CONTROL SYSTEM	
209	COMMON RAIL DIRECT INJECTION SYSTEM(CRDI)	
210	AUTOMATIC EGG RESOLVING SYSTEM	