



PRASARTECH

PROJECTS AND SOLUTIONS

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MECHANICAL TITLES 2019-20

S.NO	PROJECT CODE	TITLES	YEAR
1	PTPM01	Fabrication of Low Cost Harvesting Machine	2019-20
2	PTPM02	Motorized Screw Jack	2019-20
3	PTPM03	Motorized Triaxis Drilling and Grinding Machine	2019-20
4	PTPM04	Sensor Operated Paper Counting Machine	2019-20
5	PTPM05	Design and Fabrication of Pedaling Pump Water System	2019-20
6	PTPM06	Fabrication of Automatic Typical Pipe Cutting Machine	2019-20
7	PTPM07	Fabrication of Pneumatic Leaf Cup Making Machine	2019-20
8	PTPM08	Fabrication of Pneumatic Sheet Cutting Machine	2019-20
9	PTPM09	Sensor Based Inspection Conveyor	2019-20
10	PTPM10	Universal Tool Grinding Machine	2019-20
11	PTPM11	Auto Indexing Gear Cutting Attachment for Pneumatic Shaping Machine	2019-20
12	PTPM12	Fabrication of Ground Nut Sowing Mechanism	2019-20
13	PTPM13	Fabrication of Winch Machine	2019-20
14	PTPM14	Regenerative Braking System using Pneumatic Interface	2019-20
15	PTPM15	Water Cooler Cum Heater	2019-20
16	PTPM16	Advanced Two Wheeler Water Pumping System	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

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17	PTPM17	Automatic Variable Speed Pneumatic Hacksaw Machine	2019-20
18	PTPM18	Shaft Driven Bicycle	2019-20
19	PTPM19	Remote Controlled Material Handling Crane Mechanical Design and Fabrication of Pneumatic Material Handling Equipment	2019-20
20	PTPM20	Design and Fabrication of Copper Wire Cutting Machine	2019-20
21	PTPM21	Robotic Vacuum Cleaner	2019-20
22	PTPM22	Automatic Distance Measurement and Braking System by using Ultrasonic Waves	2019-20
23	PTPM23	Agricultural Sprayer by Hand Operated Vehicle	2019-20
24	PTPM24	Co Axial Propeller Drive for Multi Directional Rotation	2019-20
25	PTPM25	Fabrication of Cam Vice	2019-20
26	PTPM26	Fabrication of Non-Conventional Air Compressor	2019-20
27	PTPM27	Fabrication of Slotting Attachment in Drilling Machine	2019-20
28	PTPM28	Pedal Operated Hacksaw	2019-20
29	PTPM29	Double Jaw Vice	2019-20
30	PTPM30	Automatic Mechanical Garage Door Opener	2019-20
31	PTPM31	Four Way Hacksaw Machine	2019-20
32	PTPM32	Hydraulic Extractors	2019-20
33	PTPM33	Automatic Punching Machine	2019-20
34	PTPM34	Automatic Pneumatic Clutch and Braking System	2019-20



PRASARTECH

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35	PTPM35	Pedal Power Pipe Cutting Machine	2019-20
36	PTPM36	Fabrication of Remote Belt Conveyor	2019-20
37	PTPM37	Pneumatic Parallel Gripper Mechanism	2019-20
38	PTPM38	Multi Angle Pipe Bending Machine	2019-20
39	PTPM39	Fabrication of Air Operated Circular Grinding Machine	2019-20
40	PTPM40	Automatic Lubrication Machine	2019-20
41	PTPM41	Fabrication of Abrasive Jet Machine	2019-20
42	PTPM42	Automatic Feeding and Rotation for Pipe Joining Machine	2019-20
43	PTPM43	Hand Operated Multi-Purpose Machine (Drilling, Slotting and Cutting)	2019-20
44	PTPM44	Fabrication of Lathe Coolant Pump with Fitting Arrangement	2019-20
45	PTPM45	90 Degree Car Parking Model	2019-20
46	PTPM46	Automatic Amount Credit in ATM Machine	2019-20
47	PTPM47	Automatic Brake Failure and Engine over Heating Indication	2019-20
48	PTPM48	Digital Fuel Level Indicator and Reserve Alarm	2019-20
49	PTPM49	Automatic Food Dust Cleaning Machine	2019-20
50	PTPM50	Uniform Length PVC Pipe Cutting Machine	2019-20
51	PTPM51	Fabrication of Steam Power Plant	2019-20
52	PTPM52	Storage Management System	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

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53	PTPM53	Abrasive Jet Machine for Remove Rust from Anti Material	2019-20
54	PTPM54	Fabrication of Chain Saw	2019-20
55	PTPM55	Water Purification System	2019-20
56	PTPM56	Motorized Flywheel Operated Slotted Type Hydraulic Jack	2019-20
57	PTPM57	Fabrication of Switch Board Cutter	2019-20
58	PTPM58	Design and Fabrication of Pneumatic Reciprocating Water Pumping System	2019-20
59	PTPM59	Fabrication of Motorized Hydraulic Jack	2019-20
60	PTPM60	Fabrication of Variable Speed Gear Box	2019-20
61	PTPM61	Auto Centric System for Four Jaw Chuck	2019-20
62	PTPM62	Automatic Bottle Filling Machine	2019-20
63	PTPM63	Fabrication of Angular Sheet Metal Bending Machine	2019-20
64	PTPM64	Motorised Flywheel Operated Slotted Type Hydraulic Jack	2019-20
65	PTPM65	Pedal Water Pumping System	2019-20
66	PTPM66	Solar Powered Voice Controlled Vehicle	2019-20
67	PTPM67	Try Cylinder Air Compressor for Efficiency Improvement	2019-20
68	PTPM68	Automatic Drink and Drive Avoiding System for Automobile	2019-20
69	PTPM69	Magnetic Shock Absorber	2019-20
70	PTPM70	Automatic High Speed Bottle Washing Machine	2019-20
71	PTPM71	Material Inspection and Dimension Conveyor	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

72	PTPM72	Automatic Pneumatic Welding Machine	2019-20
73	PTPM73	Universal Manual Bending Machine	2019-20
74	PTPM74	Compressed Air Production using Vehicle Suspension	2019-20
75	PTPM75	Variable Speed Gear Box	2019-20
76	PTPM76	Thermo Couple Charger for Automobile	2019-20
77	PTPM77	Automatic Solar Traffic and Street Light Controller	2019-20
78	PTPM78	Fabrication of Pedal Power Hacksaw with Dual Chain Mechanism	2019-20
79	PTPM79	A Safe Free Path of Blind People	2019-20
80	PTPM80	Automatic Foot Dust Cleaning Machine	2019-20
81	PTPM81	Motorized Focus Light Mechanism	2019-20
82	PTPM82	Automatic Barrel Lifting System	2019-20
83	PTPM83	Fabrication of Hydro Pneumatic Vice	2019-20
84	PTPM84	Mini Milling Machine	2019-20
85	PTPM85	Shell and Tube Heat Exchanger	2019-20
86	PTPM86	Water Mixed Fuel Engine using Blended Hydrogen Gas	2019-20
87	PTPM87	Brake Failure and Engine over Heat Indicator	2019-20
88	PTPM88	Design and Fabrication of Automatic Tyre Inflation	2019-20
89	PTPM89	Fabrication of Solar Dryer	2019-20
90	PTPM90	Fabrication of Pneumatic Number Punching Machine	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

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91	PTPM91	Train Accidents Prevention System using Embedded Technology	2019-20
92	PTPM92	Spring Loaded Fan	2019-20
93	PTPM93	Automatic Rotating Table for Sequence Operation	2019-20
94	PTPM94	Air Compressor using Crank and Slotted Mechanism	2019-20
95	PTPM95	Dual Clamp Vice	2019-20
96	PTPM96	Fabrication of Four Wheel Steering	2019-20
97	PTPM97	Mechanical Walker Robot	2019-20
98	PTPM98	Automatic Warehouse	2019-20
99	PTPM99	Remote Operated Electric Hydraulic Jack	2019-20
100	PTPM100	Design and Fabrication of Portable Solar Operated Chemical Sprayer	2019-20
101	PTPM101	Pedal Powered Dual Chain Hacksaw Machine	2019-20
102	PTPM102	Pedal Operated Water Purifier	2019-20
103	PTPM103	Pneumatic Forging Machine	2019-20
104	PTPM104	Cutting Rewinding Machine	2019-20
105	PTPM105	Compressed Air Generator using Pneumatic Windmill	2019-20
106	PTPM106	Automatic Indexing Mechanism for Pneumatic Drilling Machine	2019-20
107	PTPM107	Fabrication of Heavy Hydraulic Puller	2019-20
108	PTPM108	Button Operated Electromagnetic Gear Changer for Two Wheeler	2019-20



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109	PTPM109	Automatic Pneumatic Paper Cutting Machine	2019-20
110	PTPM110	Hydraulic Cylinder Liner Puller	2019-20
111	PTPM111	Multi Blade Cutting Machine	2019-20
112	PTPM112	Air Powered Cycle	2019-20
113	PTPM113	Automatic Clutch Engaged System for Bus	2019-20
114	PTPM114	Fabrication of Hydraulic Disc Brake	2019-20
115	PTPM115	Fabrication of Acrylic Sheet Bending Machine	2019-20
116	PTPM116	Automatic Parcel Transfer Through Conveyor System	2019-20
117	PTPM117	Bridge Crane (Xyz Axis)	2019-20
118	PTPM118	Fabrication of Double Axis Welding Machine	2019-20
119	PTPM119	Fruit Inspection System	2019-20
120	PTPM120	Fabrication of Rubber Melting Machine	2019-20
121	PTPM121	Design and Fabrication of Pneumatic Reciprocating Water Pumping System	2019-20
122	PTPM122	Fabrication of Sub Marine	2019-20
123	PTPM123	Fabrication of Hydraulic Pipe Bending Machine	2019-20
124	PTPM124	Fabrication of Grass Cutting Machine	2019-20
125	PTPM125	Circular Cutting Machine	2019-20
126	PTPM126	Fabrication of Magnetic and Nonmagnetic Separation	2019-20
127	PTPM127	Automobile Vehicle Battery Energy using in Solar System	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

128	PTPM128	Automatic Pneumatic Gear Changer	2019-20
129	PTPM129	Generation of Electricity with the Use of Speed Breakers	2019-20
130	PTPM130	Automatic Dimensioning Machine	2019-20
131	PTPM131	Fabrication of Motorized Variable Speed Belt Drive	2019-20
132	PTPM132	Automatic Lubrication System Brake Failure and Engine over Heat Indicator for Four Wheel	2019-20
133	PTPM133	Fabrication of Electronic Braking System	2019-20
134	PTPM134	Fabrication of Coffee Seeds and Leaf Removing and Cleaning Machine	2019-20
135	PTPM135	Pneumatic Gear Changer for Two Wheeler	2019-20
136	PTPM136	Fabrication of Spring Testing Machine	2019-20
137	PTPM137	Fabrication of Electromagnetic Scrap Collecting Machine	2019-20
138	PTPM138	Fabrication of Magnetic Shock Absorber	2019-20
139	PTPM139	Pneumatic Operated Vulcanizing Machine	2019-20
140	PTPM140	Automatic Core Cutting Machine	2019-20
141	PTPM141	Fabrication of Mini Vertical Lathe	2019-20
142	PTPM142	Fabrication of Roto Molding Machine	2019-20
143	PTPM143	Automatic Work Piece Counting with Belt Conveyor	2019-20
144	PTPM144	Fabrication of Electro Hydraulic Jack for Automobile	2019-20
145	PTPM145	Thermocouple for Mobile Charger	2019-20
146	PTPM146	Automatic Brake for Hill Station	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

An ISO 9001:2008 Certified Institution Approved By GOVT.INDIA

147	PTPM147	Automatic Water Tap Controlling System	2019-20
148	PTPM148	Hydraulic Break System with Brake Failure Indicator	2019-20
149	PTPM149	Programmed Automation Drilling Machine	2019-20
150	PTPM150	Fabrication of Air Engine Operated Radial Plunger Pump	2019-20
151	PTPM151	Automatic Center Stand using Motor Power	2019-20
152	PTPM152	Fabrication of Motorized Radial Bending Machine	2019-20
153	PTPM153	Multi Agri Cutter	2019-20
154	PTPM154	Vacuum Braking System	2019-20
155	PTPM155	Wind Mill Multi Rotor Concept	2019-20
156	PTPM156	Automatic Road Curve Finder	2019-20
157	PTPM157	Fabrication of Multi Drill Holder	2019-20
158	PTPM158	Thermo Electric Refrigerator	2019-20
159	PTPM159	Super Magnet Braking System for Four Wheelers	2019-20
160	PTPM160	Design and Fabrication of Gearless Transmission	2019-20
161	PTPM161	Automatic Pneumatic Tiles using Cutting Machine	2019-20
162	PTPM162	Adaptive Indicator Light based Steering Control	2019-20
163	PTPM163	Automatic Humidification System	2019-20
164	PTPM164	Fabrication Automatic Temperature Controlled Oil Cooler	2019-20
165	PTPM165	Fabrication of Hydraulic Pallet Truck	2019-20
166	PTPM166	Fabrication of Mini Water Service Station	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

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167	PTPM167	Pneumatic Punching Machine	2019-20
168	PTPM168	Advanced Sugarcane Cutting Machine	2019-20
169	PTPM169	Concave Attachment in Lathe	2019-20
170	PTPM170	Automatic PVC Cutting Machine	2019-20
171	PTPM171	Automatic Pneumatic Holder Gripper	2019-20
172	PTPM172	Steam Power Generator	2019-20
173	PTPM173	Hydraulic Bending and Bend Removing Machine	2019-20
174	PTPM174	Pedal Pressing Drilling and Grinding	2019-20
175	PTPM175	Economical Lathe	2019-20
176	PTPM176	Fabrication of Solar Power Operated Paddy Cleaning Machine	2019-20
177	PTPM177	Design and Fabrication of Hubless Cycle	2019-20
178	PTPM178	Motorized Abrasive Belt Grinding Machine	2019-20
179	PTPM179	Hydraulic Pressure Testing Pump	2019-20
180	PTPM180	Pneumatic Multi-Purpose Press	2019-20
181	PTPM181	Friction Welding Machine	2019-20
182	PTPM182	Fabrication of Emergency Braking System (EBS)	2019-20
183	PTPM183	Fabrication of Double Axis Pneumatic JCB	2019-20
184	PTPM184	Vehicle Performance Analyzer	2019-20
185	PTPM185	Fabrication of Aqua Silencer	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

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186	PTPM186	Automatic Screen Printing Machine	2019-20
187	PTPM187	Cylindrical Block Boring Machine	2019-20
188	PTPM188	Fabrication of Electric Hacksaw Machine	2019-20
189	PTPM189	Fabrication of Automatic Paper Counting Machine	2019-20
190	PTPM190	Automatic Scrap Collecting Machine	2019-20
191	PTPM191	Automatic Vehicle Accident Information System for High Ways	2019-20
192	PTPM192	Temperature Controlled Air Cooler	2019-20
193	PTPM193	Fabrication of Sand Collecting Vehicle	2019-20
194	PTPM194	Automatic Solar Street Light Control System	2019-20
195	PTPM195	Fabrication of Foot Press Hand Washing Machine	2019-20
196	PTPM196	Automatic Pneumatic Side Stand for Two Wheeler	2019-20
197	PTPM197	Power Production Technique using Exhaust Gas from Automobile	2019-20
198	PTPM198	Fabrication of Grass Cutter	2019-20
199	PTPM199	Fabrication of Automatic Punching by Riveting Conveyor	2019-20
200	PTPM200	Design and Fabrication of Drainage Cleaning Machine	2019-20
201	PTPM201	Power Generation using Vertical Axis Wind Mill System	2019-20
202	PTPM202	Battery Operated Two Wheeler	2019-20
203	PTPM203	Fabrication of Pneumatic Grinding Machine	2019-20
204	PTPM204	Pedal Pressing Pipe Cutting Machine Mail	2019-20



PRASARTECH

PROJECTS AND SOLUTIONS

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205	PTPM205	Solar Based Automatic Board Cleaner	2019-20
206	PTPM206	Triangular Drilling Machine	2019-20
207	PTPM207	Automatic Sensor Operated Pneumatic Breaking System	2019-20
208	PTPM208	Hydraulic Hand Operated Pipe Bending Machine	2019-20
209	PTPM209	Automatic Accident Avoiding System for Automobile	2019-20
210	PTPM210	Automatic Gate Open and Closed System	2019-20
211	PTPM211	Fabrication of Pneumatic Multipurpose Grinder	2019-20
212	PTPM212	Fabrication of Slotting Attachment in Drilling Machine	2019-20
213	PTPM213	Antitheft Wheel Locking System	2019-20
214	PTPM214	Fabrication of Steam with Air Engine	2019-20
215	PTPM215	Fabrication of Corner Sheet Metal Cutting Machine	2019-20
216	PTPM216	Automatic Sensor Operated Pneumatic Braking System	2019-20
217	PTPM217	Development of Electricity Production by using Waste Heat of IC Engine	2019-20
218	PTPM218	Solar Generator	2019-20
219	PTPM219	Fabrication of Automatic Temperature Controlled Oil Cooler	2019-20
220	PTPM220	Traction Control System	2019-20