

# EXPERT SYSTEMS AND SOLUTIONS

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## Mechanical Project Titles

1. Accident avoid system for heavy cutting m/c mechanism
2. Accident prevention system for railways using GPS
3. Aero plane controlling system (glider model) agitator
4. Agriculture motor pump running using solar power
5. Ai based automatic traffic light system
6. Air leak detector
7. Antenna / dish tracking system for automobiles (model)
8. Auto braking system
9. Auto clutch for automobile
10. Auto gear changer
11. Auto gearing system
12. Auto lisp application development
13. Auto shape finder
14. Auto signaling for train in level crossing
15. Automated dimensioning machine
16. Automated material transferring system
17. Automatic ac on/off system for cars
18. Automatic acrylic sheet bending machine (heater control)
19. Automatic air pressure checking and filling mechanism for scooter of car
20. Automatic bar feeding mechanism
21. Automatic blanking machine
22. Automatic change over for generator to mains supply
23. Automatic coil winding machine
24. Automatic cone releaser
25. Automatic crane system
26. Automatic cylinder boring m/c
27. Automatic dam shutter control system
28. Automatic drill bits / drill check changing for various drill holes
29. Automatic drilling m/c
30. Automatic drilling machine
31. Automatic electronic plant watering system
32. Automatic filing system
33. Automatic gate opening
34. Automatic gear changer
35. Automatic hammer striker
36. Automatic high way horn changeover
37. Automatic injection molding
38. Automatic lubricating system

39. Automatic lubrication system
40. Automatic mileage projector
41. Automatic motorized glass door open/close mechanism
42. Automatic panel system
43. Automatic poor quality rejecter
44. Automatic porch light
45. Automatic pressure controller/cum valve open/close arrangement
46. Automatic PVC pipe cutting machine
47. Automatic quality testing system
48. Automatic railway gate control system
49. Automatic railway gate system
50. Automatic rain operated wiper
51. Automatic rain operated wiper
52. Automatic remote diesel starter
53. Automatic screen printing machine
54. Automatic sealing machine
55. Automatic tool store
56. Automatic typical pipe cutting m/c
57. Automatic vehicle supervisor
58. Automatic vulcanizing system
59. Automatic wash basin
60. Automatic weighting/packing machine
61. Automobile electronic panel system
62. Band saw cutting machine
63. Basins listen cum seeder
64. Battery car
65. Battery car with rechargeable system
66. Battery cycle
67. Blood / glucose flow rate controller (motorized)
68. Bottle vending machine
69. Brake failure indicator
70. Brand bed former cum seeder
71. Burnishing m/c
72. Car / two wheeler automatic headlight dim & bright controller
73. Car air purifier
74. Car or bus reverse operation navigation system ( using IR eye )
75. Car security system using GPS
76. Car speed recorder
77. Chicken skin peeler
78. Chisel plough
79. Choft coffer
80. CNC bar feeding machine
81. CNC drilling m/c
82. CNC hacksaw m/c for sheet cutting
83. CNC pallet changer for drilling machine
84. CNC punching m/c
85. CNC thermo coal cutting machine
86. Coconut tree sprayer
87. Code wider
88. Coin vending machine
89. Complete digital of engine and parts
90. Computer controlled PCB drilling machine
91. Computer controlled servo indexing table
92. Computer controlled vehicle
93. Convert your tap or salty bore well water into purest,

94. -tastiest bottled quality drinking water
95. Coolant monitoring system
96. Cordless communication system for cars
97. D & F abrasive cutting m/c
98. D & F carbon manufacturing m/c
99. D & F electric two wheeler with rechargeable
  - a. battery and indicating panel (foldable type)
100. D & F floor cleaning m/c
101. D & F hand operated spring rolling m/c
102. D & F of abrasive belt grinder
103. D & F of abrasive jet m/c
104. D & F of automatic coil winding m/c
105. D & F of automatic drilling and tapping m/c
106. D & F of automatic embossing drilling m/c
107. D & F of automatic spring rolling m/c
108. D & F of cam and code method of sliding machine
109. D & F of circular cutting m/c
110. D & F of concave attachments for lather
111. D & F of coolant pump with fitting
112. D & F of double yarn twist system
113. D & F of electric two wheeler
114. D & F of foldable electric two-wheeler
115. D & F of folding mobile
116. D & F of gas converted power sprayer
117. D & F of gear type injection molding m/c
118. D & F of high pressure multistage pump
119. D & F of hot & cold water dispenser
120. D & F of hot and cold water dispenser
121. D & F of hydraulic injection moulding m/c
122. D & F of involutes gear profile error detector
123. D & f of kits bike
124. D & f of micro boarding attachment
125. D & f of multistage pump
126. D & f of pneumatic bearing press system
127. D & f of pneumatic cutting and grinding m/c
128. D & f of pneumatic injection moulding m/c
129. D & f of pneumatic reciprocating water pumping system
130. D & f of pneumatic vice
131. D & f of rotary gear pump
132. D & f of scissor plat form m/c (hydraulic)
133. D & f of scissors platform m/c
134. D & f of screw slotting m/c
135. D & f of self primary centrifugal pump
136. D & f of slow & high speed drilling m/c
137. D & f of soft start couplings
138. D & f of swimming pool cleaner
139. D & f of triangular air compressor
140. D & f of triangular air compressor with common compressor chamber
141. D & f of two stage self primary pump
142. D & f wall grove cutting m/c
143. Dash board automation.
144. Data acquisition system with GSM modem
145. Data logger for f1 racers
146. Design & fabrication of seed sprayer

147. Design and fabrication of injection moulding m/c
148. Design of effluent treatment plant
149. Design of mosaic polishing machine
150. Development and fabrication of modern burner cum room - heater
151. Digital controller coil winding system
152. Digital fuel usage monitors
153. Digital ignition sequencer
154. Digital over load indicator for vehicle
155. Digital pressure indicator for wheels
156. Dish antenna tracking system for automatic or remote
157. Diviner cutter (gas cutting)
158. Driver position replay through VR and AI processing
159. Electrical hammer mechanism
160. Electrical spot welding m/c
161. Electromagnetic breaking system
162. Electronic braking system
163. Electronic hacksaw
164. Electronic lamination m/c
165. Electronic numeric keyboard cum motorized (mechanism)
166. -safety locking system with electronic security system
167. Electronic water filter cum auto filling system
168. Electronic weather clock
169. Emergency braking system
170. Emergency pneumatic braking system for four wheelers
171. Energy saving lighting arrangement
172. F of car, two wheeler head-light dim-bright controller
173. F of activated carbon manufacturing plant
174. F of air conditioning machine
175. F of air dryer
176. F of automatic envelope folding machine
177. F of battery cycle
178. F of black box for automobile
179. F of bottle cooler
180. F of cooling tower
181. F of double reflection solar cooker
182. F of drilling m/c with key way attachment
183. F of drilling m/c with tapping attachment
184. F of electric two wheeler
185. F of electric two wheeler with rechargeable battery
186. F of gas kit circuit board for two & four wheeler
187. F of gas kit for four wheeler
188. F of gas kit for power sprayer
189. F of gas kit for three wheeler
190. F of gas kit for two & four wheeler
191. F of hand-operated-pneumatic robot
192. F of hydraulic hammer
193. F of hydraulic hand operated bus bar bender
194. F of hydraulic jack
195. F of hydraulic kit with power pack
196. F of hydraulic liner puller
197. F of hydraulic pipe bending m/c
198. F of hydraulic pressure testing pump
199. F of hydraulic puller
200. F of hydro pneumatic vice
201. F of mini water heater

202. F of motorized jack
203. F of oil pump of water pump for jeep and tractor
204. F of pneumatic 3/8th inc. Reversible drilling attachment
205. F of pneumatic grinding m/c
206. F of pneumatic material handling device
207. F of pneumatic pick & place robot
208. F of pneumatic printing press system
209. F of pneumatic punching m/c
210. F of pneumatic reciprocating saw m/c
211. F of pneumatic sander & polisher m/c
212. F of pneumatic screw driver m/c
213. F of pneumatic trainer kit with air compressor
214. F of power generation using highway speed brake system
215. F of power generation using steps
216. F of refrigeration system (trainer)
217. F of remote operated belt conveyor
218. F of remote operated pneumatic robot
219. F of solar agro sprayer
220. F of solar air cooler
221. F of solar cooker
222. F of solar cycle
223. F of solar fan with light
224. F of solar lighting system
225. F of solar operated automobile air cooler
226. F of solar power packing system
227. F of solar water heater system
228. F of two wheeler pipe shock absorber bends removing m/c
229. F of ultimate auto security system
230. F of vulcanizing m/c
231. F of water cooler cum air cooler
232. F of water heater
233. Fabrication of cotton tape manufacturing m/c
234. Fabricating of micro holes driller
235. Fabrication of "u" bending 80 pipe bending m/c
236. Fabrication of absorption dryer
237. Fabrication of air cooler
238. Fabrication of arbor presses m/c
239. Fabrication of automatic cone winding
240. Fabrication of automatic steering system
241. Fabrication of bending removing press
242. Fabrication of bottling of sugarcane juice machine
243. Fabrication of brass screw threading and tapping m/c
244. Fabrication of CAM vice
245. Fabrication of chapatti maker m/c
246. Fabrication of coffee seeds, of leaf remove and cleaning m/c
247. Fabrication of coil winding machine
248. Fabrication of concave attachment for shaper
249. Fabrication of conduct pipe bending machine
250. Fabrication of copper wire cutting m/c
251. Fabrication of cylinder block boring machine
252. Fabrication of diesel engine (trainer)
253. Fabrication of disc break
254. Fabrication of drilling machine with variable speed drive in level method
255. Fabrication of drilling machine with variable speed drive in screw method
256. Fabrication of duplicate key making machine

257. Fabrication of eccentric press m/c
258. Fabrication of electro magnetic break
259. Fabrication of fly press m/c
260. Fabrication of gas kit for two wheeler
261. Fabrication of grass cutting m/c
262. Fabrication of hand operated bending m/c
263. Fabrication of hand operated edge folding machine
264. Fabrication of hand operated treating machine
265. Fabrication of hardness testing m/c
266. Fabrication of home flour mill
267. Fabrication of hydraulic hand operated "electrometric" pipe bending m/c
268. Fabrication of hydraulic hand operated pipe bending m/c
269. Fabrication of hydraulic press
270. Fabrication of key way milling machine
271. Fabrication of L.L.D.P. Material extruder (H.M.H.D.P.P. Material)
272. Fabrication of lathe coolant pump with fitting arrangements
273. Fabrication of level operated conical bending roller m/c
274. Fabrication of milking m/c
275. Fabrication of mini hydraulic press
276. Fabrication of mini lathe
277. Fabrication of mini size laminating machine ( 3 types )
278. Fabrication of motor control pump running with remote control method 20
279. Fabrication of multi drilling head with self feeder
280. Fabrication of oil pump and water pump for cars, jeeps and tractors
281. Fabrication of oven
282. Fabrication of plate bending m/c
283. Fabrication of PCB drilling m/c
284. Fabrication of pneumatic belt conveyer
285. Fabrication of popcorn maker m/c
286. Fabrication of portable drilling m/c (with wonder cutter )
287. Fabrication of pulverize
288. Fabrication of roller burnishing tool
289. Fabrication of room cooler & heater
290. Fabrication of rotary vane pump
291. Fabrication of rubber melting m/c
292. Fabrication of self feed drilling head
293. Fabrication of semi circular cutting m/c
294. Fabrication of semi-automatic ramming m/c
295. Fabrication of sheet metal cutting
296. Fabrication of sheet straightening m/c
297. Fabrication of slotting method used in drilling machine
298. Fabrication of soda making m/c
299. Fabrication of solar air cooler
300. Fabrication of tapping m/c (pitch control tapping m/c)
301. Fabrication of tilt able extension ladder
302. Fabrication of tool post grinder
303. Fabrication of top and bottom seaming m/c
304. Fabrication of vacuum pump
305. Fabrication of vacuum pump
306. Fabrication of variable drive gear box
307. Fabrication of wind mill
308. Fabrication of wood turning lathe m/c
309. Fabrication of yarn pigment tester
310. Folding mobile with gas and petrol
311. Fuel gauge meter

312. Fuel tap open / close reminder
313. Gas monitoring system
314. GPS based tracking system for automobiles
315. GPS online tracking with GSM modem
316. Groundnut harvester
317. Groundnut thruster
318. Halogen lamp using light depending resistor sensor
319. High speed sensing automatic speed breaking system
320. Highways high speed (vehicle) sensing & automatic speed breaking system
321. Highways high speed sensing and automatic speed braking system
322. Hire meter for automobile
323. Hydraulic cylinder
324. Hydraulic noodles machine.
325. Hydraulic power pack
326. Hydraulic puller for automobile engines
327. Hydraulic scissor jack
328. Hydraulic screw jack
329. Indexing table for drilling machine
330. Industrial boiler flame remote adjustment system
331. Intelligent braking system
332. Intelligent car lighting system
333. Irrigation channel former
334. Jigs and fixtures
335. Lift controlling system (model) interact
336. Liquid mixer
337. Long handled wider
338. Machine monitoring system
339. Magnetic iron separator
340. Magnetic locker
341. Magnetic shock absorber for automobile (model)
342. Manual injection molding
343. Measurement using image processing
344. Metal detector
345. Mini crushing m/c
346. Mini milling machine
347. Mini portable gen-set
348. Mobile air cooler
349. Mobile electronic navigating mechanism
350. Mobile over speed controlling system
351. Mobile over speed indicator
352. Mobile wheel position indicator
353. Model highway road curve finder
354. Motor pump tuning using solar power
355. Money transfer security with miniature GPS
356. Motor tracking system using remote sensing
357. Motorized crane
358. Motorized focus light tracking mechanism (in all direction)
359. Motorized power jack
360. Motorized wheel chair for physically disabled
361. Musical water fountain system
362. New bust stopping arrangement
363. Non conventional air compressor
364. Numeric control gate locking system
365. Numeric controller gate locking system
366. OBD adapter for automobiles

367. Off line tracking system with GPS
368. Online tracking system with GPS
369. Over head tank remote indicator cum controlling system
370. Packing control machine for industry (model)
371. Paddy drain co-seeder
372. Paddy harvester
373. Paddy thresher
374. Paddy transplanted
375. Pedestal spot welding m/c
376. Paint mixing machine
377. Paper counting m/c
378. Payload monitoring system
379. PC based plate cutting machine
380. PCB drilling machine
381. Plant water splashing mechanism
382. Pneumatic auto feed sheet cutting m/c
383. Pneumatic auto-feed drilling machine
384. Pneumatic belt conveyor
385. Pneumatic controlled door locking system
386. Pneumatic cylinder
387. Pneumatic door opener
388. Pneumatic hand drilling
389. Pneumatic hand grinder
390. Pneumatic operated mobile crane
391. Pneumatic punching and reverting m/c
392. Pneumatic punching machine
393. Pneumatic reciprocating water pumping system
394. Pneumatic sheet-cutting machine
395. Portable cutting machine
396. Power jack operating through remote
397. Power rotary wider
398. Power steering using servo actuators
399. Production line monitoring system
400. Programmable gas cutting machine
401. Programmable hopper with computer control
402. Programmable ratio controller
403. Prototype GPS
404. Punching machine
405. Remote car security system
406. Remote material handler
407. Remote metal detector
408. Remote motorized gas stove on/off with flame adjustment system
409. Remote operated solar car
410. Re-automatic washing m/c
411. Rigger seeder
412. Robot controlled vacuum cleaner
413. Room / toilet automatic perfume spray m/c
414. Rotating dish antenna (model)
415. Satellite antenna for GPS
416. Seed sprayer
417. Sheet metal bend removing machine
418. Shocks absorber testing machine
419. Shop floor monitoring system
420. Signaling IR beacon for hill stations
421. Single axis sliding table



422. Single cylinder double acting pump
423. Sliding table for grinding machine
424. Small clamps / angles bending m/c
425. SMS operated vehicle
426. Solar agro sprayer
427. Solar air-dryer
428. Solar based oven
429. Solar car
430. Solar guided vehicle
431. Solar guided vehicle
432. Solar home lighting system
433. Solar operated automobile wiper (automatic)
434. Solar operated vehicle
435. Solar power generation with auto tracking system
436. Solar power operated automobile air conditioner
437. Solar seed dryer
438. Solar sheets prayer
439. Solar street lighting system (automatic)
440. Solar traffic control system
441. Solar water cooling system
442. Solar water heater
443. Solar water heating system
444. Solid state ignition
445. Spark plug tester
446. Store automation with MRP
447. Temperature control with cooling system
448. Tractor drawn seeder
449. Trencher
450. Turmeric harvester
451. Two axis sliding table
452. Two wheeler engine art section model
453. Two wheeler pipe, shock observer, hydraulic bending removing m/c
454. Ultrasonic radar for highway drivers
455. U-type, v-type, l-type angle bending m/c
456. U.V rays water cleaning cum continuous water supply mechanism
457. Valve teen in kitchen (cooker operating system)
458. Vehicle battery monitoring in digital
459. Vehicle guiding through remote
460. Vehicle obstacle indicator and auto braking
461. Vehicle speed measuring using IR rays information reader
462. Vehicle status monitoring system
463. Vehicle tampering protection
464. Vehicle theft alarm
465. Video camera motorized tracking mechanism (all directions)
466. Virtual reality based driver trainers
467. Voice operated vehicle
468. Water turbine power generating system
469. Windmill power generating system
470. X-rays plotter mechanism
471. Yarn detector and breaking controller

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