

## **Design and Fabrication Projects 2025-2026**

1. Design and Fabrication of Safety Helmet using natural Fibers composites.
2. Design and Fabrication of Safety Helmet using Hybrid Fibers composites.
3. Design and Fabrication of SHELL & TUBE Heat exchanger using Acrylic Tubes
4. Design and Fabrication of PLATE Heat exchanger using Acrylic Tubes
5. Design and fabrication of
6. Design and Fabrication of salinometer using in ship.
7. Design and Fabrication of automatic pick and Place robot using quick return withworth mechanism.
8. Design and fabrication 3D print customised CNC drilling machine.
9. Design and fabrication of robotic harm with soft gripper for holding glass material.
10. Design and fabrication of PLATE DISPENSER MACHINE.
11. Design and fabrication automatic of E LAWN mower.
12. Design and fabrication of automatic motorised power saving conveyor.
13. Design and Fabrication of motorised Tree trimming vehicle.
14. Design and Fabrication of Pneumatically operated Tree trimming vehicle.
15. Design and Fabrication automatic rain water sensing wiper.
16. Design and Fabrication Automatic abrasive belt grinding machine
17. Design and fabrication of power generation using roller conveyor
18. Design and Fabrication of automatic quality checking conveyor using level sensor.
19. Design and fabrication of seeds dispenser using chain conveyor/Bucket conveyor.
20. Design and fabrication of Solar Panel cleaner.
21. Design and fabrication of advanced Solar Vegetable Dryer using hot Air.
22. Fabrication Of Automatic Clamping And Hydro Pneumatic Feed Control Of Drilling Attachment.
23. Design and Fabrication of bottle filling by automation in Geneva conveyor Mechanism.
24. Design and Fabrication of Pneumatically Material Separator in conveyor.
25. Design and Fabrication of automatic pneumatically operated waste segregator
26. Design and Fabrication Solar powered remote controlled floating waste collector
27. Design and performance of a vacuum single basin Solar still
28. Design and Fabrication Spring less car suspension by using bevel gear
29. Design and Fabrication Automatic Car window opening by using sound and oxygen sensors
30. Design and Fabrication Electronic Weighing Jug
31. Design and Fabrication Heat dissipation in cars using thermo electric Refrigeration.