



DEPARTMENT OF MECHANICAL ENGINEERING

List of IPD Projects Completed by Students

Academic Year: 2022-23

1. Design and Fabrication of Heat Dissipation Structure for Laptop
2. Solar Air Dryer
3. Design of Servo Motor for Drag Reduction Systems (DRS)
4. Monocoque Chassis
5. Mechanical Road Cleaner Machine
6. Indoor Firefighting Robot
7. Optimizing The Steering System of a Super Mileage Vehicle
8. UV Light Sanitization System
9. Design and Development of Bladeless Air Multiplier
10. Carbon Fibre Fairing of Bike
11. Solar Tribioelectric Nanogenerator Sidewalk
12. Sorting On Conveyor Belt by Image Recognition
13. Scissor Jack with Hydraulic Lift
14. Research and Development of Brake Calliper
15. Solar Sprinkler
16. Tomatic Extended Steps
17. Self-Sanitizing Door Handles
18. Fire Extinguishing Robotic Arm
19. Automated Portable Hammering Machine
20. Mechanical Push Sweeper
21. Composite Carbon Fibre Monocoque Chassis
22. Application of Eddy Current Brakes



Shri Vile Parle Kelavani Mandal's

DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



23. Wind Driven Vehicle
24. Open Differential
25. Flow Visualization Using Wind Tunnel
26. Socially Interactive Elderly Care Robot
27. Electro Magnetic Clutches
28. Precision Impression
29. Dual Axil Solar Tracker
30. Obstacle Avoiding Robot
31. Solar Tree
32. Design and Optimisation Disc Brake Rotor
33. Aqua Silencer
34. Accident Prevention of Railway Using Arduino Based Safety System