

1. Mechanical Engineering

- 1. Automated Car Parking System**
- 2. Solar-Powered Water Purification System**
- 3. Wind Turbine Design for Urban Areas**
- 4. Hydraulic-Powered Bicycle**
- 5. Robotic Arm with Gesture Control**
- 6. Smart Wheelchair with Voice Control**
- 7. Eco-Friendly Refrigeration System**
- 8. 3D Printed Engine Components**
- 9. Smart Air Conditioning System with IoT**
- 10. Automatic Seed Sowing Machine**
- 11. Regenerative Braking System for Bicycles**
- 12. Portable Solar Water Heater**
- 13. Electric Vehicle Charging Station**
- 14. Underwater Robotic Vehicle**
- 15. Kinetic Energy Recovery System (KERS) for Bikes**
- 16. Magnetic Levitation Train Model**
- 17. Wind-Powered Water Pump**
- 18. Automated Greenhouse System**
- 19. Solar-Powered UAV (Unmanned Aerial Vehicle)**
- 20. Self-Balancing Robot**

2. Electrical Engineering

- 1. Smart Home Automation System**
- 2. Wireless Power Transfer System**
- 3. Solar-Powered Charging Station**
- 4. Energy Harvesting from Footsteps**
- 5. IoT-Based Smart Grid System**
- 6. Automatic Street Light Controller**
- 7. Solar-Powered LED Lighting System**
- 8. Voice-Controlled Home Appliances**
- 9. Microcontroller-Based Energy Meter**
- 10. Wireless Electric Vehicle Charger**
- 11. Renewable Energy Storage System**
- 12. Smart Traffic Light System**
- 13. Grid-Tied Solar Inverter**
- 14. Power Factor Correction Device**
- 15. Biometric Security System**
- 16. Smart Smoke Detector**
- 17. Automated Irrigation System**
- 18. Electric Bike with Regenerative Braking**

19. **Wireless Surveillance System**
20. **Solar-Powered Water Pump**

3. Civil Engineering

1. **Earthquake-Resistant Building Model**
2. **Smart Traffic Management System**
3. **Rainwater Harvesting System**
4. **Sustainable Urban Drainage System**
5. **Green Building Design**
6. **Automated Bridge Inspection System**
7. **Soil Stabilization Techniques**
8. **3D Printing in Construction**
9. **Waste Management System**
10. **Smart Highway System**
11. **Flood Detection and Prevention System**
12. **Eco-Friendly Construction Materials**
13. **Smart Water Distribution System**
14. **Modular Housing Units**
15. **Renewable Energy Integration in Buildings**
16. **Autonomous Construction Vehicles**
17. **Intelligent Transportation System**
18. **Sustainable Pavement Design**
19. **Automated Building Management System**
20. **Landslide Detection System**

4. Computer Science Engineering

1. **AI-Based Chatbot for Customer Service**
2. **Blockchain-Based Voting System**
3. **IoT-Based Smart Home System**
4. **Augmented Reality for Education**
5. **AI-Powered Health Diagnosis System**
6. **Cybersecurity Threat Detection**
7. **Machine Learning for Predictive Maintenance**
8. **Virtual Reality for Real Estate Tours**
9. **Smart Waste Management System**
10. **Autonomous Drone Navigation System**
11. **Facial Recognition Attendance System**
12. **AI-Powered Personal Assistant**
13. **IoT-Based Health Monitoring System**
14. **Blockchain for Supply Chain Management**
15. **Automated Resume Screening System**
16. **Sentiment Analysis for Social Media**

17. **Smart Parking System**
18. **AI-Based Fraud Detection System**
19. **Cloud-Based Library Management System**
20. **Gesture Recognition System**

5. Electronics and Communication Engineering

1. **Wireless Body Area Network**
2. **Smart Traffic Control System**
3. **RFID-Based Attendance System**
4. **IoT-Based Weather Monitoring System**
5. **Wireless Patient Monitoring System**
6. **Automated Toll Collection System**
7. **Smart City Communication System**
8. **IoT-Based Smart Agriculture System**
9. **Automated Vehicle Identification System**
10. **Smart Gas Leak Detection System**
11. **Wireless Energy Meter Reading**
12. **GPS-Based Vehicle Tracking System**
13. **Home Automation Using Zigbee**
14. **Smart Elderly Care System**
15. **IoT-Based Smart Grid**
16. **Wireless Sensor Network for Forest Fire Detection**
17. **Digital Notice Board Using GSM**
18. **Smart Wearable Health Device**
19. **Automated Railway Crossing System**
20. **RFID-Based Library Management System**

6. Chemical Engineering

1. **Biofuel Production from Algae**
2. **Water Desalination System**
3. **Biodegradable Plastic Production**
4. **Waste-to-Energy Conversion**
5. **Air Purification System**
6. **Solar-Powered Chemical Reactor**
7. **Green Synthesis of Nanoparticles**
8. **Chemical Waste Treatment Plant**
9. **Renewable Energy from Biomass**
10. **Carbon Capture and Storage**
11. **Sustainable Packaging Materials**
12. **Pollution Control in Chemical Industries**
13. **Biochemical Sensors for Environmental Monitoring**
14. **Development of Eco-Friendly Dyes**

15. **Hydrogen Production from Water Splitting**
16. **Catalytic Converter for Emission Control**
17. **Sustainable Production of Ammonia**
18. **Photocatalytic Water Treatment**
19. **Energy Storage in Chemical Batteries**
20. **Bio-Based Adhesives**

7. Biomedical Engineering

1. **Wearable Health Monitoring Device**
2. **Prosthetic Limb with Sensory Feedback**
3. **AI-Based Diagnostic Tool**
4. **Smart Inhaler for Asthma Patients**
5. **Automated Insulin Pump**
6. **3D Printed Organs and Tissues**
7. **Smart Glasses for the Visually Impaired**
8. **Portable Dialysis Machine**
9. **Telemedicine System**
10. **Bio-Compatible Implants**
11. **AI-Powered ECG Analyzer**
12. **Robotic Surgery Assistant**
13. **Smart Bandage with Sensors**
14. **Neural Interface for Prosthetics**
15. **Remote Patient Monitoring System**
16. **Health Data Analytics Using AI**
17. **Wireless Health Monitoring Patch**
18. **Smart Pill Dispenser**
19. **Portable Blood Analyzer**
20. **Biometric Authentication System**

8. Aerospace Engineering

1. **Design of a Micro-Satellite**
2. **Unmanned Aerial Vehicle (UAV) Design**
3. **Rocket Propulsion System**
4. **Mars Rover Prototype**
5. **Aerodynamic Analysis of Aircraft Wings**
6. **Drone Swarm Technology**
7. **Space Debris Collection System**
8. **Hybrid Propulsion System**
9. **Supersonic Aircraft Design**
10. **VTOL (Vertical Take-Off and Landing) Aircraft**
11. **Satellite Communication System**
12. **Aeroelasticity in Aircraft Wings**

13. **Autonomous Drone for Disaster Management**
14. **Fuel Efficiency in Aircraft Engines**
15. **Space Habitat Design**
16. **Solar-Powered Aircraft**
17. **Advanced Avionics System**
18. **Mars Habitat Design**
19. **Hypersonic Flight Technology**
20. **Advanced Weather Monitoring System**

9. Environmental Engineering

1. **Air Quality Monitoring System**
2. **Water Purification Using Solar Energy**
3. **Smart Waste Segregation System**
4. **Rainwater Harvesting System**
5. **Green Roof Technology**
6. **Noise Pollution Control System**
7. **Sustainable Urban Planning**
8. **Waste-to-Energy Systems**
9. **Automated Composting System**
10. **Solar-Powered Water Desalination**
11. **Carbon Footprint Reduction Techniques**
12. **Automated Irrigation System**
13. **Eco-Friendly Building Materials**
14. **Water Recycling System**
15. **Sustainable Transportation Systems**
16. **Renewable Energy Integration**
17. **Biodiversity Conservation Strategies**
18. **Flood Prediction and Prevention System**
19. **Smart Grid for Renewable Energy**
20. **Plastic Waste Management System**

10. Industrial Engineering

1. **Automated Production Line**
2. **Smart Factory System**
3. **Lean Manufacturing Techniques**
4. **Supply Chain Optimization**
5. **Warehouse Automation System**
6. **Robotic Process Automation**
7. **Energy Management in Manufacturing**
8. **Quality Control Automation**
9. **Predictive Maintenance System**
10. **Automated Inventory Management**

11. **Ergonomics in Workplace Design**
12. **Six Sigma Implementation**
13. **Real-Time Production Monitoring**
14. **Advanced Logistics System**
15. **Industrial IoT Integration**
16. **Flexible Manufacturing Systems**
17. **Automated Quality Inspection**
18. **Digital Twin Technology**
19. **Sustainable Manufacturing Practices**
20. **Factory Energy Optimization**

11. Agricultural Engineering

1. **Automated Irrigation System**
2. **Smart Greenhouse System**
3. **Drone for Crop Monitoring**
4. **Solar-Powered Water Pump**
5. **Precision Farming Technology**
6. **Automated Seed Sowing Machine**
7. **Hydroponic Farming System**
8. **Smart Pest Control System**
9. **Livestock Monitoring System**
10. **Soil Moisture Sensor Network**
11. **Weather Prediction System for Farmers**
12. **Automated Crop Harvesting Machine**
13. **IoT-Based Farm Management System**
14. **Vertical Farming Techniques**
15. **Solar-Powered Cold Storage**
16. **Smart Fertilizer Dispenser**
17. **Automated Dairy Farm Management**
18. **Water Conservation Techniques**
19. **Biofuel Production from Agricultural Waste**
20. **Smart Beehive Monitoring System**

12. Robotics Engineering

1. **Autonomous Delivery Robot**
2. **Humanoid Robot**
3. **Robotic Arm for Manufacturing**
4. **Swarm Robotics**
5. **Robotic Vacuum Cleaner**
6. **Self-Navigating Drone**
7. **Robot for Hazardous Waste Handling**
8. **Assistive Robot for the Elderly**

9. **Underwater Exploration Robot**
10. **Robotic Exoskeleton**
11. **Automated Guided Vehicle (AGV)**
12. **Agricultural Robot**
13. **Medical Assistance Robot**
14. **Robot for Disaster Management**
15. **Warehouse Sorting Robot**
16. **Robot for Space Exploration**
17. **Surveillance Robot**
18. **Robot for Search and Rescue**
19. **Home Assistant Robot**
20. **Robotic Bartender**

13. Automotive Engineering

1. **Electric Car Design**
2. **Autonomous Vehicle Navigation**
3. **Hydrogen Fuel Cell Vehicle**
4. **Smart Traffic Management System**
5. **Hybrid Vehicle Design**
6. **Automated Parking System**
7. **Vehicle-to-Vehicle Communication**
8. **Anti-Collision System**
9. **Smart Tire Pressure Monitoring**
10. **Energy Regeneration in Vehicles**
11. **Eco-Friendly Car Materials**
12. **Smart Headlight System**
13. **In-Vehicle Infotainment System**
14. **Advanced Driver Assistance Systems (ADAS)**
15. **Battery Management System for EVs**
16. **Aerodynamic Car Design**
17. **Noise Reduction in Vehicles**
18. **Vehicle Health Monitoring System**
19. **Smart Fuel Management System**
20. **Automated Vehicle Inspection System**

14. Materials Engineering

1. **Development of Smart Materials**
2. **Nanomaterials for Energy Storage**
3. **3D Printing with Advanced Materials**
4. **Self-Healing Materials**
5. **Composite Materials for Aerospace**
6. **Biodegradable Plastics**

7. **High-Temperature Materials**
8. **Wear-Resistant Coatings**
9. **Materials for Flexible Electronics**
10. **Lightweight Materials for Automobiles**
11. **Corrosion-Resistant Alloys**
12. **Materials for Thermal Management**
13. **Conductive Polymers**
14. **Advanced Ceramics**
15. **Materials for Renewable Energy**
16. **Smart Textiles**
17. **Recycling of Electronic Waste**
18. **Bio-Based Materials**
19. **Transparent Conductors**
20. **Materials for Additive Manufacturing**

15. Marine Engineering

1. **Autonomous Underwater Vehicle (AUV)**
2. **Marine Pollution Monitoring System**
3. **Solar-Powered Boat**
4. **Wave Energy Converter**
5. **Smart Buoy for Ocean Data Collection**
6. **Anti-Fouling Coatings for Ships**
7. **Submarine Communication System**
8. **Marine Biodiversity Monitoring**
9. **Aquatic Drone for Research**
10. **Marine Renewable Energy Systems**
11. **Autonomous Surface Vessel**
12. **Ocean Thermal Energy Conversion**
13. **Underwater Welding Robot**
14. **Sea Water Desalination System**
15. **Smart Port Management System**
16. **Oil Spill Detection and Cleanup System**
17. **Ship Emission Control Technology**
18. **Underwater Habitat Design**
19. **Hydrodynamic Analysis of Ship Hulls**
20. **Advanced Marine Propulsion Systems**

16. Textile Engineering

1. **Smart Fabrics with Sensors**
2. **Eco-Friendly Dyeing Techniques**
3. **Wearable Technology Integration**
4. **Textile Recycling Systems**

5. **Fire-Resistant Fabrics**
6. **Antimicrobial Textiles**
7. **Energy Harvesting Textiles**
8. **Self-Cleaning Fabrics**
9. **Moisture-Wicking Materials**
10. **Biodegradable Textiles**
11. **Thermochromic Fabrics**
12. **Smart Textiles for Health Monitoring**
13. **Conductive Threads for Electronics**
14. **Lightweight Protective Gear**
15. **Sustainable Textile Production**
16. **Smart Clothing for Fitness Tracking**
17. **Temperature-Regulating Fabrics**
18. **Smart Textiles for Military Use**
19. **Textile Waste Management**
20. **Innovative Weaving Techniques**