



KPR INFOTECH SOLUTIONS

No.5, Balasubramaniyan Complex, Samiyar Thottam Opposite, College to Railway Road, Karaikudi -630 003.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF PROJECTS

S.No.	Project Title
1.	Smart Helmet for Accident Prevention and Detection
2.	Smart wearable devices for real-time health monitoring
3.	RFID Based Automated Smart Toll Collection System
4.	Smart and Secure Home Automation System with Speech Control and Power Monitoring
5.	A Smart Priority Based Traffic Control System for Emergency Vehicles
6.	Dynamic Object Monitoring with Computer Vision and Embedded Systems
7.	Energy Harvesting for IOT Status and Evaluation
8.	Smart Gesture-Controlled Robot with Wireless Integration
9.	IoT-based smart garbage monitoring system
10.	Energy-Efficient Solar-Powered Automated Vehicle Tracking
11.	An IoT-Based Smart Irrigation System
12.	IoT Based Health Monitoring System
13.	Real-time IoT-powered AI system for monitoring and forecasting of air pollution in industrial environment
14.	IoT Based Smart Energy Meter Monitoring and Billing System.
15.	A IoT-based System for Enhanced Home Security using Intelligent Solutions
16.	A Patient Monitoring System Using Internet of Things Technology
17.	IoT Based Smart Warehousing using Machine Learning
18.	IoT Enabled Intelligent Street Light System
19.	IoT Based Asset Tracking and Monitoring System
20.	IoT-based Flood Early Warning System for Effective Disaster Management
21.	Automatic Real Time Inventory Monitoring System using RFID Technology
22.	Energy efficient emergency rescue scheme in wireless sensor networks
23.	High Speed Transmission of Data or Video Over Visible Light Using Li-Fi
24.	Signal Propagation and Interference Management in 5G and Beyond Network

S.No.	Project Title
25.	Advanced Digital Communication system for Real-Time Remote Data Exchange
26.	Intelligent Pet Tracking System
27.	Flame Shield Forest Alarm
28.	Auto Lift Garage System
29.	Safe Sense Gas Detector
30.	Smart Contact-Free Doorbell System
31.	Smart Safety Helmet for Miners
32.	Inmate Escape Monitoring and Alert System
33.	Smart Safety Monitoring System for Wheelchair Users
34.	Smart Water Quality Monitoring System
35.	Auto Paw Smart Pet Feeder
36.	BagTrack Smart Locator
37.	EcoBin Smart Waste Management
38.	AI-Powered Remote Vehicle Monitoring System
39.	IoT-Based Geo-Tagging for Plantation in Hydro Project Catchment Area
40.	k-NN Search for Location-Based Sensor Data in MANETs
41.	Heavy-Traffic QoE Optimization for On-Demand Video Streaming over Fading Channels
42.	AI-Based Crime Detection and Alert System
43.	AI-Powered Conversational Health Agent for Rural and Urban Care using NLP and Deep Learning
44.	Real-Time Radar System Simulation with Arduino
45.	Arduino-Based Color Sorting and Counting System
46.	Dynamic Connectivity and Scheduling for QoS in Wireless Body Area Networks
47.	Energy efficient emergency rescue scheme in wireless sensor networks
48.	Real-Time Intersection-Aware Routing for Urban Vehicular Networks
49.	Distributed Privacy-Preserving Authentication for Vehicular Ad Hoc Networks
50.	CISRP Connectivity-Aware Shortest Path Routing for VANETs in Urban Areas