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IEEE PROJECT TITLES 2019-20
Embedded Project

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S.N	TITLE NAME
1	DESIGN AND IMPLEMENTATION OF PATIENT MONITORING SYSTEM USING RTOS
2	LI-FI BASED BLIND INDOOR NAVIGATION SYSTEM FOR VISUALLY IMPAIRED PEOPLE
3	TOUCH SCREEN ENABLED DATA TRANSFER BETWEEN TWO USB FLASH DISKS
4	AN ADVANCED AMBULANCE RESCUE SYSTEM USING PRIORITIZED TRAFFIC SWITCHING
5	IMAGE TRANSMISSION IN WIRELESS MULTIMEDIA SENSOR NETWORKS
6	AUTOMOTIVE MONITORING AND CONTROLLING BY USING THE CORTEX M3 MICROCONTROLLER
7	RFID BUS MANAGEMENT SYSTEM USING IOT
8	LIFI INTEGRATED TO POWER-LINES FOR SMART ILLUMINATION CUM COMMUNICATION
9	PERIODIC TASK MINING IN EMBEDDED SYSTEM TRACES
10	TRACKING LIMB MOTION USING A WIRELESS NETWORK OF INERTIAL MEASUREMENT UNITS(IMU)
11	VEHICLE HEALTH MONITORING SYSTEM USING LIN PROTOCOL
12	A CAN PROTOCOL BASED EMBEDDED SYSTEM TO AVOID REAR-END COLLISION OF VEHICLES
13	FINGER-VEIN RECOGNITION SYSTEM FOR E-VOTING
14	IMPLEMENTATION OF FAULT TOLERANT NETWORK MANAGEMENT SYSTEM FOR CAN BUS USING CAN OPEN
15	ADVANCED ELECTRONIC VOTING MACHINE USING FINGERPRINT SENSOR

16	A CAN BUS BASED SYSTEM FOR MONITORING AND FAULT DIAGNOSIS IN WIND TURBINE
17	MQTT BASED HOME AUTOMATION SYSTEM USING ESP8266 - NODEMCU
18	HOME ENERGY MANAGEMENT WITH ZIGBEE SENSOR NETWORK
19	MOTION TRACKING SYSTEM FOR VIRTUAL TRAINING
20	DOCKING SYSTEM FOR RECHARGING SURVEILLANCE ROBOTS
21	OBJECT AVOIDANCE ROBOT USING KINECT SENSOR BASED DIJKSTRA'S ALGORITHM
22	CAR REVERSE GUIDE USING LIN PROTOCOL
23	VEHICLE HEALTH MONITORING SYSTEM USING LIN PROTOCOL
24	A CAN PROTOCOL BASED EMBEDDED SYSTEM TO AVOID REAR-END COLLISION OF VEHICLES
25	FINGER-VEIN RECOGNITION SYSTEM FOR E-VOTING
26	EMULATION OF NODAL POWER TRANSMISSION PILFERING AND TAMPER DETECTION USING EMBEDDED SYSTEM ARCHITECTURE
27	ENERGY DISTRIBUTION MANAGEMENT WITH PHOTO VOLTAIC SYSTEM
28	AN ENERGY MANAGEMENT SYSTEM FOR A SMART OFFICE ENVIRONMENT
29	SEPARATE DIMMING CONTROLLING AND DATA TRANSMISSION FOR AN INDOOR VISIBLE LIGHT COMMUNICATION SYSTEM
30	RTOS BASED SYSTEM FOR MONITORING AND FAULT DIAGNOSIS IN WIND TURBINE
31	DESIGN OF AN AUTOMOTIVE SAFETY SYSTEM USING CONTROLLER AREA NETWORK
32	A PRACTICAL WIRELESS ATTACK ON THE CONNECTED CAR AND

	SECURITY PROTOCOL FOR IN-VEHICLE CAN
33	ETHERNET ENABLED DIGITAL I/O CONTROL IN EMBEDDED SYSTEMS
34	MEASURING AND REPLICATING HUMAN ARM IMPEDANCE IN TELE OPERATED ROBOTS
35	IMPLEMENTATION OF FAULT TOLERANT NETWORK MANAGEMENT SYSTEM FOR CAN BUS USING CAN OPEN