

EMBEDDED MAJOR PROJECTS LIST

CODE	PROJECT TITLE	APPLICATION	TECHNOLOGY /CORE
KTEMB 01	A Location Aided Flooding Mechanism In Community Based Iot Networks	IOT	IEEE INTERFACING GPRS /GPS /RFID /SENSOR APPLICATION MICROCONTROLLER
KTEMB 02	An Iot Based Fire Alarming And Authentication System For Workhouse	IOT	
KTEMB 03	Autonomic Smart Sensor Interface For Industrial And Home In Iot Environment	IOT	
KTEMB 04	Society Data And Evaluation Comparative Policy Evaluation	IOT	
KTEMB 05	Field Monitoring And Automation Using Iot In Agriculture	IOT	
KTEMB 06	Guide To Senior Safety At Smart Homes	IOT	
KTEMB 07	Innovative And Advanced Technology For Home Controlling	IOT	
KTEMB 08	Intelligent Safety Transport Framework For Schools	IOT	
KTEMB 09	Micro Location For Internet Of Things Equipped Smart Buildings	IOT	
KTEMB 10	Mobilizing Intelligent Transportation Systems	IOT	
KTEMB 10	RTOS Smart Meter Smart Grid And Smart Energy System	IOT	
KTEMB 12	Satellite Technology For Advanced Railway Signaling	IOT	
KTEMB 13	Super Cash Registers With Integrated GPRS Terminal	IOT	
KTEMB 14	The Role Of Sensors In Iot Medical And Healthcare Applications	IOT	

TELANGANA: Head Office: 2nd Floor, Solitaire Plaza, Beside Image Hospital Ameerpet, (HYD) (040 44433434);
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 ANDHRA PRADESH: Vijayawada (9000404182)
 MAHARASHTRA: PUNE (9763602006);

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KTEMB 15	War Field Spying Robot Based On Android	MILITARY	IEEE INTERFACING ESP WIFI / BLUETOOTH / ROBOT / ANDROID MICROCONTROLLER
KTEMB 16	Android Mobile Controlled Door Security Locking System	SMART SECURITY	
KTEMB 17	Configuration Of Smart Environments	AUTOMATION	
KTEMB 18	Data Dissemination In Vehicular Cloud Systems Using Pre Fetching	AUTOMOTIVE	
KTEMB 19	Enhanced Fingerprinting And Trajectory Prediction For IoT Localization In Smart Buildings	BIOMETRIC SECURITY	
KTEMB 20	Home Based Health Monitoring System Using Android	BIO-MEDICAL	
KTEMB 21	Library Access System By Smartphone Application Using Android	SECURED ACCESS	
KTEMB 22	Location Based Services For The Blind Support	NAVIGATION	
KTEMB 23	Modern E-Menu Card Based System For Classical Restaurant	MARKETING	
KTEMB 24	Real Time Multi Patient Monitoring System Using Arm	BIO-MEDICAL	
KTEMB 25	Using Bluetooth Enabled Devices As The Key	SMART ACCESS	
KTEMB 26	Vital Signs Monitoring And Management Using Mobile Devices	SMART VOICE	
KTEMB 27	Bank Locker Security System Using Multi Biometrics Fusion	BIOMETRIC	
KTEMB 28	Biometric Design Of Highly Secured Automatic Teller Machine	BIOMETRIC SECURITY	
KTEMB 29	Biometric Feedback Collection System In Colleagues	DATA SECURITY	
KTEMB 30	Real Time Biometrics Based Vehicle Security System	SECURITY	
KTEMB 31	Smart Attendance Monitoring And Auto Paging System	BIOMETRIC	
KTEMB 32	Finger Print Based Vehicle Immobilizer	SECURITY	
KTEMB 33	Dual Security Access Banking System Based On Finger Print And Keypad Password	SECURITY ACCESS	

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KTEMB 34	An Enhanced Fall Detection System For Elderly Person	BIO-MEDICAL	IEEE REAL - TIME / GPS / GSM / COMMUNICATION MICROCONTROLLER
KTEMB 35	Baby care Alert System For Child Left In A Parked Vehicle	EMBEDDED	
KTEMB 36	Dash Board Monitoring And Drowsiness Detection Of Driver	EMBEDDED	
KTEMB 37	Embedded System Based College Bus Tracking For Students	REAL TIME	
KTEMB 38	Global System Based Device Controlling	AUTOMATION	
KTEMB 39	Hiding Security System For Alone Women's	SECURITY	
KTEMB 40	Highly Secured System For Exam Paper Wallets	DATA SECURITY	
KTEMB 41	Intelligent Mailbox System with Delivery Notification	COMMUNICATION	
KTEMB 42	Intelligent System For Air Pollution Finding In Vehicles	AUTOMOTIVE	
KTEMB 43	Patient Health Monitoring And Tracking System	BIO-MEDICAL	
KTEMB 44	Patient Centered Appointment Scheduling Using Agent System	BOOKING	
KTEMB 45	Vehicle Security System For Defending Against Collaborative Attack By Malware	VEHICULAR	
KTEMB 46	Two Factor Authentication For High Security ATM Users	LOGIN SECURITY	
KTEMB 47	Bus Tracking System Based on Location Aware Services	NAVIGATION	
KTEMB 48	Automated Parking Lot For Autonomous Vehicles	BOOKING	
KTEMB 49	Embedded Based School Children Safety	REAL TIME	
KTEMB 50	Hap Tic Devices Integrating For Customer Electronic Devices	MAN MACHINE	
KTEMB 51	Optimized Design Of Student Attendance	DATA STORAGE	
KTEMB 52	Retail Trade Area Analysis Concepts And New Approaches	MAN MACHINE	
KTEMB 53	Secure Child Tracking An Monitoring Activities By Android	SURVEILLANCE	
KTEMB 54	Smart Traffic Control For Emergency Vehicle Clearance	TRANSPORT	
KTEMB 55	Vehicle Emission Monitoring And Tracking Management	TRANSPORT	
KTEMB 56	An Advanced Security System Integrated Toll Collection	MANCHINE VISION	
KTEMB 57	Wrong Driving Identity With Intelligence EChallan Proof	MACHINE VISION	
KTEMB 58	Smart Shopping Cart In Malls	FINANCIAL	
KTEMB 59	Modern Pantry System In Theaters	MARKETING	

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KTEMB 60	Energy Efficient Data Collection In Wireless Sensor Networks	WSN DATA STORAGE	IEEE INTERFACING ZIGBEE / WSN / COMPUTER / DATA MANAGEMENT MICROCONTROLLER
KTEMB 61	Home Automation System Through Wireless Sensor Network	WSN AUTOMATION	
KTEMB 62	Home Electricity Consumption Monitoring Enhancement Using Smart Device Status Information	DATA USAGE	
KTEMB 63	Integrated Mine Safety Monitoring And Alerting System	SURVEILLANCE	
KTEMB 64	Localization Of Health Center Assets Through An IoT	DATA STORAGE	
KTEMB 65	Smart Helmet & Intelligent Bike System Using RF Technology	SMART SECURITY	
KTEMB 66	Smart Traffic Control System For Emergency Vehicle Clearance	TRANSPORTATION	
KTEMB 67	Traffic Signal Phase And Timing Estimation From Low Frequency Transit Bus Data	SECURITY	
KTEMB 68	Biomedical Parameter Monitoring System	DATA STORAGE	
KTEMB 69	Zigbee Based Portable Roadside Sensors For Vehicle Counting, Classification And Speed Measurement	DATA STORAGE	
KTEMB 70	Zigbee Based Smart Street Light Controlling System	COMPUTER VISION	
KTEMB 71	Zigbee Network System For Observing Operating Activities Of Work Vehicles	COMPUTER VISION	
KTEMB 72	Real Time Building Zone Occupancy Detection And Activity Visualization	REAL TIME	
KTEMB 73	A Sensitized Companion Robot for Elderly Care and Home Control	SMART ROBOT	IEEE ULTRASONIC / VOICE IC / ROBOTICS MICROCONTROLLER
KTEMB 74	Human Detection in Disaster Zones Using Manually Controlled Robots	RESCUE BOT	
KTEMB 75	Indoor Robot Localization System Using Wi-Fi	HUMANOID	
KTEMB 76	Multipurpose Robot for Patients and Military applications	SMART BOT	
KTEMB 77	Partial Automation Of Coal Stocking Process Into Furnace	STOCK MOVER	
KTEMB 78	Robotic Ambulance for Emergency	FIRST-AID BOT	
KTEMB 79	Smart Host Microcontroller For Optimal Battery Usage	ENERGY STORAGE	
KTEMB 80	Military Surveillance Car	GOBAL ROBOT	

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KTEMB 81	An Advanced Wireless Assistant System For Dumb And Illiterates By Using Touch Screen & Zigbee	COMMUNICATION	IEEE RFID / MEMS / VOICE IC / COMMUNICATION MICROCONTROLLER
KTEMB 82	An Efficient Car Driving Controller System Design For Physically Challenged People Using Arm Processor	HANDICAPPED	
KTEMB 83	Controlling Home Appliances Using Head Movement And Voice Enabled Alerts	MOVEMENT	
KTEMB 84	RFID Based Travel Assistant And Voice Alert System For The Blind Peoples	NAVIGATION	
KTEMB 85	Voice Based Portable Programmable Medication Reminder	SMART SYSTEM	
KTEMB 86	A Design Of A Hand Talk System By Using MEMs	SMART VOICE	
KTEMB 87	WSN Based Industrial Parameter Monitoring System With Voice Announcement	INDUSTRIAL	
KTEMB 88	Voice Based Heartbeat Monitoring And Alerting System For Elder People	BIO-MEDICAL	
KTEMB 89	Sensor Based Accident Avoidance System In Vehicles	AUTOMOTIVE	
KTEMB 90	Intelligent Helmet System	SMART DEVICE	
KTEMB 91	A Smart Anti-theft System for Vehicle Security	AUTOMOTIVE	IEEE IMAGE PROCESSING / SPEECH RECOGNIZATION MICROCONTROLLER
KTEMB 92	Adaptive Traffic Lights Using Car to Car Communication	ROADWAYS	
KTEMB 93	An open speaker recognition enabled identification and authentication system	MATLAB	
KTEMB 94	Driver Gaze Tracking And Eyes Off The Road Detection System	MATLAB	
KTEMB 95	Home Security System and Door Access Control Based on Face Recognition	MATLAB	
KTEMB 96	Image Processing for Fruit Shape and Texture Feature	MATLAB	
KTEMB 97	Portable Camera Based Product Label Reading For Blind People	MATLAB	
KTEMB 98	Voice Controlled Robotic Vehicle with Speech Recognition	MATLAB	
KTEMB 99	Voice Controlled Home Automation System	MATLAB	

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KTEMB 100	Anti Theft ATM Machine Using Vibration Detection Sensor	SECURITY	IEEE INFORMATION SYSTEM /SENSORS /SMART METER /SECURITY SYSTEM MICROCONTROLLER
KTEMB 101	Auto Metro Train To Shuttle Between Stations	METRO	
KTEMB 102	Automatic Car Parking Slot Indicator System	DASHBOARD	
KTEMB 103	Automatic Drunken Driven Detecting System	SMART SYSTEM	
KTEMB 104	Automatic Monthly Energy Meter Billing Over GSM To Users	HOUSEHOLD	
KTEMB 105	Design And Implementation Of Automated Blood Bank	INFORMATION	
KTEMB 106	Electronic Auto Information Query System In Educational Institutions	INFORMATION	
KTEMB 107	Implementation Of Aadhaar Card Based EVM Machine	PUBLIC USAGE	
KTEMB 108	Portable Programmable Medication Reminder	ALARM SYSTEM	
KTEMB 109	Portable Roadside Sensors For Vehicle Counting Classification & Speed Measurement	INTELLIGENT SYSTEM	
KTEMB 110	Railway Track Pedestrian Crossing Without Using Staircase	SMART CROSSING	
KTEMB 111	Robust Railway Crack Detection System	ALERT SYSTEM	
KTEMB 112	Autonomous Recognition Of Left Behind Passengers In Parked Vehicles	ALERT SYSTEM	
KTEMB 113	Ultrasonic Sensor Based Parking Guidance System	INFORMATION	
KTEMB 114	Vehicle Movement Based Street Light Control System	TRANSPORTATION	
KTEMB 115	A Smart Meter Design And Implementation Using Zigbee Based Wireless Sensor Network In Smart Grid	HOME AUTOMATION	
KTEMB 116	Intelligent Pillbox Automatic And Programmable Assistive Technology Device	REAL-TIME	
KTEMB 117	Secure Iot Platform For Industrial Control Systems	AUTOMATION	
KTEMB 118	Modern Electronic Eye Dial Up	SMART SECURITY	

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