



# Ingens

A Unit of [Ensemble Tech Pvt Ltd](#)

IEEE Projects in - Embedded Sys | VLSI | DSP | DIP | EIE | MATLAB | Electrical | Android

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## About Us :

We at Ingens Tech specialize in academic projects training, guidance and implementation. We offer project guidance and training for final year projects in departments like ECE, EEE, E&I and other associated departments. We have a impeccable track record over the last ten years, during which we have guided thousands of projects in various domains like

- Embedded System Projects
- VLSI Projects
- DSP Projects
- DIP Projects
- MATLAB Projects
- Electrical Projects
- Instrumentation Projects
- Robotics Projects



...and many more related domains. Most of these projects are based on latest international publications like IEEE papers. We hand pick IEEE projects for students to meet their requirements.

## About This List :

This projects list is a partial list, taken from our full projects list for the year 2013-14. Most of the projects on the list are based on IEEE base papers for 2013-14. This list is only to give the students a brief idea about the possibilities with a specific technology. We have 100s of other projects in various other domains also. Students can choose either from this list or contact us to get more project options.

## Contact Us :

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S.No	GSM   CDMA   Mobile Communication	CODE
1	GSM based automatic energy meter reading system with instant billing	INGSM01
2	Fall detection system for elderly with GSMcommunication and GPS localization	INGSM02
3	Silicon eyes: GPS-GSM based navigation assistant for visually impaired using capacitive touch braille keypad and smart SMS facility	INGSM03
4	Design of household control system based on ZigBee, GSM and TCP/IP protocol	INGSM04
5	Low cost electricity meter reading system using GSM	INGSM05
6	A smart prepaid energy metering system to control electricity theft	INGSM06
7	Simplified Secure Wireless Railway for Public Transport	INGSM07
8	Telehealth mobile system	INGSM08
9	Implementation of children tracking system on android mobile terminals	INGSM09
10	Intelligent vehicle monitoring system using wireless communication	INGSM10
11	Vehicle anti-theft tracking system based on Internet of things	INGSM11
12	ARM Hardware Plaform for Vehicular Monitoring and Tracking	INGSM12
13	Low cost EEG signal acquisition system	INGSM13
14	Design of cell phone operated robot using DTMF for object research	INGSM14
15	Design of an intelligent electric vehicle for blind	INGSM15
16	Energy management in an automated solar powered irrigation system	INGSM16
17	Pervasive health care system for monitoring oxygen saturation using pulse oximeter sensor	INGSM17
18	A GPS based traffic light pre-emption control system for emergency vehicles	INGSM18
19	Locking and unlocking of theft vehicles using CAN (Theft Control System)	INGSM19
20	Smart metering system	INGSM20
21	Location estimation in large indoor multi-floor buildings using hybrid networks	INGSM21
22	Environment monitoring and early warning system of facility agriculture based on heterogeneous wireless networks	INGSM22
23	CaregiverNet: A novel social support intervention for locating and securing wandering Alzheimer's patients as soon as possible	INGSM23



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24	A child-left-behind warning system based on capacitive sensing principle	INGSM24
25	Medicament dispensation system with patient supervision	INGSM25
26	A fault preventive wireless sensor sewer system for urban infrastructure management infusing embedded systems	INGSM26
27	Design and development of remote vehicle health monitoring system using context aware web services	INGSM27
28	Vehicular traffic monitoring using Bluetooth	INGSM28
29	Power quality metering unit with networking capability	INGSM29
30	Embedded system for remote monitoring of OBD bus	INGSM30
31	Remote environmental monitoring system for application in industry and landfill sites	INGSM31
32	An efficient SMS-based framework for public health surveillance	INGSM32
33	Design of accident detection and alert system for motor cycles	INGSM33
34	A wireless sensor network for RF characterisation of buildings	INGSM34
35	Experimental study and design of smart energy meter for the smart grid	INGSM35
36	Environment monitoring and device control using ARM based embedded controlled sensor network	INGSM36
37	Remote control system of smart appliances based on wireless sensor network	INGSM37
38	The Design of Transmission Line Icing Monitoring System Based on ZigBee	INGSM38
39	A New Personalized Agriculture Advisory System	INGSM39