



Phone	: 044-28552311
Mobile	: +91 9790005746
Email	: projects@ensemble-tech.com
Website	: www.ensemble-tech.com
Address	: ABC Trade Center, 50, Mount Road, Near Devi Theater, Chennai-2

IEEE Projects in - Embedded Systems | VLSI | DSP | DIP | Inst | MATLAB | Electrical

About Us :

We at Ensemble Technologies specialize in electronic design and manufacturing services for various industrial segments. We also offer student 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 Systems 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 2011-12. Most of the projects on the list are based on IEEE base papers for 2011-12. 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 :

Website : www.ensemble-tech.com
Email : projects@ensemble-tech.com
Mobile : +91 9790005746
Landline: 044-28552311 / 42663268

Address: 4th Floor, ABC Trade center, 50, Mount Road, Near Devi Theater Complex, Chennai – 600002.



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S.No	GIS/GPS Telematics	Code
1	Evaluating the performance of GPS survey methods for landslide monitoring at hillside residential area	EGGT1
2	Difference analysis of GPS data base sources based on vehicle location system	EGGT2
3	The integrative construction of GPS water vapor monitoring system	EGGT3
4	GPS and GSM Based error free Accident Identification and Information system	EGGT4
5	Low power portable GPS based transceiver for sea and land surveillance	EGGT5
6	Fusion of Artificial Vision and GPS to Improve Blind Pedestrian Positioning	EGGT6
7	Adhoc Networking based Pollution monitoring and SOS system	EGGT7
8	Ruggedisation methodologies for GPS based Vehicle Tracking System	EGGT8
9	Research on alarm system of railway crossing based on GPS and GPRS	EGGT9
10	GPS-Based Wireless Ad Hoc Network for Marine Monitoring, Search and Rescue (MSnR)	EGGT10
11	Development and Experimental Analysis of SCM & GPS-based Agriculture Farmland Area Measuring Device	EGGT11
12	Environmental campus: Managing campus parking meters using GPS and GIS	EGGT12
13	Making Sense of Technology: A Triple Contextual Perspective of GPS Use in the Taxi Industry	EGGT13
14	Vehicle attitude estimation in adverse weather conditions using a camera, a GPS and a 3D road map	EGGT14
15	Vehicle Heading Estimation Using a Two Low-Cost GPS Receiver Configuration	EGGT15
16	The design of the scene of the accident alarm system based on ARM and GPS	EGGT16
17	Advanced Navigational and Information system for automobiles	EGGT17
18	A Low-Cost Sensor Array and Test Platform for Automated Roadside Mowing	EGGT18



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19	Pilgrims Tracking Using Wireless Sensor Network	EGGT19
20	Optimization of energy usage in Wireless Sensor Network using Position Responsive Routing Protocol (PRRP)	EGGT20
21	Application of Geographical Information System to earthquake disaster	EGGT21
22	ZigBee/GPS tracking system for rowing races	EGGT22
23	eCall: Automatic notification of a road traffic accident	EGGT23
24	The research of dynamic agricultural machinery working area measure system	EGGT24
25	Design of vehicle positioning system based on ARM	EGGT25
26	Real-time urban transportation service tracking and monitoring	EGGT26
27	Anti-theft tracking system for automobiles (AutoGSM)	EGGT27
28	GPS and RF based Driver information system (Intelligent Sign boards)	EGGT28
29	Fault location in underground power networks	EGGT29
30	Real-Time Urban Monitoring Using Cell Phones	EGGT30
31	Traffic information prediction in Urban Vehicular Networks	EGGT31
32	Smart Grid Technologies for Autonomous Operation and Control	EGGT32
33	Traffic accident automatic detection and remote alarm device	EGGT33
34	A wide-area bird monitoring system using geographically distributed base stations	EGGT34
35	Collision avoidance systems for trains	EGGT35
36	Position Matching Based Autonomous Speed Regulation System for Vehicles	EGGT36
37	GPS and GSM based elderly and children care system	EGGT37



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38	Deep NINJA: A new float for deep ocean observation developed in Japan	EGGT38
39	A vision system for UAV position control	EGGT39
40	Energy Efficient system for wildlife movement monitoring for accident prevention in highways	EGGT40
41	A new solutions for staff localization in chemical plant	EGGT41
42	A predictive location-aware algorithm for dementia care	EGGT42
43	Design and implementation of intelligent public transport system based on GIS	EGGT43
44	Bus Trip Planning Service Based on Real Time Data	EGGT44
45	Multi-Modal Transportation Advisor system	EGGT45
46	Cargo positioning and tracking system using Zigbee and GPS on ports.	EGGT46
47	Secure Digital card based vehicle movement logger for fleet monitoring applications.	EGGT47
48	Zigbee network for railways using GPS for collision warning and avoidance.	EGGT48
49	Pre programmed portable navigation aid for fisherman with weather updates and distress alerting system.	EGGT49
50	Automatic traffic signal switching system by differential positioning of vehicles using GPS for ambulances and fire fighter vehicles.	EGGT50
51	Employee safety tracking system for call center employees using GPS and GSM.	EGGT51