



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	SMART Sensors MEMS Transducers	CODE
1	A Hybrid Sensor System for Indoor Air Quality Monitoring	INSMT01
2	A Wireless Passive Sensor for Temperature Compensated Remote pH Monitoring	INSMT02
3	Information-Driven Sensor Selection for Energy-Efficient Human Motion Tracking	INSMT03
4	An arrayed MEMS accelerometer with a wide range of detection	INSMT04
5	Investigating inertial measurements using MEMS devices in trainborne automatic track condition monitoring applications	INSMT05
6	MEMS for automotive and consumer electronics	INSMT06
7	A MEMS integrated navigation system based on DSP and FPGA	INSMT07
8	Design of Mems Gyroscope to detect and monitor Parkinson's disease	INSMT08
9	Design, development and testing of MEMS based seismometer for space application	INSMT09
10	Way-finding Electronic Bracelet for visually impaired people	INSMT10
11	A smarter toll gate based on Web of Things	INSMT11
12	Proposed framework for underwater sensor cloud for environmental monitoring	INSMT12
13	Airfield Lamp Monitoring & Control Systems	INSMT13
14	Optimization of standalone street light system with consideration of lighting control	INSMT14
15	A motion control method of intelligent wheelchair based on hand gesture recognition	INSMT15
16	Development of microcontroller based ambulatory instrument to detect drowsiness	INSMT16
17	Angular measurement using MEMS digital gyroscope with PIC and LabVIEW interface for space applications	INSMT17
18	Design and implementation of a renewable energy monitoring system	INSMT18
19	Two Dimensional IR bitmap generation system using Pyro-electric Transducers	INSMT19
20	Control system based on Gesture recognition using 3D MEMS Accelerometers	INSMT20
21	Automation Of Bearing Monitoring And Lubrication System For Paper/Steel Industries Using VI	INSMT21
22	Design of Virtual Instrumentation Network for Graphical Signal Transfer in Hospitals for Noise rejection using Digital Filters	INSMT22