



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	PLC EPLC SCADA DCS HMI	CODE
1	Development of PLC-Based Software for Increasing the Dependability of Production Automation Systems	INPLC01
2	Automata-Based Railway Signaling and Interlocking System Design	INPLC02
3	On the Implementation of Industrial Automation Systems Based on PLC	INPLC03
4	Monitoring and control of a PLC based VFD fed three phase induction motor for powder compacting press machine	INPLC04
5	Water storage and distribution system for pharmaceuticals using PLC and SCADA	INPLC05
6	Ventilation Door's Automatic Control System Based on PLC and Rotary Encoder	INPLC06
7	Fuzzy control of robotic arm implemented in PLC	INPLC07
8	Water level control system using PLC and wireless sensors	INPLC08
9	Intelligent Control System of Transformer Cooling Based on DCS and Dual PLC	INPLC09
10	The implementation of PLC monitoring system based on OPC	INPLC10
11	Utilization of the PLC as a web server for remote monitoring of the technological process	INPLC11
12	Implementation of a PLC and OPC-based DC motor control laboratory	INPLC12
13	PLC controlled elevator system	INPLC13
14	The PLC-based Control System for Intelligent Garage	INPLC14
15	Development of an intelligent condition monitoring system for AC induction motors using PLC	INPLC15
16	Design of integrated supervision and control system for substation	INPLC16
17	Design and Implementation of the Dual-Axis Solar Tracking System	INPLC17
18	Intelligent Building Automation and Control Based on IndasIBMS	INPLC18
19	Communication and load balancing using SCADA model based integrated substation	INPLC19
20	SCADA application of a water steam cycle of a thermal power plant	INPLC20
21	SCADA house intelligent management for energy efficiency analysis in domestic consumers	INPLC21
22	Microcontroller-Based Robotics and SCADA Experiments	INPLC22
23	Instrumentation for safe vehicular flow in intelligent traffic control systems using wireless	INPLC23



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	networks	
24	Wind generator tower vibration fault diagnosis and monitoring based on PCA	INPLC24
25	The design of a distributed control system based on CAN bus	INPLC25
26	Data acquisition and control using Arduino-Android platform: Smart plug	INPLC26
27	Design of monitoring and scheduling system for a large-scale reverse osmosis desalination plant	INPLC27
28	The design of a distributed control system based on CAN bus	INPLC28
29	SCADA And PLC Based Distribution And Substation Automation	INPLC29
30	Design and Implementation of a Industrial Interactive System using EPLC	INPLC30