

*We are doing various Realtime
Project & Training solution for Students*

**100% Practical
Oriented Training**

IEEE - PROJECTS & TRAINING

For ME/M.Tech, BE/B.Tech, MCA, M.Sc & Diploma Students

Courses

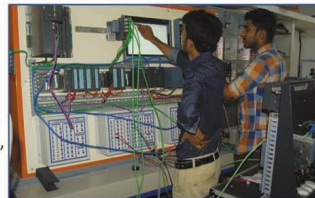
- Embedded System & Applications
- Very Large Scale Integration (VLSI)
- Power Electronics & Drives
- PLC & SCADA
- DCS & Industrial Communication
- MATLAB & LABVIEW
- Internet of Things (IoT)
- Raspberry Pi
- Cortex A & M Series
- Wireless Sensor Networking

Inplant Training

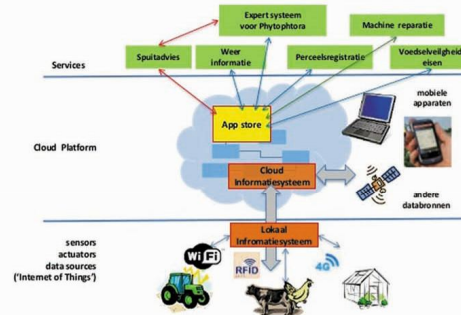
- Microprocessor & Microcontroller
- Arduino, 89C51, LPC2148 & dsPIC
- Very Large Scale Integration (VLSI)
- Embedded System
- PCB Design
- MATLAB - Simulink & LABVIEW
- PLC Automation & SCADA
- Wireless Communication
- Power Electronics Hardware

Project Solutions

- * Embedded System
- * Embedded Networking
- * VLSI Implementation
- * Wireless Communication
- * Bio-Medical Application
- * Matlab and Labview Implementation
- * Power Electronics & Drives (Simulation & Hardware based on chopper converter, Inverter, Renewable energy sources using PI, PID & Fuzzy Logic controller)
- * Internet of Things (IoT)
- * Wireless - RF, RFID, GSM, GPS, Bluetooth, ZigBee, GPRS & Wifi
- * Protocol - I²C, SPI, CAN, USB, Ethernet, Internet
- * Mc - 89c51, PIC, dsPIC, ARM7, ARM9 & ARM11, Cortex M3 & M4
- * Raspberry Pi 3 Model B
- * FPGA - SPARTAN 3E, SPARTAN 6 & Virtex
- * IAR Workbench, MPLAB IDE, XILINX ISE, MATLAB - Simulink
- * OS-μC/OSII, Linux Kernel 2.6.x and 2.8.x, ARM Linux GCC 4.4.3/4.3.2, Opencv 2.4.6, WinCE, ECLIPSE & Android
- * VB.Net & Java



INTERNET OF THINGS (IoT)



SIEMENS Industrial IoT Solutions



RASPBERRY PI 3



ARDUINO BOARD

SENSOR MODULES

Vi Microsystems designed 14 sensor modules for IoT Applications



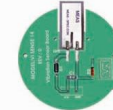
Force Sensor



Magnetic Sensor



Humidity Sensor



Vibration Sensor



RH & Temperature Sensor



Temperature Sensor



Light Sensor



3 Axis Accelerometer



Motion Sensor



Smoke Sensor



Tilt Sensor



Speed Sensor



Pressure Sensor



Touch Sensor

PROJECT SOLUTION KITS



LPC 2148 Project Board



Spartan 3E Project Board



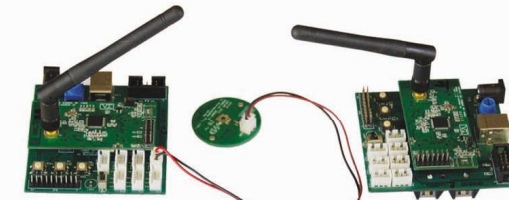
Cortex M4 Project Board



89C51 Project Board



PIC 16F877A Project Board



Wireless Sensor Network : ZigBee CC2538



SIEMENS PLC LOGO

Siemens Sitrain Authorized Training Center (ATC) in Chennai

Siemens Certified Training on : i) PLC ii) SCADA iii) AC/DC Drives iv) Switch Gear



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