

## **Major projects in lab**

### **Ambient smoke detector for industrial application**

Presence of unwanted gases has been monitored and control signal will be sent to corresponding person.

### **Line follower robot**

A working model robot which follows on the drafted line

### **Distance measurement system for blind people**

A compact wearable system which measures the distance of the object and alert the blind people

### **Sensor based smart home system using mobile network**

A Sensor system which monitor and alert the user about home parameter (temperature, Humidity) changes

## **CENTRE OF EXCELLENCE**

### **EMBEDDED SYSTEMS AND APPLICATIONS**

#### **Introduction**

The Centre is exploiting the properties of materials at the embedded scale for various applications by developing products meeting a relevant societal and industrial requirement besides providing consultancy services. The thrust areas for such applications include processing cores that are either Microprocessors & Microcontroller or digital signal processors.

#### **HIGHLIGHTS**

**Title:** Embedded system based intelligent irrigation system using WSN.

The project is carried out by Mr.Jose Anand under the guidance of Dr.R.Senthil which has been approved and funded by The Institution of Engineer's (India) on 28th April 2015 for Rs 50000.

- Workshop on embedded applications on 15/8/15

- Workshop on real time embedded System on 03/8/15

**INDUSTRY PARTNERS**



TREND AUTOMATION



**YOKOGAWA**

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