

## UPL's Chemo Electronic Lab wins national award for environmental cause.

In recognition of its R & D efforts in the area of Pollution Control and Environmental Protection, the national award for the year 2007 was presented to United Phosphorus Ltd; Chemo Electronic Laboratory (CEL), Vapi, Gujarat.

The CEL of United Phosphorus has successfully designed, developed and commercialized Gas Monitoring Devices for the fumigation industry along with Flammable Gas Detection Devices for the industrial and the domestic sectors as well as Breath Alcohol Analyzer for the traffic police, railways and hospitals. For the first time indigenous technology was developed to produce Electrochemical Sensors for many gases like Phosphine (**PH<sub>3</sub>**), Carbon Monoxide (CO), Sulphur Dioxide (**SO<sub>2</sub>**), Hydrogen Sulphide (**H<sub>2</sub>S**), Chlorine (**Cl<sub>2</sub>**) and Nitrogen Dioxide (**NO<sub>2</sub>**) etc.

The fumigation industry which uses highly toxic fumigants like Phosphine (**PH<sub>3</sub>**), Methyl Bromide (MBr) etc., requires a variety of detection devices. There was no single point source for these products. With five developed instruments for this application, UPL has recently become the only manufacturer in the world to produce all the necessary detection devices for the fumigation industry. The other products developed for flammable gases and breath alcohol analysis is unique in their features and till date no other Indian company produces similar instruments.

The instruments and sensors have a tremendous market potential in India and all over the world.