

Polyaniline Based Gas Sensor For The Detection Of Toxic And Corrosive Gases In Environment

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ABSTRACT

It is very well known that the corrosive species rate rises due to increased human activity, industrialization etc, the natural processes that absorb and assimilate pollutants are eventually overwhelmed leading to rising concentrations. This happens all the time in the environment that surrounds us, the atmosphere and finally affects the surfaces. In the present study, development of polyaniline based thin film sensor for detection of toxic and corrosive gases is discussed.

Keywords : Polyaniline, Optical Absorption, Gas Sensors, Conducting Polymers.