

## **The Study of Gas Pollutants in Kodungaiyur using Fuzzy Model**

**K.Ponnivalavan<sup>1</sup>, T. Pathinathan<sup>2</sup>**

<sup>1,2</sup>Department of Mathematics, Loyola College, Chennai

E-mail: [Ponnivalavan1986@gmail.com](mailto:Ponnivalavan1986@gmail.com)

---

### **Abstract**

The Chennai's largest garbage dump is situated at Kodungaiyur. Burning and accumulation of garbage produce nineteen types of toxic chemicals. Inhalation of polluted gas causes respiratory problems, skin diseases and also affects central nervous system. This paper deals with the study of causes, health hazards and the remedy for Kodungaiyur project using Fuzzy Relational Maps (FRM).

---