**Hazardous Area Monitoring for Industrial Plant**

**Powered by IoT**

**Literature Survey – 4**

***Done By: KarthickRaja. S***

**Name:** Pervasive and Personalized Ambient Parameters Monitoring: A Wearable, Modular, and Configurable Watch.

**Authors:** MOSTAFA HAGHI 1, (Student Member, IEEE), REGINA STOLL2, AND KERSTIN THUROW1, (Member, IEEE)

**Ref. Link:** <https://ieeexplore.ieee.org/document/8636512>

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**Year:** 2019

**Summary:**

The prototype is based on the multi-layer ,multi sensor approach and capable of measuring a wind range of toxic/hazardous gases , physical ambient parameter and motion tracking. The proposed device operates in the stand alone(BLE disconnected) and configurable (BLE connected) modes.

**Merits:**

1. The multi -layer prototype will improve the accuracy.
2. Message has been successfully sent to the owner in case of emergency.

**De Merits:**

1. Using other hardware’s for recognition can’t be consistent
2. In case of emergency respective safety authorities must also be intimated.