**Hazardous Area Monitoring for Industrial Plant**

**Powered by IoT**

**Literature Survey – 3**

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**Name:** Visual Imaging of Invisible Hazardous Substances Using Bacterial Inspiration

**Authors:** John Oyekan, Member, IEEE, Dongbing Gu, Senior Member, IEEE, and Huosheng Hu

**Ref. Link:** <https://ieeexplore.ieee.org/document/6425508>

**Published In:** IEEE Conference

**Year:** 2020

**Summary:**

Such visual representation could show where the hazardous substance concentration is highest through the deployment of the higher density of the robotic agent to that area enabling humans to avoid such area.

**Merits:**

1. Using visual recognition will be more helpful.
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.