Team ID: PNT2022TMID49784

Objective:

The main objective of this project is to detect gas leakage. Gas leakage leads to various accidents resulting to both material loss and human injuries. The risk of explosions, firing, suffocation is based on their physical properties such as toxicity, flammability, etc. The number of deaths due to gas explosions has been increasing day by day. The reasons for such explosions are worn-out regulators, old valves and lack of awareness in handling gases. To prevent such type of accidents we are designing a system using sensors. The detection of a gas leakage by the sensor, a sound alarm and an alert message will be sent to the user.