INDIVIDUAL VEHICLE AIR POLLUTION DETECTION AND MONITORING USING IoT

ABSTRACT

Pollution is an ever-sustaining environmental issue is today's world. Automobile emission being the major contributor to pollution, this system can be considered as a control measure. This system focuses on developing a vehicular pollution monitoring system based on the internet of things(IoT). The amount of pollution emitted by the vehicles can be measured with the help of sensors interfaced to Arduino. If the sensed value goes beyond the threshold value set in the program then automatically an alert message as a warning will be sent to the vechile woner two or three times and if they are reluctant to correct it, the message will be forwarded to the authorities. These data are finally stored in a cloud for future analysis. The main objective is to devvelop an innovative and time-saving system, thereby proposing a solution for eenvironmental pollution

BLOCK DIAGRAM