

(54) Title of the invention : DESIGN OF IOT BASED AIR POLLUTION CONTROL USING WI-FI SENSOR DEVICE INTEGRATED TO CLOUD COMPUTING

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## (57) Abstract :

To address the public health issue involved with socio-economic goals, smart cities follow different methods. The impacts of air quality on health and quality of life in life are well identified. WHO says air quality impacts of air quality on health and quality of life are well recognized. The SCAPC device was designed to test aerosol, VOC, CO, CO<sub>2</sub>, and temperature-humidity initial concentration to monitor air pollution control. The system provides resources for further analysis of air quality the virtual server stores all data in the IoT - based healthcare cloud. The study cites Wi-Fi-Sensor Device Integrated (SDI), a centralized Smart Home Automation cloud computing platform.

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