AIR QUALITY MONITOR

INNOVATION IDEAS:

* WEARABLE AIR QUALITY MONITORS:

Develop small, stylish wearable devices that can continuously monitor the air quality around the wearer. These devices could sync with smartphones to provide real-time updates and suggest healthier routes for outdoor activities.

* AIR QUALITY DRONES:

Create drones equipped with air quality sensors that can fly over areas with poor air quality to collect data. This data could be used for mapping and analysis, aiding in identifying pollution sources and trends.

* AIR QUALITY ART INSTALLATIONS:

Incorporate air quality sensors into public art installations. These installations could change colour, emit sounds, or move in response to fluctuation in air quality, making air pollution more tangible to the public.

* AI-DRIVEN PREDICTIVE MODELS:

Combine air quality monitoring data with artificial intelligence to develop predictive models. These models could forecast air quality, helping residents plan outdoor activities and reduce exposure to pollutants.

* Community-driven monitoring networks:

Create a platform that allows individuals to build their own air quality monitoring stations using affordable sensor. This distributed network of sensor could provide valuable data for researchers and empower communities to take action.