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(54) Title of the invention : SYSTEMATIC APPROACH FOR MONITORING THE POLLUTION CONTROL IN SMART CITIES AND ADDRESSING THE SECURITY CHALLENGES INTEGRATED WITH IOT

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(57) Abstract :

The present invention relates systematic approach for monitoring the pollution control in smart cities and addressing the security challenges integrated with IoT. Smart cities are provided high quality services to its citizen like as smart health care services, high quality infrastructure, smart education services, affordable banking services, affordable and quality-oriented transportation system, better internet connectivity. Pollution is primary problem of smart cities which affect quality life of smart cities. Increasing air, water, land, sound, e-waste pollution hampers daily life of citizen of smart cities. Therefore, smart pollution monitoring and controlling system is required for sustainability of smart cities.

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(54) Title of the invention : ARTIFICIAL INTELLIGENCE AND DEEP LEARNING BASED TECHNIQUE FOR UNDERSTANDING THE VARIOUS THERMOELECTRIC MATERIALS

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(57) Abstract :

The present invention relates artificial intelligence and deep learning-based technique for understanding the various thermoelectric materials. The proposed system comprises of database, cloud storage, clustered thermoelectric material, comparative unit. The database which includes data regarding various thermoelectric materials. The artificial intelligence and deep learning unit will cluster the thermoelectric materials using the k-means clustering unit. The data is stored on cloud storage.

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