

IoT Based Food Monitoring System

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Abstract: Nitrogen, Oxygen, Trace gases and other various mixtures of gases comprises the Earth's atmosphere. Trace gas is usually in small portion and is a mixture of gases include carbon monoxide, methane, carbon dioxide, hydrogen, argon, neon etc. The concentration of these trace has have increased in recent past and have a adverse effect on human health. So, it is very important to determine these gases. Over the last few decades, sensors have developed its applications in several fields of technology. In this paper, IoT framework is provided for food monitoring system for protection of food due to surrounding conditions with array of low cost sensors. The proposed work analyzes temperature, humidity and gas emitted by food as these parameters affect nutritional value of the food items and analyzed results will be displayed on LCD and message will be sent to android phone (or any device which access internet) by using application.

Keywords: IoT, Sensors, Food Monitoring System

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