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(57) Abstract :
Artificial Intelligence and IoT based Automatic smart health care system to monitor and avoid Blood pressure and Lung cancer to avoid it early stages for healthy life for all ages using WSN, image processing and deep learning algorithms Abstract: Despite the fact that the old proverb "health is wealth" is accurate, many people struggle with their health care nowadays. A medical problem requires a diagnosis. IoT is essential to the process of disease diagnosis since it is used to monitor a wide variety of sensor devices. The internet of things will significantly influence the expansion of the clinical services sector. The Internet of Things (IoT) is gaining importance in today's healthcare system because to its adaptability and applicability in a number of clinical circumstances. Consequently, both patients and physicians profit. In the near future of the internet of things for healthcare, several devices will collect, analyse, and transmit real-time clinical data to public, private, or hybrid clouds. This will allow for the generation of context-based warnings and new methods for constructing, stacking, and analysing huge data streams. Several diseases have immediate effects on culture and contribute to public health problems. Chronic obstructive pulmonary disease (COPD) and pulmonary hypertension are the third and fourth leading causes of death worldwide, respectively. With almost 10.4 million new cases and 1.7 million fatalities annually, TB ranks tenth. A problem that has plagued medicine for a long time is identifying pulmonary structures in images. Recent studies have demonstrated that computerised technologies, such as Computerized Tomography (CT) and Internet of Things (IoT) approaches based on the health of things, considerably aid physicians in identifying lung problems. This paper presents a new approach for identifying and splitting CT images of the lungs based on AI and IoT. Combining the deep learning transfer learning method with Parzen's probability density accomplishes this.

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