

(54) Title of the invention : IOT BASED AUTOMATIC WEARABLE SENSORS FOR SMART HEALTHCARE MONITORING SYSTEM USING WSN, ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ALGORITHMS

(51) International classification :A61B0005000000, G16H0040670000, A61B0005010000,
A61B0005024000, A61B0005021000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
 IoT based Automatic wearable sensors for Smart Healthcare Monitoring System using WSN, Artificial Intelligence and Machine Learning Algorithms Abstract: Energy Autonomous Wearable Sensors are gaining popularity as a result of their capacity to give precise readings and constant bioelectric signals. These signals aid in the early detection and treatment of health issues, as well as the monitoring of a person's health to prevent illness and guarantee that their health is always optimal. This article presents an overview of the most current discoveries pertaining to the development of three essential EAWS components. The first component consists of sensors that can detect both electrical activity and other vital biological signals. This book's principal objectives are to explain the numerous transduction mechanisms covered and to illustrate how materials and manufacturing are advancing. The second component is a wearable and interchangeable energy storage unit. This device will provide power for the low-power electronics and software necessary for the automatic detection of unstable physiological signals. The third component is an energy harvesting module that can charge the sensors' batteries and maintain their functionality. Before energy-free wearable sensing devices can be made, this section discusses several technological obstacles and potential solutions.

No. of Pages : 9 No. of Claims : 7