(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2021

(21) Application No.202141026169 A
(43) Publication Date : 02/07/2021

(54) Title of the invention : ARTIFICIAL NEURAL NETWORK BASED EARLY DIAGNOSIS OF HEALTH DETERIORATION

(51) International classification	:A61B0005000000, A61B0005010000, G06Q0050220000, G16H0040670000, A61B0005024000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Rapid development of technology, leads to new possibilities embracing in various traditional business sectors specifically Artificial Intelligence along with smart devices plays significant role for the development of health care centre. The technology of Artificial Neural Network transforms the landscape of healthcare, thereby posing higher requirement of resource management in hospitals. This invention develops a smart system that can be deployed for early diagnosis of health deterioration, where vital signs are collected through methods such as Wi-Fi, LoRa etc. This collected data is uploaded through securely connected cloud platform for further processing by which feedback is provided to the users utilizing user interface in real time. This invention measures physiological parameters of In-hospital patients periodically by IoT eliminating the need of a health care professional by ubiquitous monitoring system utilizing sensors, gateways and cloud for analyzing and storage of data. This recorded data is communicated to physicians wirelessly such that physicians are able to access patient™s data from any location through any smart devices such as PC, smart phone or tablet thereby prescribing appropriate medication. Hence Artificial neural network provides Autonomous life care system with higher efficiency and lower cost.

No. of Pages : 11 No. of Claims : 6