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(57) Abstract :
Rapid development of technology, leads to new possibilities embracing in various traditional business sectors specifically Internet of Things (IoT) along with smart devices plays significant role for the development of health care centre. The technology of IoT transforms the landscape of healthcare, thereby posing higher requirement of resource management in hospitals. This invention develops an IoT system that can be deployed in hospitals for several applications which is able to support various data collection methods such as Wi-Fi, LoRa etc. This collected data is uploaded to the cloud platform through a secure connection 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 IoT provides Autonomous life care system with higher efficiency and lower cost.

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