IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 1, July 2022
Impact Factor 6.252

Smart Healthcare System

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Abstract: *Internet of Things (IoT) is one of the greatest advancements in technology especially in the medical field. The interconnection of medical devices with the internet makes it easier to identify problems and adapts with patient conditions. The sophisticated devices may either be worn or implanted in the users' bodies to continually examine their wellbeing. But due to the availability of several sensors and communication systems, standardization has become a key issue. This survey paper presents the state-of-art research relating to the various sensors and communication models that are used to provide home based monitoring. The small sensor nodes with IoT and its influence on every patient's life in reducing their anxiety of risk when they are inaccessible to medical support are studied. This study helps the researchers in choosing the best available protocols to implement in health-care devices. The contribution to the development of smart cities and data from home or at work for smart health care is discussed. The key findings of this study are the benefits of 5G technology for smart health care, as the most often utilized communication method in the literature to date is 4G. Also, the challenges faced in implementing the models in real time are discussed with the options of future scope mentioned.*

Keywords: Internet of Things.