Abstract

Wireless Body Area Network (WBAN) is a kind of wireless sensor network (WSN) which can be wearable or implantable in the human body. WBAN is an emerging technology in the field of healthcare system. WBAN has received great attention due to its applications in the field of health, medical, entertainment services and many more. The main idea behind WBAN technology is to deploy them in the medical system to replace wires with the help of sensor nodes implanted into the patient’s body or placed around the patient body. Not only it gives more comfort to the patient, but also patient can be treated remotely by the healthcare system staff. It is very helpful to the elderly people or people with any disability to provide medical facility at home or in any emergency condition. WBAN has been a vast area for researchers in recent years. In this paper, we have carried out survey of various existing approaches of WBAN and describe the future scope for further research in the field. The literature survey depicts that the existing schemes can be further modified to devise more reliable solutions for WBAN schemes.
References


Recent Research on Wireless Body Area Networks: A Survey


Index Terms

Computer Science Wireless
Keywords

Wireless Body Area Network, Sensor network, Healthcare, Existing Approaches