Impact of IoT (Internet of Things) on Today's Education System

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Abstract: *The Internet of Things (IoT) has been beneficial to education. It is equally applicable in the field of education as it is in other fields. Aside from traditional classroom technology-based teaching methods, internet technology-based teaching methods continue to supplant pencils, paper, and chalkboards as instructional approaches. It is expanding educational opportunities by replacing traditional teaching and learning techniques. IoT can improve things that contribute to a better educational environment. It provides security through the use of smart cameras, and climate control is accomplished through the use of smart air conditioning units. Smart lighting systems are large and effective at providing better, more energy-efficient lighting. IoT in the classroom means a more polite connection and a more collaborative future for education. IoT devices give students better access to everything from learning materials to communication channels. At the same time it give teachers the ability to measure student learning progress in real-time. As one education professional said of the IoT, "It is not about the technology; it's about sharing knowledge and information, communicating efficiently, building learning communities and creating a culture of professionalism in schools. These are the key responsibilities of all educational leaders."*

Keywords: IoT, Education System, Schools, Teaching and Learning Techniques

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