Application of Holographic Technology in Education
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Tiiustelmä

This research deals with holographic technology and its application as a tool to enhance learning and address perceived educational challenges. This research covers series of obscure strengths of holographic technology and discusses its applicability in education. Driven by the need to address some educational barriers, this work was conceived. The desire to rejuvenate and enhance learning process also motivated this work.

To fulfill the goal of this Thesis, some problems were identified and investigations carried out. First, the technical procedure and software requirement of implementing holographic technology is highlighted. Second, the advantages and beneficial application of holography in education are proposed. Third, this thesis identified educational barriers and suggests ways to address them using holographic technology.

Exploratory research methodology is applied in this work. This methodology is appropriate because it provides a basis for general findings through data collection. Exploratory research also allows researchers to develop ideas, assumptions or theories. Hence, investigations were carried out on holographic technology, perceived from a new direction and assessed in a new light. Secondary literature analysis was the technique used. The
Information technology in education, what's the role it plays in education sector development. Also how it changing the traditional approach to a modern way. Education too cannot be outside the purview of such influence as well. Communication is an important part of school as well and in this day and age, it has become easier for people in a school to get in touch with each other as and when it may be needed. School management software can help significantly as well as it comes with an internal messaging system that can be integrated with texting, e-mail, and such other external tools of communication. (a)

Advantages of technology in education: 1. Technology Unlocks Educational Boundaries: Technology supports Virtual or Online Learning. Unlike physical classrooms, online learning is flexible and students from different geographical locations can attend the same class with no need of traveling from those locations. Computers have word processing applications which students use to take notes in the classroom, these word processing applications have built-in dictionaries which help students auto-correct spelling errors and also correct their grammar in a sentence. Also students using English teaching software and mobile applications like BUSUU.

The results of this thesis are novel proposals on the use of holographic technology in different aspects of education. These include suggestions on the use of holography to enhance learning in various educational fields such as engineering, medicine, and archaeology. Holography as a tool to solve educational problems is also proposed in details.

Kokoelmat
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