

Educational Informatics: A Paradigm Shift for IT-enhanced Education

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This paper proposes a new realm of research field for ICT-enhanced learning, called educational informatics. While arguing the pros and cons of the current issues surrounding the ICT-enhanced education, it is proposed that there should be a need for a research field to measure and visualize the learning effectiveness in the scientific way. In order to achieve such goal, there should be an immediate need for achieving consensus on SOP for educational informatics.

Key Words: Constructivism, Educational Paradigm Shift, Educational Informatics, ICT, SNS, SOP.

Summary

This paper proposes a new realm of research field for ICT-enhanced learning, called educational informatics. While arguing the pros and cons of the current issues surrounding the ICT-enhanced education, it is proposed that there should be a need for a research field to measure and visualize the learning effectiveness in the scientific way. In order to achieve such goal, there should be an immediate need for achieving consensus on SOP for educational informatics.

Observing the current trend in the development of ICT surrounding education, there are fundamental concepts and the guideline for driving us into the future design for education. This paper will walk the reader through the process of thinking the educational trend critically and then propose an optimal Standard Operating Procedure (SOP) for the future design for education enhanced with ICT.

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