

THE PEDAGOGICAL USE OF ICT IN A SCHOOL OF ENGINEERING IN TERTIARY
EDUCATION
Η ΠΑΙΔΑΓΩΓΙΚΗ ΧΡΗΣΗ ΤΩΝ ΤΠΕ ΣΤΗ ΣΧΟΛΗ ΜΗΧΑΝΙΚΩΝ ΣΤΗΝ ΤΡΙΤΟΒΑΘΜΙΑ
ΕΚΠΑΙΔΕΥΣΗ

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Abstract

The intense development and introduction of new Information and Communication Technologies (ICT) in every field of modern life makes it necessary to introduce them to education. The introduction of new technologies into education raises the demand for a more general redistribution of the role of the teacher, the key element of which is the transition from its function as a provider of knowledge and, at the same time, the facilitator of the process of acquiring knowledge, application is directly related to how it is used. The integration of new ICTs and the identification of their pedagogical use in environmental education depends on the objectives and the teaching approach adopted by teachers in tertiary education.

This study aims at researching the new role developed by the teachers of the University of Patras in the use of information and communication technologies (ICT) in the educational act. Based on a quantitative study, this research attempts to identify their new role through the use of new technologies. The traditional form of teaching tends to disappear, and teachers now question their traditional role as the only source of knowledge. For most sample teachers, ICT is a research tool as well as an important pedagogical tool for interpreting basic concepts but also for promoting the learning environment. Their existence seems to change the role of teachers and the dynamics of the amphitheater. Better communication among all actors in education, as well as new educational practices and new emerging roles seem to make teachers feel more effective and positive in using ICT in day-to-day educational practice.

Keywords: ICT, educational teaching, tertiary education

Abstrakt

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