

Zuzana Palková, Tatiana Beláková,  
Gabriel Švejda,  
Slovak Republic

## **E-Learning and IT Instruments in the Traditional Forms of Education in the Context of Slovakian Universities**

### **Abstract**

Rapid technological development has taken place in the last years. Computers and other IT resources have become our everyday companions and they have found their use in the field of education as well. Besides other advantages, they make education more interesting and up-to-date. They allow easy update of the enormous amount of information that can be accessed directly. More importantly, IT has an important place in communication between teachers and students.

**Key words:** *e-Learning, IT, education, multimedia, LMS Moodle, the ESF project*

### **Introduction**

The infrastructure of IT in Slovakian universities makes it impossible to give up traditional ways of education. However, technology procedures and tools which are provided by eLearning and IT resources contribute to the increasing role of IT means in education. It is mostly the Internet and web technologies, which serve as a link between teachers and students while accessing information and knowledge. Furthermore, multimedia materials represent a new quality of audiovisual, instructional and didactic instruments. Such materials are very attractive for students as these act as an appealing and enriching visual aid. For example, they can be used during laboratory experiments instead of more expensive equipment. On the other hand, they are expensive to some extent and their preparation is time consuming.