POSSIBILITIES OF INTERACTIVE TABLES IN PRACTICAL TRAINING ON BIOPHYSICS

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D1.5 MULTIMEDIA SUPPORT OF PRESENT AND DISTANCE EDUCATION

Technology of interactive boards opens new possibilities for implementation of electronisatoin of education on all levels. They can be a significant help to satisfy increasing demands for study. However, use of their potential requires new approach to teaching, often called „engaged teaching". Using of interactive boards at universities is a new challenge. Teaching tools of boards are oriented to explain basic terms, what can be applied on lower education levels. Their usage by university pedagogic workers thus needs even higher requirements for preparation of self-made materials and lessons. On the other hand, university students are more ready for active participation on teaching process, what should be supported by the modern approach to teaching. This year we installed electronic boards on the Department of Medical Physics, Biophysics, Informatics and Telemedicine of MF CU in Bratislava. First experiences show that teachers often use them as a supplement to common teaching habits. Within frame of the project KEGA, solved in cooperation with FMPh CU in Bratislava and MF UPJŠ in Košice, we try to find a suitable way of implementation of new technologies in practical training. After getting familiar with advanced functions of the boards, we want to design and prepare presentations of chosen tasks using the boards. The use of commercial database is limited, so we have to create new tools. It can be, for example, guidelines for practical training or usage of equipment in form of video presentations, eventually with connection to the internet, or questions for quick examination using answering devices. Supported by the project KEGA 004UK-4/2011 and KEGA 3/5153/07, MŠVVaŠ SR.