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SMART EDUCATION AS A NEW APPROACH IN TRAINING

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SMART – ОСВІТА ЯК НОВИЙ ПІДХІД ДО НАДАННЯ ОСВІТНІХ ПОСЛУГ

Up until recently, the teacher has been the only source of knowledge for the student and both could get additional information only from books in the library or from the rare scientific and educational programs that were on. The IT and Internet have become the main source of knowledge for the students in modern society. It is characterized by the development of technology and communications; the things and devices around us make our life more comfortable, safe and interesting. Nowadays, the level of informatization of society has increased: information and information technologies have become more accessible. It increases the level of communication and leads to the creation of the global information and educational environment [1, p.35]

The "digital generation" consider the smart devices and gadgets using "advanced" technologies to be the essential elements of their lives. Here appears the problem: a

rapid growth in number of SMART devices and their use requires changes in the learning/teaching process.

SMART education nowadays is not only a new trend, it is the demand of time. Smart learning will increase the availability of education "anytime, anywhere, anytime." Its goal is to use of the results of the development of the electronic environment for education.

In education, the SMART technologies are regarded as the use of various gadgets (smartphones, tablets and other similar devices) to deliver knowledge to the students; as a tool for the formation of an integrated intelligent virtual learning environment. Smart Education is a concept that involves a comprehensive modernization of all educational processes, as well as the methods and technologies which are used in these processes, which allow you to rebuild the process of content development, delivery and updating. Smart education provides: online learning, informal learning, distance learning, mobile education. SMART education is an educational paradigm that assumes the adaptive implementation of the educational process, which is possible through the use of SMART technologies. [2].

Smart - training:

S - Self-directed (self-directed)

M - Motivated (motivates active cognitive activity)

A - Adaptive (adapted for the subject of education)

R - Resource Free (has educational resources free for access)

T - Technology Embedded (provided by technologies)

The widespread use of SMART training deals with the improvement of Internet technologies, with the development of wireless technologies (Wi-Fi, 3G, 4G) with the widespread use of interactive educational resources on the Internet. The development of Web 2.0 technologies, such as Facebook, YouTube, Twitter and blogs, which allow

people to create their own Internet content, also serves as the basis for the formation of Smart Education [3, p.78].

The prerequisites for the successful implementation of smart education have already been formed: information and software tools aimed at solving the problems of smart education have been created; cloud technologies have been developed and widespread; management of educational resources creating has been developed; the Internet has become widespread; computer illiteracy has been practically eliminated. A number of studies concerning the social technologies in education are being carried out: network social constructivism, noosourcing, crowdsourcing, outstaffing.

The advantages of the SMART education can be the following: mobility, technical abilities capacity-building, change of the educational paradigm, support of any educational services, application of individual approach to training [4]. Modern students can benefit from Smart-education: the educational process is easily controlled, the maximum variety of multimedia is used, personalization in the choice of the training course; creation of the virtual environment in order to ensure the highest possible level of education; competency model development in order to improve the level of students' knowledge and skills; adaptation of students to the world changes. The advantages for the teaching staff are also obvious: the creation of the unified information and educational environment; prompt feedback from students; the existence and development of new educational information technologies for improvement of professional skills of future specialists.

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