Chapter 11
Online Learning Methods for Effective Communication Between Teachers and Students

Tatyana Strelkova
Kharkiv National University of Radio Electronics, Ukraine

Vyacheslav Grebenyuk
Kharkiv National University of Radio Electronics, Ukraine

Yuliya Soroka
V. N. Karazin Kharkiv National University, Ukraine

Mariia Piataikina
Kharkiv National University of Radio Electronics, Ukraine

Olesia Tieliezhkina
O. M. Beketov National University of Urban Economy in Kharkiv, Ukraine

Kostiantyn Puholovok
Kharkiv National University of Radio Electronics, Ukraine

Viktor Kauk
Kharkiv National University of Radio Electronics, Ukraine

Dmytro Vodianytskyi
Kharkiv National University of Radio Electronics, Ukraine

Aleksandr Kalmykov
Kharkiv National University of Radio Electronics, Ukraine

ABSTRACT

The issues of organization and effectiveness assessment of the educational process in the distance learning system are discussed. The action research methodology is used for analysis of teaching and to assess the quality of communications between teachers and students in the process of online learning. The technical aspects of

using distance technologies based on the Moodle platform are considered. The advantages and disadvantage of distance learning are analyzed in the opinion of students and teachers. Recommendations for improving the quality of education in the context of blended and distance learning are presented.

INTRODUCTION

Methods of pedagogical communication in higher education are aimed at the development of effective intercommunications and interactions between students and teachers. Pedagogical communications are determined by the nature and content of joint activities, and the essence of the pedagogical process. In the learning process, teachers and students interact, and the result is mutual changes in their behavior and relationships. The main functions of pedagogical communication can be called: organizational, informational, control-evaluative and emotional-corrective.

For the correct organization of the process of pedagogical communications, it is necessary to determine the goals, nature and content of joint activities, means, structure, form and model of communication. The pedagogical process can be represented in the form of specially organized interaction of teachers and students about the content of education, the choice of means and the achievement of educational goals. The general scheme of the pedagogical process can be presented: the purpose of education (why to teach); content of education (what to teach); educational methods (how to teach); means of pedagogical communication; cyclical actions of teachers and students aimed at learning outcomes (figure 1).

After analyzing various forms of pedagogical communication, one can distinguish their both positive - passion for creative activity, friendly disposition, and negative aspects - distancing, outdated teaching methods that make it difficult to achieve goals and learning outcomes.

During the global quarantine due to COVID-19, universities are actively involved in the implementation of distance technologies in various forms of education. The changed teaching conditions, the transition to distance education (can be defined as one of the forms of distancing), required additional analysis of methods of pedagogical communication, analysis of the selected communication technology and modeling of a new communication technology to increase the effectiveness of distance learning.

The transition to distance (digital) education has led to a significant decrease in the role of the teacher in the educational process with a sharp increase in the importance of self-study using digital technologies. At the same time, the digital educational environment, the system of online courses and other educational resources are presented as independent teaching tools that ensure the high efficiency of the

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