

ORGANIZATION OF INDEPENDENT EDUCATION THROUGH MODERN INFORMATION TECHNOLOGIES IN PHYSICS IN DISTANCE EDUCATION

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ABSTRACT

In the context of Distance Education, a professor and a student are an opportunity to study independently in a virtual environment, as they are separated by distance or time in mutual thinking and reasoning. In the organization of independent study of students in the conditions of distance education, communication through modern didactic methods of teaching (video lecture, visual practical training, virtual laboratory), and not through question and answer in the virtual environment of teaching through an online platform, causes positive results. As in all aspects of our life, the radical reform of higher education, new approaches have been established in the educational system, in which it is important to bring modern information technologies into the educational process, solve the problems of computerization of Education. Currently, the emphasis on the main form of educational work in higher educational institutions is increasing-the effective organization of the teaching process and the impartial assessment of the level of knowledge of students. In a period when socio-economic and scientific and technical changes are taking place, it is necessary to make positive changes, innovations in the system of the educational process. The development of Science and technology, the introduction of new pedagogical and information technologies into the educational process requires improving the forms and methods of teaching subjects in accordance with its content, improving their effectiveness, controlling the process of Mastering by students and organizing the processes of assessing the knowledge acquired by them using computer technology.

Keywords: Distance learning, independent reading, video lecture, visual practical training, virtual laboratory, computer technology, platform, resource, Online.