

## INNOVATIVE PEDAGOGICAL ACTIVITY OF THE FUTURE IT TEACHER

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### ABSTRACT

This article is devoted to the problem of forming the ability of the future informatics teacher to use it from a conscious and critical point of view in the innovative pedagogical professional activity.

**Keywords :** Interactive methods, students, network technologies, innovative activity of the teacher, creative activity.

is the labor activity of persons specially prepared for this work, who are responsible for the people, the state, and are engaged in the work of educating children in order to prepare the young generation for life and work . The interest and attention to the use of interactive methods, innovative technologies, pedagogical and information technologies in the educational process is growing day by day, one of the reasons for this is that until now traditional education if students are taught only to acquire ready-made knowledge, modern technologies teach them to search for the acquired knowledge by themselves, to study and analyze independently, and even to draw their own conclusions. The pedagogue creates conditions for the development, formation, education and upbringing of the individual in this process, and at the same time performs the function of management and guidance. In the educational process, the student becomes the main figure.

Therefore, modern teaching methods - interactive methods, innovative technologies have a great role in the training of qualified professionals in higher educational institutions. Knowledge, experience, and interactive methods of pedagogical technology and pedagogical skills ensure that students acquire knowledgeable, mature skills.

are innovations and changes in the pedagogical process and teacher 's and student's activities, and mainly interactive methods are fully used in its implementation.

Interactive methods are considered to be collective thinking, that is, methods of pedagogical influence, which are part of the educational content. The uniqueness of these methods is that they are implemented only through the joint activity of pedagogues and students.

Such a process of pedagogical cooperation has its own characteristics, which include:

forcing the student to think independently, create and search, not to be indifferent during the lesson ;

- ensuring that students have a constant interest in knowledge during the educational process;
- to strengthen the student's interest in knowledge independently with a creative approach to each issue;
- the organization of the pedagogue's and the student's always cooperative activities.

Innovativeness, representing the pedagogical process, refers not only to its didactic device, but also to the social, substantive results and mental image of the pedagogue.

depends on a number of conditions . It includes the pedagogue's appropriate communication, his attitude towards opposing opinions, his readiness to express the recognition of a rational

situation in various situations. As a result, the pedagogue will have a comprehensive topic (motive) that will ensure his knowledge and scientific activity.

self-activation, creativity, self-knowledge and creativity gain importance in the work of a pedagogue, which allows to form the activity of creativity of a pedagogue.

The innovative activity of the pedagogue includes the analysis and assessment of innovation, the formation of the purpose and concept of future actions. This includes the implementation and analysis of the plan and the evaluation of the effectiveness.

teacher's innovative activity requires the use of certain standards that determine the effectiveness of innovation. Such standards include innovation, optimality, high efficiency, innovative creative application in public experiments. Innovation, as a pedagogical innovation standard, reflects the essence of the proposed innovation, the level of innovation. Pedagogical scientists distinguish absolute, limited absolute, conditional, subjective levels, which differ according to the level and field of popularity of the use of innovation. In this case, the innovative activity of the teacher includes the analysis and evaluation of the innovation, the formation of the purpose and concept of future actions, the implementation and analysis of this plan, and the assessment of efficiency, in which the effect of the innovative activity is determined by the personality of the pedagogue.

It should be noted that the organization of pedagogical activity based on technological rejuvenation has an individual and creative character. Therefore, the use of new pedagogical technologies in the process of education and upbringing depends on the level of personal capabilities, professional skills and creativity of each pedagogue. Distinguishing the importance of "Informatics and digital", "Computer support" and "Network technologies" subjects, which are taught in general schools, academic lyceums and vocational colleges of the future computer science teacher of the growing generation, and their content it is necessary to understand the principles, as well as their relationship with other disciplines.

Teaching computer science has the following goals:

- equipping future teachers with knowledge, skills and qualifications for creative teaching of informatics and the use of new pedagogical and information technologies in their practical activities;

- preparing future teachers to organize and conduct various forms of classroom and extracurricular work in the field of informatics;

to develop and deepen future teachers' imaginations about the ways and great prospects of informatization in the field of education.

An important condition for innovation is to create a new situation of communication. The new situation of communication is the pedagogue's ability to create a new position of independence, pedagogical science, and himself. In such situations, the teacher perfects through rich forms of pedagogical experiences. The teacher's ways of thinking, intellectual culture change, and emotional feelings develop.

the teacher's ability to innovate:

use of creative motivation. This is curiosity, creative interest, creative achievements, striving for leadership and self-improvement;

- creativity, this is an imaginative vision; ability to evaluate and strive for self-improvement;

- assessment of professional activity, which is the ability to master the methodology of creative activity and pedagogical research methods; authorship concept and creative conflict resolution skills; the ability to cooperate and support each other in creative activities ;

- the individual ability of the teacher, i.e. the pace of creative activity and work ability; perseverance, responsibility and honesty, self-control;

The next condition is the pedagogue's readiness for culture and communication.

between a teacher and a student is one of the conditions for innovative activity.

Innovative activity is explained by the following main functions:

- conscious analysis of professional activity,

- a critical approach to norms,

- readiness for professional news,

- realizing one's potential, embodying one's lifestyle and aspirations in one's professional activity.

for pedagogical innovative activity is measured by the following:

requires a fundamental renewal of the educational system, methodology and technology of the educational process, it consists of the creation, assimilation and use of new innovations;

2. Humanization of educational content requires constant search for new critical forms and technologies of teaching;

3. Character and change of the teacher in relation to mastering the pedagogical innovation and its implementation.

The analysis of the innovative activity of the teacher requires the use of certain conditions that determine the effectiveness of innovation. Such criteria include - novelty - acceptability, high efficiency, possibilities of creative application of innovation in public experiments.

, guarantees the level of fulfillment of the social order for the training of a competent person and a qualified specialist and a high quality indicator. The provision of competitive specialists in higher education institutions is a proof of the effectiveness and success of pedagogical activity organized in the continuous education system.

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