# ScholarZest

## **European Scholar Journal (ESJ)**

Available Online at: https://www.scholarzest.com

Vol. 2 No. 4, April 2021,

ISSN: 2660-5562

# TECHNOLOGY FOR IMPROVING THE INNOVATIVE MECHANISMS OF FORMATION OF A CREATIVE TEACHER

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Article history:		Abstract:
Received:	17 <sup>th</sup> March 2021	Technological progress is one of the most important components capable of
Accepted:	3 <sup>th</sup> April 2021	tracking social processes today. Improving the technology of pedagogical
Published:	16 <sup>th</sup> April 2021	education is a prerequisite for the formation of the cultural level of society and its economic power. Teaching technology ensures the functioning of education, ensures the application of knowledge in the labor process, normalizes the consciousness of the teacher. affects the path. The article discusses the technologies of forming a teacher's creative personality and leading it in an innovative way.

**Keywords:** Teacher, factors, innovation, creativity, will, specialization, technology, pedagogue, science, educational activity, method, professional didactic training, teaching technology, teaching theory, teaching techniques

Vocational training technology creates an individual's discipline, will, and interest in a profession. Educational technologies aimed at satisfying all-round demand for specialists focus on the implementation of psychological and pedagogical conditions that are rapidly adapted to the interaction of teacher and student.

The technological principle of professional training is the goals, content functions, teaching methods aimed at the future profession. Based on this, pedagogical technologies will be developed.

Different approaches to the definition of pedagogical technology show that, in fact, teaching technology is located between science and industry, as well as the educational process. It is an independent field of knowledge in the system of professional didactic training, which is closely linked with the theory and practice of didactics of teaching. It covers the design and construction of learning activities.

Teaching technology includes both theoretical and practical knowledge of specific methods of managing the learning process, as well as promising management and teaching activities. Their sequence is determined according to the conditions of the training process. teaching technology, teaching theory, teaching techniques. They are pedagogical areas of learning management that are implemented at a generalized level.

Pedagogical technology is a process aspect of educational prospects.

The definition of teaching technology is the normative management of the learning process that ensures the effectiveness of education and improvement in the field of professional activity.

The scientific literature focuses on three aspects of pedagogical technology:

- from the scientific point of view, the purpose, content and methods of teaching are scientifically based, the pedagogical process is designed.
- an algorithmic process is developed based on the participation of the purpose, content, methods and tools to achieve the planned learning outcomes in a descriptive aspect.
- in the practical aspect, the process of pedagogical technology is carried out.

There are three levels of pedagogical technology in relation to educational practice:

- general pedagogical technology represents an integrated educational process.
- special methodical technology consists of methods and means of realization of educational process in one discipline.
- local or modular technology refers to the application of technology to specific sections of the educational process. This technology is aimed at solving specific didactic and educational tasks.

In pedagogy, along with teaching technology, there is also educational technology. While educational technology refers to the content-information aspect, teaching technology is considered to be process-related, meaning that no clear differences have yet been identified between them.

Technology should be adapted to the level of preparation of students, their familiarity with information and practical training.

In the system of vocational education, teaching technologies reflect the acquisition of fundamental and practical knowledge, the reflectivity of actions and shape their professional activities.

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Pedagogical technology is determined by the activities of teachers and students. The structure of pedagogical technology is determined by these types of activities: the conceptual framework, the content of the educational process, the technological process.

Each pedagogical technology is based on a specific scientific concept. The scientific concept of pedagogical technology covers the philosophical, psychological, socio-pedagogical and didactic bases of achieving educational goals.

The content of the educational process consists of the general and specific goals of the educational process, the content of the educational material.

The technological process includes the organization of the educational process, teacher activities, student activities, methods of managing the educational process, the diagnosis of the educational process. Researchers define the criteria that satisfy any pedagogical technology:

- consistency as a criterion of pedagogical technology includes the logic of the process, the interconnectedness, the integrity of all parts of pedagogical technology.
- One of the criteria of pedagogical technology is management. It consists of diagnosing the learning process, designing its planning and implementation, and modifying it with teaching methods and tools.
- the criterion of effectiveness of pedagogical technology implies high results obtained in concrete conditions of educational process.
- rehabilitation is one of the criteria of pedagogical technology. It understands the possibility of using pedagogical technologies in other educational institutions.

Thus, the professional training of specialists in higher and secondary special schools is a complex and constantly evolving system. In this system, the technological training of the future teacher has a special place. It is the intellectual development of the future pedagogue, active reading, the development of a creative personality, the perception of the professional orientation of thinking, the implementation of research (scientific) principles in the organization of educational activities. associated with. The technological training of future teachers requires the implementation of pedagogical technologies in higher education.

The most widely used pedagogical technologies in the educational process of higher and secondary special educational institutions:

- problem-based learning;
- game technology;
- technologies that develop critical thinking;
- differentiated and individualized teaching technology;
- programmed learning technology;
- computer information technology.

Innovative activity of a high school teacher is one of the main problems of high school pedagogy.

In this regard, this chapter discusses the concept of the formation of innovative activity of a high school teacher, the socio-cultural and life aspects of innovation.

A.I. Prigogine refers to innovation as a purposeful change that introduces new, relatively stable elements into a particular social unit - organization, population, society, group. This is an innovative activity.Researchers (A.I. Prigogin, B.V. Sazonov, V.S. Tolstoy, A.G. Kruglikov, A.S

The first approach highlights a new idea that has been put into practice.

In the second approach, the interaction of the innovations introduced separately, their unity, competition, and consequently the replacement of one by the other.

- Scientists distinguish the concept of periodicity of life in the analysis of the microstructure of the innovation process.
- This concept stems from the fact that innovation is a measurable process.
- The scheme of the innovation process is given in the pedagogical literature. It covers the following stages:
- 1. The stage of birth of a new idea or the concept of novelty, also called the stage of discovery.
- 2. Invention, that is, the stage of creating something new.
- 3. The stage of practical application of the created innovation.
- 4. Dissemination of innovation, the stage of its widespread implementation.
- 5. The dominant stage of innovation in a particular field. At this stage, the novelty loses its novelty, and an effective alternative emerges.

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