ISSN NO: 2770-2367
Date of Publication: 13-12-2022

Theoretical Principles of Improving the Innovative Learning Environment in Teachers of Technology

Akhmadjonova Khusnida Hotamkul kizi
Independent researcher of the Ferghana State University

Abstract: In this article, the improvement of the innovative educational environment for technology teachers, the activation of the knowledge, skills and qualifications of teachers, technological competence, the formation of the technological potential of students, the use of modern pedagogical technologies in the educational process based on the competence approach implementation, use of information and communication technologies in the course of the lesson, raising the level of knowledge and potential of students through the development of the teacher's pedagogical competence.

Key words and phrases: innovative approach, innovation, innovative thinking, innovative activity, innovative market, pedagogical innovation, technological competence, perspectives of technological preparation.

In order to form students' technological competence based on an innovative approach, the teacher should, first of all, have an understanding of pedagogical innovations. Pedagogical innovation processes have been specially studied by scientists since the end of the 50s of the last century in Western countries, and in the last 10 years in independent Uzbekistan. In recent years, scientists of our country have been conducting scientific research on innovation, innovative thinking, innovative activity, innovative market, and pedagogical innovations.

The field of education is one of the main areas that determine human existence. In the modern system of education, one of the main requirements of the society is to raise and form a person who is well-developed, able to find non-standard solutions in complex situations, think creatively and receive continuous education throughout his life. This requires the formation of students' technological competence based on an innovative approach.

The main goal of teaching technology in general secondary education is to develop technical-technological and operational knowledge, skills, skills, to choose a profession, and to form the competencies of students to enter into social relations based on national and universal values.

In modern science, the term "technology" is used in the following units: teaching technology, educational process technology, training technology, management technology, multimedia technology.

It is clear from the analysis that there are active and significant changes in approaches to the concept of "technology" from defining the processes of its development and material production to the definition of wide-ranging transformation activities for the provision of human needs. In this case, technology is understood in a broad sense not only as a human activity related to material production, but also as an activity of transformation in general.

An innovative approach to teaching technology in an educational institution is a sum of innovations introduced by an educational institution into the educational process. In this environment, the pedagogical activity of the teacher and the educational process (formation of technological competences in students) can be successfully implemented. In understanding the innovative approach in this sense, the pedagogical conditions created for technological education are an important condition of the teacher's activity.

The main goal and content of the formation of technological competences in students based on an innovative approach is to prepare schoolchildren for creative work and ensure its harmonious development in all aspects. Implementation of goals and content of formation of

ISSN NO: 2770-2367
Date of Publication: 13-12-2022

technological competences in schoolchildren requires ensuring continuity and integrity of technological education.

The study of the main ideas related to technology, in particular, the main concepts, shows that in the pedagogy of our country, natural-scientific, structural, functional approaches to the technological preparation of students are considered, most seriously, from the aspect of production activities.

The researchers paid great attention to determining the conditions for the transition of schoolchildren to a new, practically oriented teaching system. The collective efforts of a wide range of specialists were focused on determining ways to provide methodological, personnel and information support for the new field of education.

Taking into account the young period of personality development, the following tasks are solved in the formation of technological competences in schoolchildren:

- formation of technological knowledge, skills and competencies, functional literacy in the use of labor objects and tools in students;
- expanding the range of ideas and strengthening the knowledge and skills acquired in studying the basics of science in technological activities;
- to educate students in an active life position, readiness for competitiveness, ability to actively enter the system of market relations;
- development of creative abilities, design activities, mastering the basics of entrepreneurship; formation and identification of important professional qualities;
- introduction to the labor market, professional self-determination and socio-professional career planning;
- in-depth mastering of methods of activity and labor tools in the chosen field of professional activity.

In modern pedagogical practice, the analysis of the tasks of forming technological competences among schoolchildren shows that the traditions of labor (technology) education and priority orientation to the field of material production have been preserved. This defines the scope of goals of practical oriented education, which is technological in form, but polytechnic in essence.

Prospects of technological training in the general secondary education system, its importance and place in the educational process are determined by the tasks of development of students in accordance with the needs of broad social and professional formation. The modern stage of formation of technological competences among schoolchildren makes it possible to form practically oriented educational bases in the structure of various spheres of social labor activity with advanced theory and practice.

As a result of the socio-economic changes taking place in the country, the labor market was created, which, in turn, undoubtedly led to the education market. The market model of education sets the task of adapting to the conditions of the individual, the needs of production, the national directions based on new legal and values. The transition to the educational services system determines the need to satisfy the educational needs of the customer, taking into account the interests and capabilities of the customer.

The main task of forming technological competences is to prepare students for practical activities, to optimize the interaction of education and practice with real presence, to ensure social and professional self-determination and adaptation of schoolchildren.

The subject "Technology" occupies an important place in the general secondary education system and is a necessary component of the formation and training of students' technological competences and provides them with the opportunity to apply their technological knowledge in practice. Formation of technological competences in students in the teaching of the subject "Technology" based on an innovative approach required solving both pedagogical and management issues.

Practical education is an integral part of the continuing education system. In the school, this role is played by the organizers of the science of technology. Therefore, the science of technology is understood as the basis of the system of formation of technological competences among schoolchildren.

ISSN NO: 2770-2367
Date of Publication: 13-12-2022

First, it should show the role and place of school academic subjects in the structure of professions and integrate academic subjects as actual knowledge necessary for practical activities;

Secondly, the formation of a certain level of functional and technological literacy and skills in schoolchildren;

Thirdly, it helps to implement the diagnostic functions of personality development;

Fourthly, it is necessary to create a foundation for the formation of a qualified specialist.

References:

1. Parpieva O.R, Hojikarimova G.T, Nazirova A.M //FORMATION OF STUDENT PEDAGOGICAL SKILLS BASED ON THE REQUIREMENTS OF INNOVATIVE EDUCATIONAL ENVIRONMENT// Международном научно-практическом журнале “Экономика и социум”. Вып №6(85) 2021. 157-161стр.
2. Odinaxon Raxmanovna Parpiyeva, Oripova Nodirahon Qodirjon qizi, Nazirova Arofatxon Maxmudjon qizi //Basics of a healthy lifestyle in the educational process// Journal of Pedagogical Inventions and Practices. Vol. 9. 06-2022. 89-94 page.
3. Odinaxon Raxmanovna Parpiyeva, A.Ruzimatova //CREDIT-MODULE SYSTEM OF EDUCATION// O‘ZBEKISTONDA FANLARARO INNOVATSIYALAR VA ILMIY TADQIQOTLAR JURNALI. 20.08.2022 yil. 10-SON. 83-87 бетлар
4. Razzokov Bakhtiyor Khabibullaevich, Yokubjonova Mukaddaskhon Khusanboy kizi //Future Technological Education Developing Professional Skills for Teachers//. Texas Journal of Multidisciplinary Studies, 7-2022, 178-180 page.
5. M.M.Ahmedov, Z. Teshaboev, G.Xojikarimova. /Ta’lim tizimida islohatlar.// Международный научный журнал “Graalь nauki” № 4 (Travenь, 9 aprelь 2021) Venetsiya, Italiya S.475-477
6. М.М.Ахмедов, И.И.Каримов, С.М.Рўзиматова //ДАРС ЖАРАЁНИДА ИННОВАЦИОН ЁНДАШУВ МУНОСАБАТЛАРИНИ АМАЛАГА ОШИРИШ ОМИЛЛАРИ// O‘ZBEKISTONDA FANLARARO INNOVATSIYALAR VA ILMIY TADQIQOTLAR JURNALI. 12-SON. 19.10.2022. 56-60
7. M.M.Axmedov, Bo’tayeva Gulmira Boxodirjonovna //TEXNOLOGIYA FANIDA TEXNOLOGIK JARAYONLARNI TASHKIL ETISH VA BOSHQARISH// O‘ZBEKISTONDA FANLARARO INNOVATSIYALAR VA ILMIY TADQIQOTLAR JURNALI. 12-SON. 19.10.2022. 745-750
8. Axmedov M.M., Xojikarimova G.T., Safarova G.M. //Fundamentals Of
1. Development Of Creative Abilities Of Students In Professional Trainin//The american journal of applied scinces SJIF-5.634 DOI-10.37547/tajas.Vol. 3 Issue 01, 2021.
2. 6. Odinaxon Raxmanovna Parpiyeva, Ro„zimatova Arofatxon Maxmudjon qizi //TA‘LIM OLUVCHILARNI FANLARNI O„ZLASHTIRISHGA QIZIQTIRISH USULLARI// IJODKOR O‘QITUVCHI JURNALI. 5 OKTYABR / 2022 YIL / 22 – SON. 226-230 betlar
3. 7. Axmedov M.M., Xojikarimova G.T., Safarova G.M. //The Concept Of "Creative", Its Importance In Education// International Journal of Academic Pedagogical Research (IJAPR) s. 116-117.
9. Tursunboy Axmedov, Siddikova Ranoxon Abdulxay qizi, Xusanova Lobarxon Murodovna //Basics of Wood Materials and Woodworking Technology// Texas Journal of Engineering and Technology. https://zienjournals.com. VOL. 9, JUNE, 2022. 100-102 page.
10. Odinaxon Raxmanovna Parpiyeva, Melikuzieva Zulhumor Sherqozi qizi, Abdullaeva Umidahon Uktamjon qizi //INNOVATIVE EDUCATIONAL TECHNOLOGIES, THEIR NATURE, TYPES AND THEORETICAL FUNDAMENTALS// Texas Journal of Multidisciplinary Studies. Vol. 9. 06-2022. 123-126 page.
11. Odinaxon Raxmanovna Parpiyeva, Odinaxon Odilovna Djalalidinova // Tibbiy ta’limda interfaol usullardan foydalanish// Международный научный журнал «Новости образования: исследование в XXI веке» № 3 (100), часть 1. сентябрь, 2022 г 565-569.

ISSN NO: 2770-2367
Date of Publication: 13-12-2022

12. Eleonora Topvoldievna Mirzajonova, Odinaxon Raxmanovna Parpiyeva // Modern Special Preschool Education: Problems and Solutions// Journal of Pedagogical Inventions and Practices. Vol. 9. 06-2022. 100-106 page.
13. Xalimaxon G'anieva, Tojimamatov Jamshidbek //CHARACTER ACTENTATION IN ADOLESCENTS// International Journal for Innovative Engineering and Management Research Volume 10, Issue 04, Pages: 153-157.
14. H.Ganieva //SOCIAL AND PSYCHOLOGICAL MECHANISMS OF SELF-CONSCIOUSNESS OF STUDENTS// EURASIAN JOURNAL OF ACADEMIC RESEARCH Vol. 2 No. 4 (2021) 190-193 page
15. Ғаниева Халимахон Ахматхоновна //IThe Study Of Socio-Psychological Problem Of Loneliness// Turkish Journal of Computer and Mathematics education Vol.12 No.12 (2021), 2580-2590
16. Sh.M.Tairov “Hayot faoliyati xavfsizligi sohasida bo'lajak o'qituvchilarni kasbiy tayyorlashning nazariy jihatlari”. “ IJODKOR O‘QITUVCHI JURNALI” 5 IYUN / 2022 YIL / 19 – SON.
17. Tairov Sherzod Mirzadjanivich //Moslashuv (adaptatsiya) davridagi organizm funksiyalarining dinamikasi va uning bosqichlari// Международный научный журнал «Новости образования: исследование в XXI веке» № 3 (100), часть 1. сентябрь, 2022 г. 475-478 стр.
18. Abdukadirova L. Y., Mirzajonova E. T. The importance of reading competencies in the context of the “industry 4.0” industrial revolution //Academicia: An International Multidisciplinary Research Journal. – 2021. – Т. 11. – №. 1. – С. 205-210.
19. Abdukadirova L. Y. Basic scientific and theoretical approaches on learning coping behavior of students who are in difficult life situations //International Journal of Psychosocial Rehabilitation. – 2020. – Т. 24. – №. S1. – С. 543-550.
20. Абдукадирова Л. Ю. АКТУАЛЬНЫЕ ВОПРОСЫ СОЦИАЛЬНОЙ И ПСИХОЛОГИЧЕСКОЙ ПОДДЕРЖКИ СЕМЕЙНЫХ СТУДЕНТОК В ВУЗАХ УЗБЕКИСТАНА //ИННОВАЦИИ В ПЕДАГОГИКЕ И ПСИХОЛОГИИ. – 2021. – Т. 4. – №. 6.
21. Laura A. THE MAIN APPROACHES TO THE STUDY OF THE DIFFICULT LIFE SITUATION IN SOCIO-PSYCHOLOGICAL RESEARCH //European Journal of Research and Reflection in Educational Sciences Vol. – 2019. – Т. 7. – №. 12.
22. G‘aniyeva Xalimaxon Axmatxonovna //PSYCHOLOGICAL FUNDAMENTALS OF THE SOCIAL ENVIRONMENT IN PERSONAL DEVELOPMENT// EURASIAN JOURNAL OF ACADEMIC RESEARCH Volume1 Issue02, May 2021. 717-724 page
23. Ganieva Khalimakhon Akhmatkhonovna //PEDAGOGICAL AND PSYCHOLOGICAL CHARACTERISTICS OF GENIOLOGY ASSIGNMENT IN YOUNG PEOPLE// GALAXY INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL (GIIRJ) Vol. 9, Issue 12, Dec.(2021) 335-337 page
24. Ganieva Khalimakhon Akhmatkhonovna, Tojimamatov Jamshid //PEDAGOGICAL AND PSYCHOLOGICAL FACTORS OF SUICIDAL BEHAVIOR OF MINORS// GALAXY INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL (GIIRJ) Vol. 9, Issue 12, Dec.(2021) 1053-1058 page