ADVANTAGES OF ADAPTATION OF SELF-DEVELOPMENT THEORY TO IDEAS AND TECHNOLOGIES IN THE EDUCATIONAL PROCESS

Shokirova Dilnoza, Daughter of Olimjon
Independent Researcher, Shahrisabz Branch of Tashkent Institute of Chemical Technology

Annotation

This thesis reveals the theoretical aspects of self-development and improvement of current educators in order to use innovative ideas and technologies in organizing the modern educational process, and in this way, a comprehensive discussion is given on the methods and ways to improve students' knowledge and bring education to a new level. It also highlights the theoretical basis for improving traditional teaching methods using modern methods in the educational process, and combining traditional teaching methods with new modernization methods.

Keywords: Pedagogy, knowledge, skills, improvement, technology, methods, competitive, internet, modernization, education, visualization.

Introduction

Since the professional activity of an engineer who introduces innovations or has an innovative idea is unique, he is an example for others in conducting natural research, analyzing them, and implementing them. The formation of an engineer with this innovative idea relies on the advanced pedagogical experience of individual educators.

It is known that at the current stage of educational development, effective management and organization of all spheres is a process dependent on human consciousness and creativity. It can be seen that this task, along with providing students with knowledge, is to develop their creative and intellectual activity. These areas are being improved through the extensive use of advanced pedagogical experiences accumulated over the years in the general secondary education system of our country and modern innovative teaching methods. One of the main issues that cannot be ignored in the educational process is that textbooks and curricula are designed based on the capabilities of secondary school students. In this case, students with poor learning cannot master the content of the educational material, while students who have mastered it well quickly master it and are left with nothing for the rest of the time. If the teacher correctly identifies the strengths and weaknesses of students and provides appropriate methodological support, all students will have the opportunity to study well. It is clear from this that the more a teacher reads, the more he thinks about each lesson and compares it with the student's behavior, and while observing the student's thinking, he teaches them to learn more. Also, the more questions and answers there are in the educational process, the easier it is for the student to master the subject matter [4].

In order to improve the level of knowledge of students, it is effective to thoroughly check their knowledge on the previous topic, develop their creative abilities, and use new technological elements of education in each lesson based on modern requirements. In this regard, five main levels of educational technology can be noted at present:
-education;
-algorithmic;
-heuristic;
-creativity;
-innovative.
Currently, the modern educational process requires a teacher to be forward-thinking, active and versatile. Various measures are being taken in our country to join the ranks of the world's leading countries in the field of education. This requires mature, competent and competitive, qualified specialists. To become a qualified teacher, a knowledgeable specialist, one must constantly work on oneself, improve one's skills, thoroughly master modern knowledge and skillfully apply it in the teaching process[6].

- Conclusion and recommendations (Conclusion/Recommendations). In conclusion, we believe it is appropriate to note the following aspects of the professional activity of a teacher:
firstly, to study and use new pedagogical technologies and teaching methods;
secondly - to participate in colleagues' classes, to exchange experiences;
thirdly - to systematically analyze one's own pedagogical creativity;
fourth - constantly improving knowledge in the modern psychological and pedagogical field;
Fifth, to increase awareness of the latest developments in the field of education in our country, including politics, culture, and economics, etc.

References:

1. Muslimov N.A., Usmonboeva M.H., Sayfurov D.M., To‘raev A.B. Innovatsion ta’lim texnologiyalari/ Darslik – T.: “Sano standart” nashriyoti, 2015.
2. Ro‘zieva D., Usmonboeva M., Holiqova Z. Interfaol metodlar: mohiyati va qo‘llanilishi / Metedik qo‘llanma. – T.: Nizomiy nomli DTPU, 2013. – 115 b.
3. Турдиев, Ш. Р. (2019). ТАЪЛИМ ЖАРАЁНИНИ ТИЗИМЛИ ЁНДАШУВ АСОСИДА ПЕДАГОГИК ТЕХНОЛОГИЯЛАРДАН ФОЙДАЛАНГАН ҲОЛДА ТАШКИЛ ЭТИШ. Современное образование (Узбекистан), (12 (85)), 31-36.
4. Shadiev R. D., Turdiyev S. H. Basic didactic principles of building an integrated system of training to innovation engineering //Знание. – 2016. – №. 4-4. – С. 87-89.
5. Турдиев Ш. Р., Келдиёрова М. Г. Личные и профессиональные особенности учителя //Проблемы современной науки и образования. – 2020. – №. 6-1 (151). – С. 67-72.

6. Турдиев, Ш. Р. "STEAM ФАНЛАР ТАЪЛИМИ ВА ИНТЕГРАЦИЯСИНИ ЮЗАГА КЕЛИШИ МОДЕЛИ." Academic research in educational sciences 3.4 (2022): 571-575.
7. Turdiev, Shokhrukh R. "Forming Innovative Abilities of Students in Engineering and Research." Eastern European Scientific Journal 1 (2017).
8. Ш.Р.ТурдиевMODELS AND METHODS FOR INCREASING THE EFFICIENCY OF INNOVATIVE RESEARCH: a collection scientific works of the International scientific conference 2021/11/11 P.181-183 Издатель BERLIN.
9. Gayratovich, E. N. (2019). USING VISUAL PROGRAM TECHNOLOGY METHODS IN ENGINEERING EDUCATION. European Journal of Research and Reflection in Educational Sciences Vol, 7(10).
10. Gayratovich, E. N. (2021). SPECIFIC ASPECTS OF EDUCATIONAL MATERIAL DEMONSTRATION ON THE BASIS OF VISUAL TECHNOLOGIES. International Engineering Journal For Research & Development, 6, 3-3.
11. G‘ayratovich, E. N. (2022). It Is A Modern Educational Model Based On The Integration Of Knowledge. Eurasian Scientific Herald, 5, 52-55.
12. G‘ayratovich, E. N. (2022). The Theory of the Use of Cloud Technologies in the Implementation of Hierarchical Preparation of Engineers. Eurasian Research Bulletin, 7, 18-21.
13. Gayratovich, E. N., & Yuldashevna, T. O. (2020). Use of visualized electronic textbooks to increase the effectiveness of teaching foreign languages. European Journal of Research and Reflection in Educational Sciences Vol, 8, 12.
14. Ergashev, N. (2020). Didactic fundamentals of electronic books visualization. An International Multidisciplinary Research Journal.
15. Ergashev, N. (2020). Using the capabilities of modern programming languages in solving problems of technical specialties. An International Multidisciplinary Research Journal.
16. Ergashev, N. (2022, May). FEATURES OF MULTI-STAGE TRAINING OF TEACHERS'CONTENT TO PROFESSIONAL ACTIVITIES USING CLOUD TECHNOLOGY IN THE CONDITIONS OF DIGITAL EDUCATION. In International Conference on Problems of Improving Education and Science (Vol. 1, No. 02).
17. Ergashev, N. (2022, May). THEORETICAL STAFF TRAINING USING CLOUD TECHNOLOGY IN CONTINUING EDUCATION. In International Conference on Problems of Improving Education and Science (Vol. 1, No. 02).
18. Ergashev, N. (2022, May). PROBLEMS OF USING DIGITAL EDUCATION IN PEDAGOGICAL THEORY AND PRACTICE. In International Conference on Problems of Improving Education and Science (Vol. 1, No. 02).
19. Ergashev, N. (2022, May). THEORY OF TRAINING OF PEDAGOGICAL PERSONNEL IN HIGHER EDUCATION USING CLOUD TECHNOLOGIES IN THE

CONDITIONS OF DIGITAL EDUCATION. In International Conference on Problems of Improving Education and Science (Vol. 1, No. 02).

20. Ergashev, N. (2022, May). PROBLEMS OF DIGITAL EDUCATION IN PEDAGOGICAL THEORY AND PRACTICE. In International Conference on Problems of Improving Education and Science (Vol. 1, No. 02).
21. G'ayratovich, E. N. (2022). The Problem of Training Future Engineer Personnel on the Basis of Cloud Technology in Technical Specialties of Higher Education. Eurasian Scientific Herald, 13, 1-4.
22. Gayratovich, E. N., & Jovliyevich, K.B.(2023).Theory and Methodology of Software Modeling Using the Web Platform.Eurasian Scientific Herald,16,59-63.
23. Ergashev, N. (2023). Methods of teaching parallel programming methods in higher education. Electron Library Karshi EEI, 1(01). Retrieved from https://ojs.qmii.uz/index.php/el/article/view/271
24. ERGASHEV, N. THE ANALYSIS OF THE USE OF CLASSES IN C++ VISUAL PROGRAMMING IN SOLVING THE SPECIALTY ISSUES OF TECHNICAL SPECIALTIES. http://science. nuu. uz/uzmu. php.
25. Gayratovich, Ergashev Nuriddin. "A MODEL OF THE STRUCTURAL STRUCTURE OF PEDAGOGICAL STRUCTURING OF EDUCATION IN THE CONTEXT OF DIGITAL TECHNOLOGIES." American Journal of Pedagogical and Educational Research 13 (2023): 64-69.
26. Shodiyev Rizamat Davronovich, and Ergashev Nuriddin Gayratovich. "ANALYSIS OF EXISTING RISKS AND METHODS OF COMBATING THEM IN CLOUD TECHNOLOGIES". American Journal of Pedagogical and Educational Research, vol. 18, Nov. 2023, pp. 190-8, https://www.americanjournal.org/index.php/ajper/article/view/1522.