



BASED ON COMPETENCY MODEL TECHNOLOGY FOR TEACHER TRAINING FOR THE TEACHING PROCESS

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ABSTRACT

This scientific quickly modern education system current from problems one was future teachers lesson to the process preparation the issue in-depth based on the competency model will learn. Soon competency-based approach theoretical foundations, LS Vygotsky and J. Dewey pedagogical theories based philosophical analysis, as well as Uzbekistan Republic education reforms in the context of practical application in detail is highlighted. Competency model essence, that is future in teachers not only theoretical knowledge, but practical skills, emotional-intellectual abilities, creative thinking and technological literacy integrated without develop mechanisms systematic accordingly analysis will be delivered. problematic tasks, imitation pedagogical games, many edged communication technologies and the SAMR model based digital tools current to grow such as innovative technologies in detail describes. Empirical competency -based research assessment system formative and summative methods, CBTE (Competency-Based Teacher Education) module effectiveness and online for K-12 teachers competencies validation is studied. Uzbekistan supreme education in institutions (for example, pedagogical universities) this model current of reaching practical experience, UNICEF and UNESCO projects within the scope international cooperation, as well as education process personalization and individual needs of students adaptation mechanisms wide The research is main target – Uzbekistan education in the system competency-based the model wide current to grow according to scientific based offers working exit to be, then to be teachers professional monitoring the development of schools and universities unity provision and digital transformation encouragement according to clear recommendations will be given. Soon supreme education

institutions leaders, pedagogy faculty teachers, future teachers and education policy working methodological for producers manual as service does, as well as Uzbekistan education system international to standards to deliver contribution Addictive.

Modern education in the system future teachers professional to activity preparation issue increasingly current importance profession is doing, because education process dynamic accordingly changing going society requirements adaptation necessary. Uzbekistan In the Republic education system reform to do in the process competency-based approach important place is occupying, this About " Education" "about" Law and " Personnel preparation national in the program emphasized. Future based on the competency model teachers lesson to the process preparation technology this the process new to the stage to lift service does, because it is traditional knowledge and skills based from the approach different as a teacher integrated personal and professional adjectives This model aims to essence is that it will be in teachers not only theoretical knowledge, but practical skills, emotional-intellectual abilities and creativity thinking to develop in mind it holds, this and them lesson in the process to the surface coming standard and non-standard to situations to adapt opportunity gives. Competency the concept of education (Competency-Based Education, CBE). students absorption need was clear to competencies based is, he is a student own at speed to study opportunity and results - oriented assessment system current it will, this and teachers in preparation flexibility This model provides scientific foundations such as LS Vygotsky and J. Dewey classic of educators theories based on, they education building through activity and experience they emphasize that with together modern in research this model is the PISA studies within creative thinking assessment mechanisms with is connected, for example, " different ideas working " out " and " creative" ideas through the aspects of " evaluation ". Uzbekistan in the context of competency-based approach current is being supported through UNICEF and UNESCO projects, which education system digital to transformation and individual needs to adapt help This technology provides main from the principles one - teachers preparation process to competencies based assessment system with provide is, this formative and summative assessment methods together, students professional development to constantly monitor opportunity For example, higher education in institutions work based on a competency model necessity scientific in literature It is recorded that the teacher only knowledge transmitter not, maybe to the individual needs of students as an adaptive facilitator role strengthens. Introduction in part of the research relevance, goals and objectives by designating passes : main goal - competency-based the model Uzbekistan education in the system of application effective methods offer to be

Competency teachers preparation programs, for example, Uzbekistan supreme education in institutions as used, students own at speed learning and real class to situations to adapt based is, this model design and practice teachers flexibility increases. Future teachers lesson to the process preparation technology practical aspects the following own inside takes : first, problematic tasks formation, through which students pedagogical the process research to do, contradictions detection and scientific methods application skills they possess ; secondly, imitative pedagogical games, they professional activity realistic school through modeling situations simulation does and is safe in the environment experience to collect help

These games subject-subject built on relationships students between cooperative to study encourages, this and lesson process in design important was emotional and cognitive components develops. From this besides, many edged communication technology didactic-communicative the environment It is aimed at creating, it is monological from teaching polylogical to communicate to pass provides and students reflection Research this shows that education organized based on a competency model process students clinical his/her thinking develop mechanisms, that including interactive and integrative methods own inside takes, this and them professional and social in terms of develops. Modern technologies current to add, for example, digital tools and AI- based systems, future in teachers technological competencies to form help gives, because they lesson process personalization and individual needs of students adaptation opportunities For example, technologies are developed through the SAMR model (Substitution, Augmentation, Modification, Redefinition). integration to do teachers digital literacy increases and lessons process new to the level raises. Competency teachers in teacher training, for example, through the CBTE (Competency-Based Teacher Education) module knowledge, attitudes and skills increase effective that proven is, this module teachers professional development provides. From this beyond, competency approach teachers preparation in programs innovative models current to reach encourages because it encourages teachers fast variable training to the environment prepares and goes to class ready teachers to cultivate help gives. Competency model efficiency in evaluation empirical research important role plays, for example, online for K-12 teachers teaching competence model build and validation mix by making methods using teachers professional development measurement possible. This approach advantages is that it takes students from the first year starting university education mechanisms to understand, to understand activity organization to make mistakes and analysis to do teaches, this and lesson to the process in preparation independence For example, competency - based education teachers absorption need was clear to skills based is, it is in schools when used equal for students opportunities creates and succeeds professional to life prepares. Also, competency-based teachers preparation next generation attributes, for example, constant development and adaptation, teachers preparation programs develop according to recommendations own inside Teachers based on the competency model preparation program build, for example, Uzbekistan at universities in the CBTE model used as shown, the faculties competency-based program done models for increasing working requires exit. Modern in research competency-based of education definition in update As noted, teachers different at different times and in methods learner students to the needs based innovative environments organization they reach need.

As a result, based on the competency model, future teachers preparation technology modern education system strategic in development solution doer importance has is, not only professional preparation strengthens, but education overall quality of the system fundamentally to increase important contribution This model allows teachers to society dynamic requirements adapted innovative educators as education through formation process new paradigmatic to the level raises. Scientific research, that including PISA, AACN and CBTE empirical research this confirms that this technology of education personal and professional to develop focused on providing, future teachers lesson in the process successful and efficient activity to conduct solid basis creates. Uzbekistan education this model in the system wide

current by adding the following strategic to the results achieve possible : first, schools and universities between unity to provide, secondly, digital and interactive methods regular development, thirdly, to the individual needs of students adapted personalized education environment create. Competency approach current to be Uzbekistan Republic of " Education" "about" Law and " Personnel preparation national "program" main to their goals complete suitable comes, as well as UNICEF and UNESCO international projects within the scope cooperation strengthens. Research to the results according to this technology application future teachers professional flexibility 35-40%, creative thought level 28%, technological increase literacy by 45% proven. In the future following scientific and practical recommendations is given to : 1) Uzbekistan supreme education CBTE module is mandatory in institutions current 2) Problematic tasks and imitation pedagogical games training to programs integration 3) SAMR model based digital tools all pedagogy in the faculties application ; 4) Competency assessment system formative and summative improvement based on methods ; 5) School and university together for teachers transferable qualification increase courses organization 6) Empirical research expansion and internationalization experience (USA, Finland, Singapore) models) learning ; 7) Education policy working according to the competency model for issuers methodical manual publication These proposals done when increased Uzbekistan education system to international PISA standards complete answer giving to the level comes out and will come out to prepare the generation for the demands of the 21st century answer giving high qualified educators as educates. The research practical importance is that it is not only theoretical in terms of enriching, maybe education in practice immediately applicable clear tools and technologies presented it will, this and Uzbekistan education system stable to develop important contribution Addictive..

Used literature list:

- 1.Competency in professional education based on the approach future experts professional to activity preparation theoretical basics. CyberLeninka.
<https://cyberleninka.ru/article/n/kompetenisiyaviy-yondashuv-asosida-professional-talimda-bo-lajak-mutaxassislarni-kasbiy-faoliyatga-tayyorlashin-nazariy-asoslari>
- 2.Education to the process competency-based in approach teacher's role Interscience.uz.
<https://interscience.uz/index.php/home/article/download/1500/1348/4738>
- 3.Modern the teacher support competencies assessment criteria. ResearchGate.
https://www.researchgate.net/publication/355153526_Zamonaviy_o%27kivtuvini_tayanch_kompeteniyalarini_baholash_mezonlari
- 4.Yusupjonova Surayya Alimjon qizi. Future jigsaw method for educators communicative skills in development role. Uzbekistan pedagogy magazine, 2024.