

Volume 02, Issue 05, 2024 ISSN (E): 2994-9521

Cultural and Professional Development of Engineers and Builders Kompetentsiyalarni

Koxorov Abdumonon Abdumutalibovich ¹,

Annotatsiya:

Article mutaxassisning perfect, humane, developed as a comprehensive entity formation and properties of the study was kompetentlik in them. Tizim theanalysisof the method is the useib, ktransmission method throughkompetentlik features of the conditionevaluated and abstrakt-logical thinking through appropriate conclusions formed.

Keywords: kompetentsiya the action, the effectiveness of professional activity, professional action, psihologik-pedagogical knowledge, skills.

Now the training of highly qualified technical personnel, has experienced great changes. Its perfect formation specialists, humane, developed as a comprehensive entity, as well as professional is intertwined with the formation of the level of preparation. As can be seen, the formation of the modern education system and the market economy, the information society, taking the level of development of production technology is developing.

Come, we can determine the properties kompetentsiyaning. Dictionary of something in terms of some kompetentsiya assessment, allowing you to express your opinion as to possess the knowledge of significant influential opened. At the present time, often in the context of changing environmental demands kompetentsiya knowledge and skills is determined as the ability to combine the methods they use. Kompetentsiya - these professional actions of the person at the time of the implementation of the integral form of the term quality professionals, including the qualities and characteristics of the person, its motives, knowledge, skills, skills, responsibility.

¹ Asistentlik, Namangan engineering – building institute

Review of the literature. In such conditions systematic work on the formation of professional skills of students on specialty engineering educational institutions must carry. "Profession" let shows the difference of scientists to consider the concept of the look. The following definition gives a. a. Derkach, let's profession (the genre of profession - profession, to the benefit of the recipient - to declare their business) - men's professional as the formation of business entities, professional communication, development of work that includes the feature of a single person. Professional psychological indicators, a. a. Derkach: route moral values and to comply with them to have professional; professional activities developed means of samples at the high level of knowledge; the person in accordance with high professional standards to achieve professional results professional excellence; a particular individual's contribution to their professional experience - enrich with the creation of the professional; the desire to increase your social reputation and ability in society, profession and so on.k. s. i.

E. f. zee kompetentsiyani professional professional knowledge, skills, as well as the implementation of activities considered as professional collection methods. A. Dorofeev as indicators of the quality of education professional kompetentsiyaning separating showed the following aspects:

- 1. the current qualification (from the fields of professional knowledge, skills, qualifications, professional activities which are necessary and sufficient for the implementation of effective mastering the ability of modern information technology);
- 2. cognitive training (activity at the level of the ability of mastering new knowledge and technologies, as well as the ability to learn and to teach others);
- 3. communicative preparation (native language and foreign languages, communication, talk techniques and go get to know the technology, and stimulate the ability to defend their decision);
- 4. address the key area to understand the dimensions of professional development and modern trends to know:
- 5. professional self-improvement, corporate self-identify and place the needs, desires, and willingness;
- 6. stable and developing important professional qualities.

Consider professional kompetentsiyaning properties, it should be noted that, in the initial stages of learning the skills of professional specialists to increase kompetentsiyani raising process required the use of integrated active and held in the form of lessons.

- N. v. Kuzmina, so the lower bound shows the allocation of the mutual psychological kompetentsiyaning system: socio-pertseptual; social-psychological; avtopsixologik; communicative; psychological and pedagogical A. a. Dergach kompetentsiyaning professional rather formed of the following components:
- professional kompetentsiya (knowledge on various occupations, labour, subject to requirements of professional preparation);
- legal professional kompetentsiya (know labor laws and normative legal acts);
- social-pertseptual kompetentsiya (entity types, manners and attitudes, perception and knowledge about understanding person by person);
- > communicative kompetentsiya (shaxslararo the content of various forms of communication, the psychological effects of the methods of their application to know the properties). E. f. zee is rather formed professional kompetentsiyaning of the following components:

- > socio-legal kompetentsiya people relations and public institutions with the knowledge and skills to be able to the method of communication and behavior in professional activities;
- > special kompetentsiya independent performance of certain types of activities typical to solve professional tasks, as well as to assess the results of their activities, expert knowledge and ability to master new skills independently on;
- kompetentsiya personal professional to have the ability to grow in professional development activities and increasing, as well as in the implementation of the professional work of self;

Providing effective development of professional skills of specialists on building pedagogical terms, you can list:

- > the quality of the qualification and the development and implementation of this process in the form of time when needed correction;
- > continuous renewal and enrichment of the educational environment of the educational institutions and information:
- educational-methodical complex of use;

Practice-oriented education will help to increase the efficiency and quality of education technology. Practice-oriented education purpose - cognitive development needs, seek new knowledge, to increase the efficiency of the education process. Practice-oriented development of new knowledge as the basis of education and practical experience in the use and importance of the formation of the educational process is based on the solution of professional tasks and problems. Practice-oriented education organization includes the following principals: stimulate the learning process; ensure that it is associated with the practice of training; education activity readers the complexity of kompetentsiyaga based approach. Practice-oriented education as an element of the educational process performs the following functions:

- 1. Diagnostic function, on the one hand, readers have to read the computer's motivation, on the second hand, the resources of the educational institution is to determine conformity to them. Thus, the learning process more effective for the organization in conjunction with teachers, students practice-oriented sign of the purpose of education, they must.
- 2. The function of education this is a practice-oriented education, the main purpose of the educational institution known as the common cultural and professional kompetentsiyalarini readers to combine all of the resources available to use.
- 3. Function that develops educational importance of the development of professional qualities them includes aktuallashtirish. Readers new knowledge, skills, and create a position independent of the estate to the ground, and this serves both to increase their professional skills while.
- 4. The integration function that teach the students by the students: science of the accumulated knowledge, skills synergistically to achieve the effect of processing and tizimlashti he sees.

References:

- 1. Байбобоева, Ф. (2023). Korxonaning Iqtisodiy Xavfsizligini Ta'minlashning Yo 'Nalishlari Va Funktsional Elementlari. *Economics And Innovative Technologies*, 11(3), 262-268.
- 2. Sattikhodjaevich, B. Z., Sultonboyevich, A. A., & Tutiyo, E. (2023). CONDUCTING CONSTRUCTION WORKS IN URBAN AREAS ANALYZING THE CONSEQUENCES OF A STRONG EARTHQUAKE. *Scientific Impulse*, *1*(10), 1483-1490.
- 3. Sultonboyevich, A. A. (2024). Temperature and Moisture-Deformations of High-Temperature-Resistant Concrete Under Single Impact of Water and Temperature. *European Journal of*

- Contemporary Business Law & Technology: Cyber Law, Blockchain, and Legal Innovations, 1(2), 5-8.
- 4. Razzakov, S., & Abdurakhmonov, A. (2020). HEAT-RESISTANT REINFORCED CONCRETE SLAB IN KILNS. SCIENCE AND INNOVATIVE DEVELOPMENT, 3 (3), 113–119.
- 5. Sultonboevich, A. A., & Abdurauf o'g'li, A. I. (2023). WAYS TO REDUCE HYDRATION AND CRACKING OF CONCRETE IN THE PRODUCTION OF SPECIAL REINFORCED CONCRETE PRODUCTS. British Journal of Global Ecology and Sustainable Development, 16, 5-9.
- 6. Abdurahmonov, A., Madamiovna, K. D., & Egamberdiyeva, T. (2023). High Temperature Resistant Reinforced Concrete Made on the Basis of Industrial Waste. *Best Journal of Innovation in Science, Research and Development*, 2(3), 26-33.
- 7. Abdurahmonov, A., Madamiovna, K. D., & Egamberdiyeva, T. (2023). Technology of Manufacturing Technology of Pre-Tensioned Intermediate Plate by Continuous Molding Method. *Best Journal of Innovation in Science, Research and Development*, 2(3), 34-40.
- 8. Байбобоева, Ф. (2023). Korxonaning Iqtisodiy Xavfsizligini Ta'minlashning Yo 'Nalishlari Va Funktsional Elementlari. *Economics And Innovative Technologies*, 11(3), 262-268.
- 9. Байбобоева, Ф. (2023). Тадбиркорлик Субъектлари Иктисодий Хавфсизлигини Таъминлашда Молиявий Хавфсизлик Масалалари. *Economics And Innovative Technologies*, 11(2), 107-112.
- 10. Nabijonovna, B. F. (2020). Support for small business and private entrepreneurship in Uzbekistan. *ECLSS Online* 2020b, 524.
- 11. Nabijonovna, B. F. SECURITY OF ECONOMIC ACTIVITY IN ENTERPRISES. *Process Management and Scientific Developments*, 8.
- 12. Erdős, F., Németh, R., & Bayboboeva, F. (2023). Virtual Teamwork in Gamified 3D Environment. *INFOCOMMUNICATIONS JOURNAL: A PUBLICATION OF THE SCIENTIFIC ASSOCIATION FOR INFOCOMMUNICATIONS (HTE)*, (SP), 15-20.
- 13. Бузруков, З. С., & Кохоров, А. А. У. (2022). Определение прочности кирпичной кладки на срез при сейсмическом воздействии. Строительство и образование, (2), 14-18.
- 14. Sattikxoʻjaevich, B.Z., Mutalibovich, RS, Chorieva, V., & Abduhalilova, M. (2023). SHAHARLARNING EKOLOGIK MUAMMOLARINING SABABLARI VA YECHIM YOLLARI. *JURNAL OF ENGINEERING, MEXANICA VA ZAMONAVIY ARXITEKTURA*, (2), 175-178.
- 15. Бузруков, З. С. (2023). ОСОБЕННОСТИ СТРОИТЕЛЬСТВА И ЭКСПЛУАТАЦИИ СЕЙСМОСТОЙКИХ ЗДАНИЙ. *GOLDEN BRAIN*, *1*(35), 195-200.
- 16. Бузруков, З. С., & Кохоров, А. А. У. (2022). Определение прочности кирпичной кладки на срез при сейсмическом воздействии. Строительство и образование, (2), 14-18.
- 17. Zokiryo, B., & Abdurahmonov, A. (2023). G'isht jangidan issiqlikka chidamli plitalarning ba'zi strukturaviy jihatlari. *E3S Web of Conferences* da (401-jild, 04065-bet). EDP fanlari.
- 18. Бузруков, 3. С. (2023). ОСОБЕННОСТИ СТРОИТЕЛЬСТВА И ЭКСПЛУАТАЦИИ СЕЙСМОСТОЙКИХ ЗДАНИЙ. *GOLDEN BRAIN*, *1*(35), 195-200.
- 19. Turg'unov Muxriddin Sotvoldi o'g (2024). Technologies for Professional Training Development of Future Builders-Engineers on the Basis of Innovation Approach. European

- Journal of Contemporary Business Law & Technology: Cyber Law, Blockchain, and Legal Innovations 2, 24-28
- 20. Abdumonon Kokhorov, Mukhriddin Turgunov (2023). THE ROLE OF MEDIA AND INFORMATIONAL EDUCATION IN THE TRAINING OF CIVIL ENGINEERS. Golden brain 35, 177-182
- 21. Turgunov Mukhriddin, Abdumonon Kokhorov (2023) MECHANISMS AND ADVANTAGE OF TEACHING STUDENTS TO CREATIVE THINKING THROUGH MEDIA EDUCATION METHODS IN THE INFORMATIONAL EDUCATIONAL ENVIRONMENT. Golden brain 35, 183-188
- 22. Turgunov Mukhriddin, Abdumonon Kokhorov (2023) FORMATION OF PROFESSIONAL COMPETENCES OF ENGINEER BUILDERS ON THE BASE OF INNOVATIVE TECHNOLOGIES. Golden brain 35, 171-176
- 23. Turgunov Mukhriddin, Abdumonon Kokhorov (2023) USE OF MEDIA EDUCATION IN DEVELOPING THE PROFESSIONAL TRAINING OF FUTURE CIVIL ENGINEERS IN THE INFORMATIONAL EDUCATIONAL ENVIRONMENT. Golden brain 35, 189-194
- 24. М. Тургунов Н.Р. Ходжиев (2021) ЭКОНОМИЧЕСКИЙ АНАЛИЗ ПО ГИДРОИЗОЛЯЦИИ ФУНДАМЕНТА ОБЩЕСТВЕННЫХ ЗДАНИИ НАМАНГАНСКОЙ ОБЛАСТИ КАЧЕСТВО. ТЕХНОЛОГИИ. Инновации IV Международная научно-практическая конференция 2, 102-110
- 25. Turgunov Mukhriddin, Abdumonon Kokhorov (2023) USE OF MEDIA EDUCATION IN DEVELOPING THE PROFESSIONAL TRAINING OF FUTURE CIVIL ENGINEERS IN THE INFORMATIONAL EDUCATIONAL ENVIRONMENT. Golden brain 35, 189-194
- 26. Madamiovna, K. D. (2023). AHSIKENT CASTLE AND THE CHARACTERISTIC FEATURES OF THE BATHS IN IT. Новости образования: исследование в XXI веке, 1(6), 939-949.
- 27. Abdurahmonov, A., Madamiovna, K. D., & Egamberdiyeva, T. (2023). High Temperature Resistant Reinforced Concrete Made on the Basis of Industrial Waste. *Best Journal of Innovation in Science, Research and Development*, 2(3), 26-33.
- 28. Abdurahmonov, A., Madamiovna, K. D., & Egamberdiyeva, T. (2023). Technology of Manufacturing Technology of Pre-Tensioned Intermediate Plate by Continuous Molding Method. *Best Journal of Innovation in Science, Research and Development*, 2(3), 34-40.
- 29. Madaminovna, K. D. (2022). CHARACTERISTICS OF FORMATION AND DEVELOPMENT OF THE ART OF BATHROOMING. *INTERNATIONAL JOURNAL OF RESEARCH IN COMMERCE, IT, ENGINEERING AND SOCIAL SCIENCES ISSN: 2349-7793 Impact Factor:* 6.876, 16(3), 24-28.
- 30. Madamiovna, K. D. (2023). Architecture of Traditional Baths in Central Asia. *Best Journal of Innovation in Science, Research and Development*, 2(3), 41-47.
- 31. Abdumutalibovich, K. A., & Lutfillaevna, B. M. (2024). The Role of Bim Technologies in the Information System of Education. *European Journal of Contemporary Business Law & Technology: Cyber Law, Blockchain, and Legal Innovations*, 1(2), 9-13.
- 32. Бузруков, З. С., & Кохоров, А. А. У. (2022). Определение прочности кирпичной кладки на срез при сейсмическом воздействии. Строительство и образование, (2), 14-18.
- 33. Abdumutalibovich, K. A., Abdushokirovna, M. Z., & Kh, A. (2023). IMPROVING VIRTUAL LESSON TEACHING METHODOLOGY BASED ON MODERN DIGITAL

- TECHNOLOGIES. JOURNAL OF ENGINEERING, MECHANICS AND MODERN ARCHITECTURE, (2), 187-190.
- 34. Akiner, M. E. (2016). Smart cities transformation in Turkey. *New arch-international journal of contemporary architecture*, *3*(3), 8-16.
- 35. Рахимова, Г., Илхом, Қ., & Дедаханов, Б. (2023). ТАЪЛИМ ЖАРАЁНИДА ИННОВАЦИОН ТЕХНОЛОГИЯЛАРНИНГ ЎРНИ. Journal of new century innovations, 21(3), 33-40.
- 36. Xatamovich, Q. D. (2023). MAMLAKATIMIZDA ARXITEKTURA-SHAHARSOZLIK SOHA MUTAXASSISLARI TAYYORLASHNI TAKOMILLASHTIRISH CHORALARI. *JOURNAL OF ENGINEERING, MECHANICS AND MODERN ARCHITECTURE*, (2), 179-181.
- 37. Egamberdiyeva, T. (2023). DESIGNING ENERGY EFFICIENT AND PASSIVE HOUSES. *GOLDEN BRAIN*, *1*(35), 153-158.
- 38. Egamberdiyeva, T. (2023). ARCHITECTURAL AND CONSTRUCTION REQUIREMENTS IN THE DESIGN OF LOW-RISE RESIDENTIAL BUILDINGS. *GOLDEN BRAIN*, 1(35), 201-205.
- 39. Egamberdiyeva, T. (2023). DESIGNING ENERGY EFFICIENT AND PASSIVE HOUSES. *GOLDEN BRAIN*, *1*(35), 153-158.
- 40. Egamberdiyeva, T. (2023). ARCHITECTURAL AND CONSTRUCTION REQUIREMENTS IN THE DESIGN OF LOW-RISE RESIDENTIAL BUILDINGS. *GOLDEN BRAIN*, 1(35), 201-205.
- 41. Abdurahmonov, A. (2023). THE EXPERIENCE OF THE WORLD AND THE WORLD'S EXPERIENCES ON THE CONSTRUCTION OF MULTI-STOREY PARKING. *GOLDEN BRAIN*, *1*(35), 165-170.
- 42. Sultonboevich, A. A., & Abdurauf o'g'li, A. I. (2023). WAYS TO REDUCE HYDRATION AND CRACKING OF CONCRETE IN THE PRODUCTION OF SPECIAL REINFORCED CONCRETE PRODUCTS. British Journal of Global Ecology and Sustainable Development, 16, 5-9.
- 43. Zikriyoxujaeva, M. (2023). NOANANAVIY ENERGIYA MANBAALARIDAN FOYDALANISH MASALALARI. *PROBLEMS OF ARCHITECTURE AND CONSTRUCTION (SCIENTIFIC TECHNICAL JOURNAL)*, 1(2), 269-271.
- 44. Zakiryo, B., & Abdurahmonov, A. (2023). Some structural aspects of heat resistant plates from brick fight. In *E3S Web of Conferences* (Vol. 401, p. 04065). EDP Sciences.
- 45. Sultonboyevich, A. A., & Muhammadalixon o'g'li, H. S. (2023). STUDY OF THE PROPERTIES OF HEATED CONCRETE BASED ON INDUSTRIAL WASTE. Новости образования: исследование в XXI веке, 1(6), 978-985.
- 46. Абдурахмонов, А. С., & Омонкелдиева, Ш. (2022). Пути снижения обезвоживания бетонной смеси и трещинообразования в железобетонных изделиях при их изготовлении. Строительство и образование, (2), 28-31.
- 47. Razzakov, S., & Abdurakhmonov, A. (2020). G 'ISHT PISHIRISH XUMDONLARI UCHUN ISSIQBARDOSH TEMIR BETON YOPMA PLITA. *SCIENCE AND INNOVATIVE DEVELOPMENT*, *3*(3), 113-119.

48. Sattikxoʻjaevich, B.Z., Mutalibovich, RS, Chorieva, V., & Abduhalilova, M. (2023). SHAHARLARNING EKOLOGIK MUAMMOLARINING SABABLARI VA YECHIM YOLLARI. *JURNAL OF ENGINEERING, MEXANICA VA ZAMONAVIY ARXITEKTURA*, (2), 175-178.