QURILISH KONSTRUKSIYALARI VA XAVFSIZLIGI

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Kirish. Kapital qurilish Respublikamiz xalq xo'jaligida muhim ahamiyatga ega. Har qanday davlatning material-texnik bazasini yaratish kapital qurilishsiz tassavur qilib bo'lmaydi.

Qurilish konstruksiyalari - har qanday bino va sun'iy inshootlarni qurish, turarjoy binolari, jamoat, sanoat va qishloq xo'jalik binolari, ko'priklar, katta hajmli imoratlar, quvurlar va inshootlarning asosi hisoblanadi. Bino va inshootni qurish uchun sarflangan xarajatlarning asosiy qismi konstruksiyalarga to'g'ri keladi.

Hozirgi kunda amalga oshirilayotgan katta hajmdagi kapital qurilislar, qurilish konstruksiyalaridan samarali foydalanish rivojining juda tez jadallashuviga turtki bo'ldi - konstruksiyalarning turlari va ulardan tayyorlanadigan xomashyolar to'xtovsiz takomillashib bormoqda. Shu boisdan ularni hisoblash, loyihalash va tiklash usullari ham takomillashtirilmoqda.

Qurilish konstruksiyalarini hisoblashdan maqsad qurilishning samaradorligini oshirish, uning konstruktiv sxemalarini ixchamlashtirish va konstruksiyalarni tiplashtirish asosida, iloji boricha ko'proq tayyorligini oshirish bo'lsa, ikkinchisi - bu imoratlami raqobatbardosh, yuqori sifatli, shinam va vazifaviy qulay bo'lishini ta'minlashdir. Shu tufayli mexanizatsiyalashtirilgan va avtomatlashtirilgan texnologik arayonlarni qo'llash bilan bir qatorda qurilish maydonchalarida bajariladigan ishlarga keng imkoniyatlar ochib berildi. Qurilish konstruksiyalari ularda qo'llanadigan materiallariga ko'ra metalli (odatda po'latdan), g'isht-toshli, betonli va temirbetonli, yog'och yoki plastmassali konstruksiyalarga bo'linadi.

XVI-XVII asrlarda bino va inshootlarni qurishda dastlab bog'lovchi unsur sifatida foydalanildi, keyinchalik XVIII asrdan boshlab metallni qurilish konstruksiyasi sifatida qo'llaniladi. Birinchi cho'yan ko'prik XVIII asrda (Angliyada 1779 yili va 1784 yili Rossiyada) quriladi.

XIX asrda muayyan shakldagi metall buyumlarning ishlab chiqarilishi qurilishda ishlatiladigan unsurlarini oqilona kesimlarini hosil qilinishiga sabab bo'ldi. Po'lat konstruksiyalarining unsurlarini yig'ishda payvandlashni qo'llanilishi konstruksiyalarni ishlab chiqarishda mehnat sarfini ancha kamayishiga va qurilishda keng miqyosda qo'llanilishiga olib keldi.

XIX asrning o’rtalarida yangi material - temirbeton paydo bo’ldi, unda beton va metallning maqbul mutanosiblikda ishlatiladi. O’sha davrda konstruksiyalarni hisobi paydo bo’ldi va rivojlantirildi. Konstruksiyalarni hisoblashning ilmiy usullari doimo rivojlantirilib kelinmoqda.

Vazirlar Mahkamasining 2018-yil 31-iyul, 603-son qarori bilan tasdiqlangan “O’zbekiston Respublikasi Qurilish vazirligi to’g’risida”gi NIZOM da quriulish vazirligi o’z vakolati doirasida quyidagilarni amalga oshiradi:

-binolar, inshootlar va ularning alohida yelementlariga bo’lgan xavfsizlik talablarini, shuningdek, bino va inshootlarning yenergiya samaradorligini oshirish bo’yicha chora-tadbirlarni ishlab chiqadi;

-shaharsozlik faoliyatida mahsulotlar, ishlar va xizmatlar xavfsizligiga qo’yiladigan majburiy talablarga taalluqli texnik jihatdan tartibga solish sohasida ishlar bajarilishini ta’minlaydi;

-arxitektura, loyihalash va qurilish sohasida malakali kadrlarni tayyorlashga tizimli asosda ko’maklashishni ta’minlaydi.

O’zbekiston Respublikasi Prezidentining “O‘zbekiston Respublikasi qurilish sohasini modernizasiyalash, jadal va innovasion rivojlantirishning 2020—2025-yillarga mo‘ljallangan strategiyasi to‘g‘risida”gi farmoyish loyihasida ko’rsatilganidek, O‘zbekistonda qurilish sohasini modernizasiyalash, jadal va innovasion rivojlantirishning asosiy yo‘nalishlari sifatida quyidagilar belgilangan:

-o‘qitishning zamonaviy va innovasion usullari qo‘llanishini hisobga olgan holda qurilish yo‘nalishidagi kadrlarni tayyorlash, qayta tayyorlash va malakasini oshirishni tashkil qilish tizimini takomillashtirish;

- qurilish obektlarida qurilish-montaj ishlarini bajarishda mehnat muhofazasi va xavfsizlik texnikasiga bo‘lgan talablarni kuchaytirish kabi dolzarb masalalar qo’yilgan.

“Loyiha-qidiruv hamda qurilish-pudrat tashkilotlarining faoliyati samaradorligini oshirish, ular o’rtasida sog’lom raqobat muhitini shakllantirish maqsadida reyting tizimi yo’lga qo’yilayapti. Bu bilan loyihalovchi va quruvchining ishi bino foydalanishga topshirilib, barcha yutuq hamda kamchiliklarlar yuzaga chiqqach yemas, balki qurilish-montaj jarayonida baholab boriladi. Bu to’g’risida 2020 yil 9 noyabrda Vazirlar Mahkamasining 699-sonli “Loyiha-qidiruv va qurilish-pudrat tashkilotlari reytingini hisoblash va yuritish tartibini joriy yetish chora tadbirlari to’g’risida” gi qarori qabul qilindi. Ushbu me’yoriy hujjat asosida Loyiha-qidiruv va qurilish-pudrat tashkilotlari reytingini hisoblash va yuritish tartibi to’g’risida nizom ham tasdiqlandi.”

Yendi qurilishlarning yelectron bazasi tuzilib tashkilotlarning reytingi ochiq va oshkoro tarzda baholanib boriladi.

Ushbu ma’ruza matnlari Respublikamizda qurilish sohasidagi islohotlarni amalga oshirish uchun *“*Bino, inshootlarni qurish va ishlash xavfsizligi*”* fanidan 5860100-“Hayotiy faoliyat xavfsizligi” ta’lim yo’nalishi bo’yicha malakali bakalavrlar tayyorlash uchun mo’ljallangan muhim manba bo’lib xizmat qiladi.

Qurilish-montaj ishlarini xavfsiz olib borish uchun montaj ishlari mutaxassislari bino va inshootlarni asosiy hajmiy-rejaviy va konstruksiyaviy yechimlarini, ularda qo’llaniladigan metall va temirbeton materiallarining fizik va mexanik xususiyatlarini bilishi, konstruksiyalarning unsurlarini hisobiy sxemalarini va ularning zo’riqish holatini montaj jarayonida va ulardan foydalanish davrida aniq tassovur eta bilishlari hamda, uncha murakkab bo’lmagan konstruksiyalarning unsurlarni hisoblay olishlari kerak.

Oxirgi o’n yilliklarda sanoatning taraqqiy etishi davomida Respublikamizda qurilish konstrusiyalari miqyosida texnikaviy o’sish kuzatildi. Sanoat bazasining kundan-kunga rivojlanishi, materiallar va ashyolarning mustahkamlik xususiyati ortmoqda, yangi zamonaviy kщrinishdagi konstruksiyalar chiqarilmoqda (sendvich panellar, KNAUF materiallari, turli xil suvoq qorishmalar va qoplamalar va h.k.), ularning zavod sharoitda tayyorlanishi oshmoqda.

Temirbeton va fazoviy-strukturaviy konstruksiyalar keng miqyosda qo’llanilmoqda.

Fanining maqsadi qurilish konstruktsiyalarini hisoblash va konstruktsiyalash bo’yicha malaka hosil qilish, meyyoriy hujjatlardan va boshqa texnik adabiyotlardan foydalanish. Bino va inshoatlar loyihalanishida har xil konstruktsiyalarni qollash va konstrktiv echimlami, konstruksiyalar tizimi asoslari bilan qurollantirish, konstruksiyalami qo’llashda mantiqiy fikrlash, tasawur etish qobiliyatlarini rivojlantirish, bino va inshoatlarni avariya holatlami oldindan belgilash va ulami bartaraf qilish chora-tadbirlariga tayyorgarlik ishlarini bajarish mahoratiga ega bo’lish.

Xulosa. Fanning vazifasi Respublikamizda va xorijda bunyod etilayotgan, yangi qurilish yo’nalishlari bilan tanishtirish, qurilish materiallari xozirgi zamon talablariga javob berishi uchun davlatimizda standartlash, sertifikatlash va metrologiya asoslari, ishlabchiqarish sohasidagi fan va texnika yutuqlari, bino, inshoatlarni xavfsiz ekspluatasiya sharoitlarini ta’minlash haqida tasawurga ega bo‘lishi, binolami qurish va barpo etishda loyihasidan foydalana olishi, arxitektura-qurilish jarayonida atrof-muhitni muhofazalash ko’nikma va malakalarini hosil qilishdir.

Metall konstruksiyalari materialning yuqori darajada mustahkamligi evaziga kam xussiy massasiga ega. Ularni maxsus zavodlarda tayyorlanishi va qurilish maydonida montaj qilinishi

uncha katta mehnat xarajatlarini talab qilmaydi. Ammo ularning zanglashga moyilligi foydalanish davrida esa, davriy ravishda bo'yash ishlariga ko'p xarajatlarni talab etadi.

REFERENCES

1. Мурадов С. ПРОБЛЕМЫ ТУШЕНИЯ ПОЖАРОВ КЛАССА Е ЛИЧНЫМ СОСТАВОМ ПОЖАРНОЙ ОХРАНЫ В МИРЕ //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 758-773.
2. Rayimkulov A., Murodov S. Some Issues of Safety in the Use of Tower Cranes Used in Construction Projects //JournalNX. – С. 301-308.
3. Dildora X., Sirojiddin M. O 'zbekiston respublikasi hududida seysmoaktiv hududlar va zilzilaning xavfliligi //Innovative Development in Educational Activities. – 2024. – С. 167-172.
4. ЎҒЛИ Р. Х. Ф., СИРОЖИДДИН М. ИЗУЧЕНИЯ УСЛОВИЯ ТРУДА В КОМПАНИИ ЕВРОПЫ. МУРАДОВ СИРОЖИДДИН //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 10.
5. O'G'LI M. S. H. ANALYSIS OF "MEASURES TO ENSURE OCCUPATIONAL SAFETY IN THE FIELD OF CARGO TRANSPORTATION AND LOADING." //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 9.
6. Sirojiddin M., Umurzoq E. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 12. – С. 42-47.
7. Rakhimov O. D., Muradov S. H. Digitalization of Instructions on Labor Protection and Safety Techniques //European journal of life safety and stability (EJLSS). – 2022. – Т. 24. – С. 80-86.
8. Muradov S. H. o 'g 'li, & Zayniyev, UU o 'g 'li.(2023). PRINCIPLES OF PASSING AND DOCUMENTING INSTRUCTIONS ON SAFETY TECHNIQUES //Educational Research in Universal Sciences. – Т. 2. – №. 14. – С. 116-119.
9. Muradov S. ECONOMIC ANALYSIS OF PROFITS IN THE FIELD OF LABOR PROTECTION //Modern Science and Research. – 2024. – Т. 3. – №. 1. – С. 1239-1245.

10. МУРАДОВ С. ИЗУЧЕНИЯ ОХРАНА ТРУДЫ НА ПРОИЗВОДСТВЕ КОРЕИ //ХӨДӨЛМӨР, НИЙГМИЙН ХАРИЛЦАА СУДЛАЛ. – 2023. – С. 242-247.
11. СИРОЖИДДИН М. РАЖАБОВ ХУРШИД ФАХРИДДИН ЎҒЛИ. ИЗУЧЕНИЯ УСЛОВИЯ ТРУДА В КОМПАНИИ ЕВРОПЫ. МУРАДОВ СИРОЖИДДИН //International journal of advanced research in education, technology and management. – 2023. – Т. 10. – С. 27.
12. Husan o‘g‘li M. S., Utkir o‘g‘li Z. U. PRINCIPLES OF PASSING AND DOCUMENTING INSTRUCTIONS ON SAFETY TECHNIQUES //Educational Research in Universal Sciences. – 2023. – Т. 11.
13. Мурадов С. Определение отдыха и отпусков на основании нового трудового кодекса //Aholi bandligi sohasidagi davlat siyosatining amalga oshirishning dolzarb masalalari. – 2023. – Т. 10. – №. 26. – С. 17-21.
14. Muradov S. H. Safarov Sh. O ‘. MEHNAT SHAROITLARI VA MUHITINI “KAIZEN” USULI YORDAMIDA TAKOMILLASHTIRISHNING INNOVATSION YECHIMLARI //PAXTA TOZALASH, TO ‘QIMACHILIK VA YENGIL SANOAT SOHALARINING TEXNOLOGIYASINI TAKOMILLASHTIRISH. – 2023. – С. 90-92.
15. Sirojiddin M. Mehanatni muhofaza qilishning tashkiliy-psixologik asoslaridagi mavjud muammolar //Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari. – 2023. – С. 133-137.
16. Sirojiddin M. Mehnat sharoitlari va muhitini “kaizen” usuli yordamida takomillashtirishning innovatsion yechimlari //Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari. – 2023. – С. 249-253.
17. Muradov S. H. o ‘g ‘li, & Egamov, DS o ‘g ‘li.(2023). INNOVATIVE SOLUTIONS TO PROTEC T WORKERS FROM DANGEROUS GAS AND TOXIC SUBSTANCES IN HAZARDOUS INDUSTRY ENTERPRISES //Educational Research in Universal Sciences. – Т. 2. – №. 14. – С. 340-342.
18. Muradov S. ASSESSMENT OF THE CHEMICAL SITUATION IN AN ACCIDENT IN FACILITIES USING KTZM //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 1142-1152.
19. Sirojiddin M. Mehnatni muhofaza qilish sohasida yuk ortish va tushirish ishlaridagi yukchilar uchun ishlarning xavfsizligi kategori va qoidalari tahlili //Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari. – 2023. – С. 232-242.

20. Sirojiddin M. Mehnatni muhofaza qilishning rivojlanish tarixiy bosqichlarini o ‘rganish //Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari. – 2023. – С. 243-248.
21. Sirojiddin M. Sanoat korxonalari rahbar va mutaxassislarining mehnat muhofazasi bo‘yicha bilimlarini tekshirishni raqamli texnalogiyalar asosida tashkil etishning ahamiyati //Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari. – 2023. – С. 146-150.
22. Sirojiddin M. Xavfli sanoat korxonalarida ishchilarni xavfli gaz va zaxarli moddalar ta’siridan himoya qilishga qaratilgan inovatsion yechimlar //Ekologiya, aholi xavfsizligi va mehnat muhofazasining hozirgi kundagi dolzarb masalalari va istiqbollari. – 2023. – С. 402-405.
23. Muradov S. CONSTRUCTION-INSTALLATION ISHLARIDA KUTARAMA KRANLARDAN USE FUNDAMENTAL SECURITY OF SUPPLY //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 786-792.
24. СИРОЖИДДИН М. НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ ГРУЗОПОДЪЕМНЫХ КРАНОВ В СТРОИТЕЛЬНО-МОНТАЖНЫХ РАБОТАХ //International journal of advanced research in education, technology and management. – 2024. – Т. 3. – №. 2. – С. 167-177.
25. Raximov O. D. Muradov SH Sanoat korxonalari rahbari va mutaxassislarini mehnat muhofazasi bo ‘yicha o ‘qitish va bilimlarini sinovdan o ‘tkazishni raqamlashtirish //INTELLEKT. MONOGRAFIYA. – 2023.
26. O‘G‘LI M. S. H. Mehnatni muhofaza qilishning rivojlanish tarixiy bosqichlarini o ‘rganish //Aholi bandligi sohasidagi davlat siyosatining amalga oshirishning dolzarb masalalari. – 2023. – Т. 10. – №. 26. – С. 8-16.
27. Muradov S. ENSURING SAFETY OF WORKERS IN CONSTRUCTION //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 493-501.
28. Muradov S. Ishlab chiqarishdagi avariyalarni o ‘rganish va tahlil qilish //Educational Research in Universal Sciences. – 2023. – Т. 2. – №. 16. – С. 474-477.
29. СИРОЖИДДИН учитель-стажер М. Каршинский инженерноэкономический институт кафедра «Охрана труда и техника безопасности» Республики Узбекистан.(2024). НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ ГРУЗОПОДЪЕМНЫХ КРАНОВ В СТРОИТЕЛЬНО-МОНТАЖНЫХ РАБОТАХ. Zenodo //НЕКОТОРЫЕ АСПЕКТЫ БЕЗОПАСНОСТИ ПРИМЕНЕНИЯ.

30. Мурадов С. PRINCIPLES OF ENSURING THE SAFETY OF USING LIFTING CRANES IN CONSTRUCTION-ASSEMBLY WORKS //MODERN SCIENCE AND RESEARCH. – 2024. – Т. 3. – №. 2. – С. 933-939.
31. Husan o‘g‘li M. S. Sanoat korxonalari rahbar va mutaxassislarining mehnat muhofazasi bo ‘yicha bilimlarini tekshirishni raqamli texnalogiyalar asosida tashkil etishning ahamiyati //Aholi bandligi sohasidagi davlat siyosatining amalga oshirishning dolzarb masalalari. – 2023. – Т. 10. – №. 26. – С. 180-183.
32. Muradov S., Xujaqulov A., Eshmuxamedov L. ORGANIZING TRAINING ON THE CAUSES OF EMERGENCY SITUATIONS, CHARACTERISTICS AND ACTION AT THE FOCUS OF INJURY //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 247-264.
33. Muradov S., Usmonov H. MEHNATNI MUHOFAZA QILISHNING RIVOJLANISH TARIXIY BOSQICHLARINI O ‘RGANISH //Interpretation and researches. – 2024.
34. Muradov S. CHEMICAL STATUS ASSESSMENT AND ANALYSIS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 455-463.
35. Muradov S. MAIN INDICATORS OF LABOR PROTECTION MEASURES EFFICIENCY //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 473-484.
36. Muradov S. STUDY AND ANALYSIS OF WORKING ACCIDENTS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 444-454.
37. Muradov S. INNOVATIVE SOLUTIONS FOR IMPROVEMENT OF WORKING CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 485-492.
38. Sirojiddin M. KTZM QO ‘LLANILADIGAN OBYEKTLARDAGI AVARIYADA KIMYOVIY HOLATNI BAHOLASH. – 2024.
39. O‘G E. L. A. A. et al. PHYSIOLOGICAL AND HYGIENE BASIS OF HUMAN LABOR ACTIVITY //International journal of advanced research in education, technology and management. – 2023. – Т. 2. – №. 11.
40. Husan o‘g‘li M. S., Shavkat o‘g‘li E. D. INNOVATIVE SOLUTIONS TO PROTEC T WORKERS FROM DANGEROUS GAS AND TOXIC SUBSTANCES IN HAZARDOUS INDUSTRY ENTERPRISES //Educational Research in Universal Sciences. – 2023. – С. 11-17.
41. Muradov S. THE SIGNIFICANCE OF ORGANIZING THE EXAMINATION OF KNOWLEDGE OF LABOR PROTECTION OF MANAGERS AND SPECIALISTS OF

INDUSTRIAL ENTERPRISES ON THE BASIS OF DIGITAL TECHNOLOGIES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 805-817.

42. Muradov S. ANALYSIS OF JOB SAFETY CATEGORY AND RULES FOR LOADING AND UNLOADING WORKERS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 788-804.
43. Muradov S. DEFINITION OF REST AND LEAVES BASED ON THE NEW LABOR CODE //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 774-787.
44. Muradov S. EMERGENCY EPIDEMIOLOGICAL, EPIZOOTIC AND EPIPHYTOTIC SITUATIONS. PARTICULARLY DANGEROUS INFECTIONS THAT CAUSE RARE DISEASES SUCH AS PLAGUE AND YELLOW FEVER //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 703-728.
45. Sirojiddin M. MEHNAT MUHOFAZASI SOHASIDAGI MAQSABLARNING IQTISODIY TAHLILI. – 2024.
46. Muradov S. EPISOTOTIC SITUATIONS, THEIR PREVENTION //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 831-851.
47. Muradov S. CAUSES, CHARACTERISTICS AND ACTIONS OF THE POPULATION IN THE FOCUSES OF DAMAGE OF EMERGENCIES OF A MAN-GENIC CHARACTER //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 729-744.
48. Рахимова Д. О. ОСНОВНЫЕ АСПЕКТЫ РЕЧЕВОГО ЭТИКЕТА У МЛАДШИХ ШКОЛЬНИКОВ //Интернаука. – 2017. – Т. 10. – №. 14 Часть 1. – С. 61.
49. Рузиева З. М., Рахимова Д. О. Воспитание творческой личности на основе изучения литературы в общеобразовательной школе //Современное образование (Узбекистан). – 2017. – №. 5. – С. 63-68.
50. Каипова Ж. М. АРНАЙЫ ПЕДАГОГТАРДЫҢ КӘСІБИ ҚҰЗЫРЕТТІЛІГІН ҚАЛЫПТАСЫРУДА АКТ ҚОЛДАНУ ЖОЛДАРЫ //ГЛОБАЛЬНАЯ НАУКА И ИННОВАЦИЯ 2021: ЦЕНТРАЛЬНАЯ АЗИЯ. – 2018.
51. Хусанова Д. Г. ЭРТА БОСҚИЧЛАРДА ИЖТИМОИЙ ЕТИМЛИКНИ ОЛДИНИ ОЛИШ ЮЗАСИДАН МАЖМУАВИЙ ИШЛАР МАЗМУНИ //ГЛОБАЛЬНАЯ НАУКА И ИННОВАЦИЯ 2021: ЦЕНТРАЛЬНАЯ АЗИЯ. – 2018.
52. Хусанова Д. Г. ЭРТА БОСҚИЧЛАРДА ИЖТИМОИЙ ЕТИМЛИКНИ ОЛДИНИ ОЛИШ ЮЗАСИДАН МАЖМУАВИЙ ИШЛАР МАЗМУНИ //ГЛОБАЛЬНАЯ НАУКА И ИННОВАЦИЯ 2021: ЦЕНТРАЛЬНАЯ АЗИЯ. – 2018

53. Rakhimova D. O., Shomurodov S. S. ON THE CRITERIA FOR ASSESSING THE QUALITY OF EDUCATION AND THE LECTURES IN THE HIGHER EDUCATION SYSTEM OF UZBEKISTAN //Global Science and Innovations: Central Asia (см. в книгах). – 2021. – Т. 8. – №. 1. – С. 58-62.
54. Рахимов О. Д., Рахимова Д. О. Форсайт исследование по прогнозированию развития цифровизации высшего образования Республики Узбекистан. – 2021.
55. Рахимов О. Д., Рахимова Д. О. Форсайт исследование по прогнозированию развития цифровизации высшего образования Республики Узбекистан. – 2021.
56. Khusenovich R. A. LAW AND PRINCIPLES OF ENERGY SAVING IN FUNDAMENTAL PHYSICS THEORIES //Academy. – 2021. – №. 5 (68). – С. 39-43.
57. Oktyabrovna R. D. BO ‘LAJAK MENEJERLARDA “FORSAYT KOMPETENTLIK” NI SHAKLLANTIRISH METODIKASI //Современное образование (Узбекистан). – 2022. – №. 3 (112). – С. 68-74.
58. Oktyabrovna R. D. TYPES AND FORMS OF ORGANIZING MANAGEMENT SCIENCE EDUCATION //European Journal of Research and Reflection in Educational Sciences. – 2022. – Т. 10. – №. 2.
59. Рахимова Д. О. БЎЛАЖАК МЕНЕЖЕРЛАР ТАЙЁРЛАШДА ФОРСАЙТ ТЕХНОЛОГИЯСИДАН ФОЙДАЛАНИШНИНГ ЗАРУРИЯТИ ВА АҲАМИЯТИ //RESEARCH AND EDUCATION. – 2022. – С. 338.
60. Шомуродов Ш. Ш. и др. МАСОФАВИЙ ТАЪЛИМДА ТАЛАБАЛАРДАМУСТАҚИЛ ИЖОДИЙ ФИКРЛАШ КОМПЕТЕНТЛИГИНИ ШАКЛЛАНТИРИШ ТЕХНОЛОГИЯСИ //TA'LIM VA RIVOJLANISH TAHLILI ONLAYN ILMIY JURNALI. – 2022. – С. 36-41.
61. Рахимова Д. О. ФОРСАЙТ ТЕХНОЛОГИЯСИНИНГ МОҲИЯТИ, МАЗМУНИ ВА ФОРСАЙТ УСЛУБЛАРИ ТАҲЛИЛИ //INTERNATIONAL CONFERENCE ON LEARNING AND TEACHING. – 2022. – Т. 1. – №. 3. – С. 95-99.
62. Рахимова Д. О. “MENEJMENT” FANINI O’QITISHDA FORSAYT TEXNOLOGIYADAN FOYDALANISH METODIKASI: Raximova Dilrabo Oktyabrovna, Qarshi muhandislik iqtisodiyot instituti “Biznes va innovatsion menejment” kafedrasi assistenti, mustaqil izlanuvchi //Образование и инновационные исследования международный научно-методический журнал. – 2022. – №. 4. – С. 154-158.

63. Oktyabrovna R. D. FORESIGHT COMPETENCE FORMATION MODEL FOR FUTURE MANAGERS //Berlin Studies Transnational Journal of Science and Humanities. – 2022. – Т. 2. – №. 1.5 Pedagogical sciences.
64. Rakhimov O. et al. Analysis of foresight competency development model components in future ecologists //E3S Web of Conferences. – EDP Sciences, 2023. – Т. 462. – С. 03049.
65. Oktyabrovna R. D. BO'LAJAK MENEJERLARDA FORSAYT KOMPETENTLIKNI RIVOJLANTIRISHDA "FORSAYT METODLARI" DAN FOYDALANISHNING ZARURIYATI //Proceedings of International Conference on Scientific Research in Natural and Social Sciences. – 2023. – Т. 2. – №. 4. – С. 146-155.
66. Рахимова Д. О., Ефименко О. В. Эффективность использования иммунотерапии в комплексном лечении острых внебольничных пневмоний у детей раннего возраста //Биология и интегративная медицина. – 2017. – №. 5. – С. 15-20.
67. Рахимов О. Д., Отакулов У. Х., Рахимова Д. О. Образовательный форсайт качества и результативности самостоятельного образования //Вестник науки и образования. – 2021. – №. 7-1 (110). – С. 69-72.
68. Rakhimov O. et al. Analysis of developmental education models in the ecological education system in Uzbekistan //E3S Web of Conferences. – EDP Sciences, 2023. – Т. 458. – С. 06020.
69. Турсунов И. Э., Рахимова Д. О. Развитие виртуального предпринимательства на основе цифровой экономики //Economics. – 2021. – №. 1 (48). – С. 14-18.
70. Rakhimov O. et al. Methodology for using forsight technology in training future ecologists in Uzbekistan //E3S Web of Conferences. – EDP Sciences, 2023. – Т. 462. – С. 03048.
71. Рахимов О. Д. и др. Неиспользуемые возможности: дистанционного образования в Узбекистане //Научный журнал. – 2021. – №. 3 (58). – С. 72-75.
72. Dustkabilovich R. O., Oktyabrovna R. D. Educational quality in the era of globalization //Проблемы науки. – 2021. – №. 1 (60). – С. 36-39
73. Рахимов О. Д., Рахимова Д. О. Форсайт исследование по прогнозированию развития цифровизации высшего образования Республики Узбекистан. – 2021.
74. Oktyabrovna R. D. FORESIGHT COMPETENCE FORMATION MODEL FOR FUTURE MANAGERS //Berlin Studies Transnational Journal of Science and Humanities. – 2022. – Т. 2. – №. 1.5 Pedagogical sciences.
75. Sultonova D. N., qizi Siddiqova M. A. COLOR SCHEME IN THE FORMATION OF THE ARTISTIC ENVIRONMENT OF THE INTERIOR OF MODERN EDUCATIONAL

CENTERS //Educational Research in Universal Sciences. – 2023. – Т. 2. – №. 14. – С. 109-115.

76. Muradov S. et al. EMERGENCY EPIDEMIOLOGICAL, EPIZOOTIC AND EPIPHYTOTIC SITUATIONS. PARTICULARLY DANGEROUS INFECTIONS THAT CAUSE INFECTIOUS AND COMMON DISEASES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 281-318.
77. Muradov S. et al. STANDARDS OF SAFETY REQUIREMENTS FOR PRESSURE CABINETS, APPARATUS AND GAS EQUIPMENT //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 159-180.
78. Husan ogli M. S., Hamidulla oʻgʻli X. X. Siddiqova Madinabonu Asatilla qizi.(2021). NEW INNOVATIVE ENGINEERING SOLUTIONS TO THE PROBLEMS OF SIGNALIZATION AND SECURITY SYSTEMS //European Journal of Life Safety and Stability (2660-9630). – Т. 2. – С. 28-30.
79. Muradov S. et al. STUDY OF THE HISTORICAL STAGES OF THE SCIENCE OF LABOR PROTECTION //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 350-365.
80. Muradov S. et al. CHECKING KNOWLEDGE OF LABOR PROTECTION //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 386-400.
81. Muradov S. et al. MOVEMENT OF CHICTONIC PLATES, ORIGIN OF EARTHQUAKES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 401-415.
82. Muradov S. et al. MAIN CONTENT AND COMPONENT PARTS OF THE SCIENCE" SAFETY OF CONSTRUCTION OF BUILDINGS AND CONSTRUCTIONS" //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 335-349.
83. Muradov S. et al. ANALYSIS OF SECURITY CATEGORY AND RULES FOR CARRIERS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 366-385.
84. Muradov S. et al. ADMINISTRATIVE BUILDINGS AND THEIR REQUIREMENTS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 257-280.
85. Muradov S. et al. STABILITY CALCULATION OF LOAD LIFT VEHICLES //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 205-234.
86. Muradov S. et al. CONTENT AND ESSENCE OF THE LAW AND LEGAL DOCUMENTS ON THE PROTECTION OF THE POPULATION AND TERRITORIES FROM EMERGENCIES //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 168-204.

87. Muradov S. et al. CAUSES OF NATURAL EMERGENCIES //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 92-130.
88. Muradov S. et al. ANALYSIS OF SAFETY REQUIREMENTS OF EQUIPMENT WORKING UNDER HIGH PRESSURE //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 131-167.
89. Qizi S. M. A. et al. O 'QUV BINOLARI VA O 'QUV MARKAZLARINI RANG YECHIMINI RAQAMLI TEXNOLOGIYALAR HAMDA SUN'IY INTELLEKT ORQALI LOYIHALASH //Raqamli iqtisodiyot (Цифровая экономика). – 2024. – №. 6. – С. 325-332.
90. Qizi S. M. A., Namazovna S. D. JAMOAT BINOLARI VA O 'QUV MARKAZLARI UCHUN TASVIRIY SAN'AT VA RANG YECHIMINI LOYIHALASHDA RAQAMLI TEXNOLOGIYALARNING O 'RNI //Raqamli iqtisodiyot (Цифровая экономика). – 2024. – №. 6. – С. 333-340.
91. Muradov S. et al. NATURAL EMERGENCIES, INFECTIOUS DISEASES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 416-441.
92. Мурадов С., Каримов Б., Сиддиқова М. ПРОБЛЕМЫ ТУШЕНИЯ ПОЖАРОВ КЛАССА //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 600-618.
93. Muradov S., Karimov B., Siddiqova M. FAVQULODDA VAZIYATLARNING VUJUDGA KELISHI SABABLARI, VA FAVQULODDA VAZIYATLARDA HARAKAT QILISHGA O 'RGATISHNI TASHKIL ETISH //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 554-573.
94. Muradov S., Karimov B., Siddiqova M. MEHNATNI MUHOFAZA QILISHDA YUK KO 'TARISH VOSITALARINI MUSTAHKAMLIKKA HISOBLASH //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 636-655.
95. Muradov S., Karimov B., Siddiqova M. FAVQULODDA VAZIYATLAR VA ULARNING TURLARI, TABIIY TUSDAGI FAVQULODDA VAZIYATLAR //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 656-680.
96. Muradov S., Karimov B., Siddiqova M. ISHLAB CHIQARISHDA O 'TA YUQORI BOSIM OSTIDA ISHLOVCHI USKUNLARNING XAVFSIZLIK TALABLARI TAXLILI TEXNIK ASOSLARI //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 681-703.

97. Muradov S., Siddiqova M., Karimov B. KIMYOVIY AVARIYA HOLATINI BAHOLASH VA TAXLIL QILISH //Modern Science and Research. – 2024. – T. 3. – №. 5.
98. Muradov S., Siddiqova M., Karimov B. LABOR PROTECTION MEASURES EFFICIENCY //Modern Science and Research. – 2024. – T. 3. – №. 5. – C. 774-793.
99. Muradov S., Siddiqova M., Karimov B. KUCHLI TA’SIR ETUVCHI ZAHARLI MODDALAR AVARIYALARIDA KIMYOVIY HOLATNI BAHOLASH //Modern Science and Research. – 2024. – T. 3. – №. 5.
100. Muradov S., Karimov B., Asatilla M. MAMURIY BINOLAR VA ULARNING TAVSIFLANISHI //Modern Science and Research. – 2024. – T. 3. – №. 5.
101. Мурадов С., Каримов Б., Сиддиқова М. ОТПУСКОВ НА ОСНОВАНИИ НОВОГО ТРУДОВОГО КОДЕКСА //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 619-635.
102. Muradov S., Siddiqova M., Karimov B. CONDITIONS AND ENVIRONMENT THROUGH THE KAIZEN METHOD //Modern Science and Research. – 2024. – T. 3. – №. 5. – C. 794-808.
103. Muradov S., Karimov B., Siddiqova M. QURILISH ASHYOLARINING MEXANIK XOSSALARI //NEW RENASSAINCE CONFERENCE. – 2024. – T. 1. – №. 4. – C. 144-164.
104. Muradov S., Karimov B., Siddiqova M. QURILISH ASHYOLARINING TUZILISHI VA TASNIFI //NEW RENASSAINCE CONFERENCE. – 2024. – T. 1. – №. 4. – C. 98-121.
105. Muradov S., Karimov B., Siddiqova M. QURILISH ASHYOLARI TARKIBINI ILMIY ASOSLASH USULLARI //NEW RENASSAINCE CONFERENCE. – 2024. – T. 1. – №. 4. – C. 122-143.
106. Muradov S., Siddiqova M., Karimov B. STUDY AND ANALYSIS OF ACCIDENTS IN INDUSTRIAL ENTERPRISES //Modern Science and Research. – 2024. – T. 3. – №. 6. – C. 16-31.
107. Muradov S., Siddiqova M., Karimov B. PARTICULARLY DANGEROUS INFECTIONS THAT CAUSE CONTAGIOUS AND COMMON DISEASES //Modern Science and Research. – 2024. – T. 3. – №. 6. – C. 32-64.
108. Muradov S., Karimov B., Siddiqova M. FAVQULODDA VAZIYATLARDA TIZIMIGA DOIR QONUNCHILIK //Modern Science and Research. – 2024. – T. 3. – №. 5. – C. 574-599.

109. Muradov S., Karimov B., Asatilla M. “BINO VA INSHOOTLARNI XAVFSIZLIGI” FANINING ASOSIY MAZMUNI //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 809-824.

110. Dustkabilovich R. O. et al. Modern lectures and methods of organizing problematic lectures //Проблемы науки. – 2020. – №. 2 (50). – С. 46-49.

111. Хужакулов А. Х. Значение инновационных технологий в организации самостоятельной работы студентов в системе высшего образования //Вестник науки. – 2023. – Т. 2. – №. 4 (61). – С. 113-117.

112. Рахимов О. Д. и др. Неиспользуемые возможности: дистанционного образования в Узбекистане //Научный журнал. – 2021. – №. 3 (58). – С. 72-75.

113. Rakhimov O. et al. Methodology for using forsight technology in training future ecologists in Uzbekistan //E3S Web of Conferences. – EDP Sciences, 2023. – Т. 462. – С. 03048.

114. Каримов С. М. и др. Нормативно-правовая база в области гражданской защиты в Республике Узбекистан //Теоретические и прикладные вопросы комплексной безопасности: Материалы. – 2019. – С. 36.

115. Rashidov N. S. et al. Stepped plow with cutting disc for tillage of sloping fields //IOP Conference Series: Earth and Environmental Science. – IOP Publishing, 2022. – Т. 1076. – №. 1. – С. 012023.

116. Хужакулов А. Х. У. Использование серы в сельском хозяйстве Узбекистана и обучение требованиям безопасности //Проблемы науки. – 2021. – №. 6 (65). – С. 96-102.

117. Berdimuratov P. et al. Seeder of exact seeding of seeds of cotton on the crest with drip irrigation //E3S Web of Conferences. – EDP Sciences, 2021. – Т. 264. – С. 04044.

118. Норбаев Э. К., Хужакулов А. Х. У. Доля затрат на эксплуатацию техники для подготовки кормов //Life Sciences and Agriculture. – 2020. – №. 4. – С. 21-24.

119. Muradov S., Xujaqulov A., Eshmuxamedov L. ORGANIZING TRAINING ON THE CAUSES OF EMERGENCY SITUATIONS, CHARACTERISTICS AND ACTION AT THE FOCUS OF INJURY //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 247-264.

120. Muradov S. et al. EMERGENCY EPIDEMIOLOGICAL, EPIZOOTIC AND EPIPHYTOTIC SITUATIONS. PARTICULARLY DANGEROUS INFECTIONS THAT CAUSE CONTAGIOUS AND COMMON DISEASES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 52-89.

121. Muradov S. et al. STANDARDS OF SAFETY REQUIREMENTS FOR PRESSURE CABINETS, APPARATUS AND GAS EQUIPMENT //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 159-180.
122. Xakim o‘g‘li X. A. MUHANDISLIK YO ‘NALISHI TALABALARING UMUMKASBIY TAYYORGARLIGIGA QO ‘YILGAN TALABLAR //PROSPECTS AND MAIN TRENDS IN MODERN SCIENCE. – 2023. – Т. 1. – №. 6. – С. 60-63.
123. Muradov S. et al. NATURAL EMERGENCIES, INFECTIOUS DISEASES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 416-441.
124. Muradov S. et al. MOVEMENT OF CHICTONIC PLATES, ORIGIN OF EARTHQUAKES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 401-415.
125. Muradov S. et al. STUDY OF THE HISTORICAL STAGES OF THE SCIENCE OF LABOR PROTECTION //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 350-365.
126. Muradov S. et al. CHECKING KNOWLEDGE OF LABOR PROTECTION //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 386-400.
127. Muradov S. et al. MAIN CONTENT AND COMPONENT PARTS OF THE SCIENCE" SAFETY OF CONSTRUCTION OF BUILDINGS AND CONSTRUCTIONS" //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 335-349.
128. Muradov S. et al. ANALYSIS OF SECURITY CATEGORY AND RULES FOR CARRIERS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 366-385.
129. Muradov S. et al. ADMINISTRATIVE BUILDINGS AND THEIR REQUIREMENTS //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 257-280.
130. Muradov S. et al. EMERGENCY EPIDEMIOLOGICAL, EPIZOOTIC AND EPIPHYTOTIC SITUATIONS. PARTICULARLY DANGEROUS INFECTIONS THAT CAUSE INFECTIOUS AND COMMON DISEASES //Modern Science and Research. – 2024. – Т. 3. – №. 2. – С. 281-318.
131. XUJAQULOV A. QISHLOQ XO ‘JALIGI SOHASIDA BO ‘LAJAK MUTAXASSISLARNI KASB TANLASH VA KASBIY SHAKLLANISHINING PSIXOLOGIK MUAMMOLARI //News of UzMU journal. – 2024. – Т. 1. – №. 1.3. 1. – С. 230-233.
132. Xujaqulov A. IXTISOSLIK FANLARINI O ‘QITISHDA TALABALARNING TEXNIK IJODKORLIGINI RIVOJLANTIRISHDA PEDAGOGIK SHART-SHAROITLAR //Interpretation and researches. – 2024.

133. Xakim o'g'li X. A. SANOAT KORXONALARIDAN CHIQAYOTGAN ZARARLI GAZLARNING SANOAT RAYONLARIDA YASHOVCHI AHOLINING SALOMATLIGIGA TA'SIRI //IJODKOR O'QITUVCHI. – 2024. – Т. 3. – №. 36. – С. 28-31.
134. Xakim o'g'li X. A. UMUMKASBIY FANLARNI O 'QITISH ORQALI TALABALAR TOMONIDAN SHAKLLANADIGAN TADQIQOTCHILIK QOBILIYATLARI //INNOVATION IN THE MODERN EDUCATION SYSTEM. – 2023. – Т. 3. – №. 35. – С. 321-326.
135. Khujaqulov A. K. ANALYSIS OF RADIOACTIVE DAMAGE TO SURFACES AND INDIVIDUALS //Innovative Development in Educational Activities. – 2023. – Т. 2. – №. 18. – С. 145-149.
136. Шоназаров Ж. У., Хужакулов А. Х. ТВОРЧЕСКАЯ И ИННОВАЦИОННАЯ ДЕЯТЕЛЬНОСТЬ БУДУЩЕГО ПРЕПОДАВАТЕЛЯ И СПОСОБЫ ДОСТИЖЕНИЯ ПРОФЕССИОНАЛЬНЫХ НАВЫКОВ //Вестник науки. – 2020. – Т. 1. – №. 12. – С. 55-60.
137. Muradov S. et al. STABILITY CALCULATION OF LOAD LIFT VEHICLES //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 205-234.
138. Muradov S. et al. CONTENT AND ESSENCE OF THE LAW AND LEGAL DOCUMENTS ON THE PROTECTION OF THE POPULATION AND TERRITORIES FROM EMERGENCIES //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 168-204.
139. Muradov S. et al. ANALYSIS OF SAFETY REQUIREMENTS OF EQUIPMENT WORKING UNDER HIGH PRESSURE //Modern Science and Research. – 2024. – Т. 3. – №. 5. – С. 131-167.
140. Otabek M. et al. Dynamics And Stability Of A Composite Feed Cylinder In The Feeding Area Of Rotor Spinning Machines //Journal of Pharmaceutical Negative Results. – 2023. – С. 1152-1157.
141. Рахимов О. Д., Тогаев Ж. Х., Хужакулов А. Х. У. Усовершенствованный кормонасос для фермерских хозяйств //Academy. – 2019. – №. 6 (45). – С. 25-27.
142. Рахимов, О. Д. "Тогаев ЖХ, Хужакулов АХ Усовершенствованный кормонасос для фермерских хозяйств." Москва. Журнал «Academy 6 (2019): 45.
143. Rakhimov O. D., Togaev Z. K., Khuzhakulov A. K. Improved feed pump for farms //Akademy. – 2019. – Т. 6. – №. 45. – С. 25-27.

144. Жураев М. Н. и др. Кластер тармоқлари учун автомобил транспортида ташиш жараёнларини бошқариш моделларини шакллантириш //O'zbekistonda fanlararo innovatsiyalar va ilmiy tadqiqotlar jurnali. – 2023. – Т. 2. – №. 19. – С. 1318-1323.
145. Hamroyev O., Togaev J., Keldiyorov R. N. Installation for testing the ability of oil-oxidizing microorganisms //E3S Web of Conferences. – EDP Sciences, 2023. – Т. 417. – С. 02015.
146. Zhuraev M., Togaev J., Yusufkhonov Z. Management of consumers needs for volume of transportation, taking into account the probable nature //E3S Web of Conferences. – EDP Sciences, 2023. – Т. 401. – С. 01066.
147. Норбаев Э. Қ., Тоғаев Ж. Х. ОЗИҚА УЧУН ТЕХНИКАЛАРДАН ФОЙДАЛАНИШДАГИ ҲАРАЖАТЛАР УЛУШИ //ББК 1 Е91. – 2019. – С. 131.
148. Тоғаев Ж. Х., Жураев М. Н., Назарова В. Ҳ. АВТОМОБИЛ ТРАНСПОРТИДА ОЗИҚ-ОВҚАТ МАҲСУЛОТЛАРИНИ ТЕРМИНАЛ ТАШУВЛАР АСОСИДА ЕТҚАЗИБ БЕРИШНИ ТАКОМИЛЛАШТИРИШ //O'ZBEKISTONDA FANLARARO INNOVATSIYALAR VA ILMIY TADQIQOTLAR JURNALI. – 2023. – Т. 2. – №. 19. – С. 1143-1151.
149. Сарвирова Н. С., Саматов Г. А., Тогаев Ж. ИННОВАЦИОННОЕ РАЗВИТИЕ В АГРОЛОГИСТИКЕ //Актуальные проблемы экономики и управления на предприятиях машиностроения, нефтяной и газовой промышленности в условиях инновационно-ориентированной экономики. – 2020. – Т. 1. – С. 175-185.
150. Жураев М. Н., Тогаев Ж. Х. МЕТОДИКА ЭФФЕКТИВНОГО РАСПРЕДЕЛЕНИЯ ПРОВОЗНЫХ ВОЗМОЖНОСТЕЙ АВТОТРАНСПОРТНЫХ СРЕДСТВ НА РАДИАЛЬНЫЕ МАРШРУТЫ //Актуальные проблемы экономики и управления на предприятиях машиностроения, нефтяной и газовой промышленности в условиях инновационно-ориентированной экономики. – 2020. – Т. 1. – С. 116-124.
151. Тогаев Ж. PHYSIOLOGICAL AND HYGIENE BASIS OF HUMAN LABOR ACTIVITY //NRJ. – 2024. – Т. 1. – №. 4. – С. 96-103.
152. Tog‘ayev J. MEHNAT MUHOFAZASI VA XAVFSIZLIK TEXNIKASI BO ‘YICHA YO ‘RIQNOMALARNI O ‘TKAZISH METADOLOGIYASI //NRJ. – 2024. – Т. 1. – №. 4. – С. 104-110.