

Head of the department:

PhD, Egamberdiev Nodir Abdunazarovich

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In today's world, digital technologies play a crucial role not only in our daily lives but also in various sectors such as the socioeconomic sphere, industry, taxation, healthcare, education, banking, finance, public administration, transportation, and trade. As a result, integrating digital technologies across all fields, modernizing existing information systems, and training competitive professionals have become essential.

The **Department of Convergence of Digital Technologies** was established by the University Council (Decision No. 9(731)/1(732) dated August 31, 2023), through the merger of the Departments of Information Technology and Postal Communication. The department's mission is to train specialists equipped with the theoretical knowledge, modern tools, and technologies necessary for designing, developing, integrating, and testing complex information systems that meet international standards and industry requirements.

The department offers a various programs focusing on various aspects of digital technologies, including computer science, information systems, big data processing, database management, and cloud technologies. Each program is designed to combine basic knowledge with real-world experience, while fostering cooperation with other universities and organizations, giving students a chance to learn and practice in many areas.

Our department consists of experienced professors and lecturers who are committed to supporting students in their academic and professional growth. They share the latest knowledge and provide personal and professional guidance to help students do well in their chosen fields.

Bachelor's degree

60610100

Information Systems and Technologies

60610500

Computer Engineering (IT Services)

60610800

Postal Communication Technology

Master's degree

70610101

Computer Engineering (Applied Software Design)

70610502

E-Government Management

70611401

Organization and Technology of Postal Communication

DEPARTMENT COURSES:

Bachelor's degree:

- Database;
- E-Government;
- Database Management;
- Data Recovery;
- IT Project Management;
- E-Business Technologies;
- Big Data Management;
- Cloud Technologies;
- Information Systems Design Management;
- Digital Technologies and Artificial Intelligence;
- Systems Analysis;
- Postal Communication Technology;
- International Postal Service;
- Digital Logistics;
- Postal Communication Infrastructure;
- Transport and Customs Logistics;
- Analysis and Design of Logistics Systems;
- Security and Quality of Postal Services;
- Automated Systems in Postal Communication;
- Advanced Technologies in Postal and Logistics Engineering.

Master's degree

- E-Government Concept;
- E-Government System Design;
- Data Mining;
- Information Systems Infrastructure;
- New IT Product Development Technologies.

PROFESSORS AND TEACHERS OF THE DEPARTMENT

- Egamberdiev Nodir Abdunazarovich – Head of Department
- Anarova Shahzoda Amanbaevna – Professor
- Byun Jeongyong – Professor
- Saidov Abdusobirjon Abdurakhmonovich – Professor
- Yakubov Maqsadhan Sultaniyazovich – Professor
- Alimova Fotima Muratovna – Associate Professor
- Malikova Nodira Turgunovna – Associate Professor
- Nazarova Gulchehra Nurmukhanbetovna – Associate Professor
- Khurramova Ra'no Ibragimovna – Associate Professor
- Juraev Tulkindjon Boysoatovich – Senior Lecturer
- Kuznetsova Viktoriya Borisovna – Senior Lecturer

- Kuvnakov Avaz Ergashovich – Senior Lecturer
- Mukhtarova Gulnora Khatamovna – Senior Lecturer
- Rahimova Sevara Gayratovna – Senior Lecturer
- Yuldashev Rahman Khusanovich – Senior Lecturer
- Sodikov Vali Salim oqli – Assistant
- Ismoilova Maftuna Ilkhom kizi – Assistant
- Khudayberdiev Rakhmatillo Fazilliddinovich – Assistant
- Tukhtasinov Adhamjon Ilkhomjon oqli – Assistant

DOCTORAL STUDENTS OF THE DEPARTMENT

- Naim Nodira Abdusalolovna
- Abdullayev Mukhammadali Abdulahadovich
- Bekmurodova Mukhayyo Shukrullayevna
- Bekmukhammadov Bunyodbek Nurmukhammadovich
- Bobokulov Abbos Dilshodovich
- Fayzullayev Shakhzod Shukhratovich
- Uralova Iroda Abduvalievna

SCIENTIFIC RESEARCH WORKS OF THE DEPARTMENT:

Development of a scientific basis for the analysis and processing of large amounts of data based on cellular automata

Project type: Foundation project

Committed funds: 1.5 billion in 2021-2024

THE DEPARTMENT'S RESEARCH, PUBLISHED IN INTERNATIONAL SCIENTIFIC JOURNALS AND INDEXED IN SCOPUS AND WEB OF SCIENCE

1. Egamberdiyev N., Mukhamedieva D., Khasanov U., Presentation of preferences in multi-criterional tasks of decision-making // IOP Conf. Series: Journal of Physics, <https://doi.org/10.1088/1742-6596/1441/1/012137> , 2021.
2. Dilnoz Muhamediyeva, Nodir Egamberdiyev. An application of Gauss neutrosophic numbers in medical diagnosis // International Conference on Information Science and Communications Technologies: Applications, Trends and Opportunities/ ICISCT 2021, November 3-5, 2021.
3. Mukhamedieva D.T, Egamberdiev N.A, Zokirov J.Sh., Mathematical support for solving the classification problem using neural network algorithms // Turkish Journal of Computer and Mathematics Education. Vol.12 No.10 (2021).
4. Anarova, Sh.A., Ibrohimova, Z.E., Narzulloyev, O.M., Qayumova, G.A. Mathematical Modeling of Pascal Triangular Fractal Patterns and Its Practical Application. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2021, 12615 LNCS, стр. 390-399
5. Anarova, Sh.A., Ismoilov, S.M., Abdirozиков, O.S. Kafedra mudiri Software of Linear and Geometrically Non-linear Problems Solution Under Spatial Loading of Rods of Complex Configuration. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2021, 12615 LNCS, стр. 380-389

6. Anarova Sh.A., Ismoilov Kafedra mudiri Nonlinear mathematical model of stress–deformed state of spatially loaded rods with account for temperature AIP Conference Proceedings 2021, 2365, 070019
7. Jumaniyozov, Sh.Redjepov.2D Pentagonal von Neumann Cellular Automata with Periodic Boundary International Conference on Information Science and Communications Technologies Applications, Trends and Opportunities ICISCT 2021. 3–5 November, 2021.
8. Selman Uguz, Shovkat Redjepov, UgurSahin 2D periodic CA rules over Z2 and applications of image processing International Conference on Information Science and Communications Technologies Applications, Trends and Opportunities ICISCT 2021. 3–5 November, 2021.
9. Yakubov Maksadkhan Sultaniyazovich, Tuychiev Shavkat Shokirovich. Basic Principles of JIT Logistics Control of Information and Freight Flows International Journal of Trend in Scientific Research and Development (IJTSRD)Volume 5 Issue 6, September–October 2021 Available Online: www.ijtsrd.com e-ISSN: 2456 – 6470. 1238–1242 r.
10. Toshpulatov A.M..Методы и средства, а также формирования способностей допризывной подготовки молодёжи к прохождению военной службы Innovation in the modern education system : a collection scientific works of the International scientific conference (25 th November, 2021) – Washington, USA: "CESS", 2021. Part 12 – 390 p. 90–103 s.
11. Abdul–Azalova Makhina Yashnarovna. Integrated assessment of enterprise business processes: a fuzzymultiple approach THE JOURNAL OF ACADEMIC RESEARCH IN EDUCATION ISSN 2181–1385VOLUME 2, ISSUE 9SEPTEMBER 2021. DOI: 10.24412/2118–1385–2021–9–764–770.
12. Khujakulov Toshtemir Abdikhafizovich Gaipnazarov Rustam Takhiridinovich Azimova Umida Asrolovna, Kholmuminov Fazliddin Nuriddin Ugli CONCEPTS OF HYDRO GEOLOGICAL OBJECTS ON THE CONSTRUCTION OF THE MACRO MODE OF A MULTISTAGE PROCESS European Journal of Molecular & Clinical Medicine Volume 08, ,2021
13. Khujakulov Toshtemir Abdikhafizovich..Methods of mechanical and physical–chemical treatment of the level of pollution of branched water resources International Journal of Mechanical Engineering 2021.
14. Xamdamirov O‘.R., Mirzaev A.E., Xalilov S.P, Use of Spline models in the Analysis of Signals collected during the measurement of Technological Processes International Journal of Advanced Trends in Computer Science and Engineering ISSN 2278–3091 Volume 9, No.4, July – August 2020. <https://doi.org/10.30534/ijatcse/2020/3894>. 2020.
15. U, Abdullayev. A, Mukhiddinov. M, Xalilov S.P. Algorithms of Multidimensional Signals Processing based on Cubic. Basis Splines for Information Systems and Processes Journal of Applied Science and Engineering, Vol. 24, No 2, Page 141–150.
16. Atadjanova M.P., Xujakulov T.A. Характеристики использования микроорганизмов для биоиндикаторов “Modern movement of Science”, 12th International Scientific and Practical Internet Conference, April 1–2, 2021.–Dnepr, Ukraine–2021.–T/2/–512 с.
17. Xujakulov T.A. Анализ разветвленных показателей качества воды. “Modern movement of Science”, 12th International Scientific and Practical Internet Conference, April 1–2, 2021.–Dnepr, Ukraine–2021.–T/2/–512 с.
18. Xo‘jaqulov T.A . Modeling the water resources contamination level in open nodes “European Journal of Molecular Clinical Medicine”. Volume 07, Issue 07. Europa, London – 2020. – P. 673–680
19. Xo‘jaqulov T.A . Concepts of hydro geological objects on the construction of the macro mode of a multistage process “European Journal of Molecular Clinical Medicine”. Volume 08, Issue 02. Europa, London – 2021. – P. 408–415.
20. Xo‘jaqulov T.A . Очистка сточных вод промышленных предприятий моделированием полианилиновых сорбционных материалов “Colloquium–journal”. № 3 (55). Warszawa, Polska –2020 y. – С. 113–116.
21. Xo‘jaqulov T.A . Concepts of building a macro mode of multi–stage process “Colloquium–journal”. № 3 (55). Warszawa, Polska – 2020 y. – P. 117–124.

22. Xo'jaqulov T.A . Development of algorithm of priority estimation of parameters for building models "Bulletin of TUIT: Management and Communication Technologies". Volume 3. Tashkent -2021. -P.1-3.
23. Abdul-Azalova. Business processes optimization in e-commerce International Journal of Advanced Research in Science, Engineering and Technology. ISSN: 2350-0328 Vol. 7, Issue 9 , September 2020.
24. Yakubov., M.Ya. Abdul-Azalova, U.R. Kubaev. ANALYSIS OF BLOCKCHAIN TECHNOLOGY USAGE FOR BUSINESS PROCESS MANAGEMENT Journal of Education for Business in Vol. 96, Issue 3, 2021.
25. Xo'jaqulov T.A., Gapnazarov R.T., Azimova U.A. Concepts of hydro geological objects on the construction of the macro mode of a multistage process "European Journal of Molecular Clinical Medicine". Volume 08, Issue 02. Europa, London - 2021. - P. 408-415.
26. Mahamatov, A.Kuvnakov, B.Yokubov .Application of Blockchain Technology in Higher Education. IEEE 2020 International Conference on Information Science and Communications Technologies (ICISCT), 4-6 Nov. 2020. TUIT. DOI: 10.1109/ICISCT50599.2020.9351424
27. Kuznetsova V, Azimova U, Muxtarova G. The algorithm project research and modeling of information systems "Bulletin of TUIT: Management and Communication Technologies". Volume 3. Tashkent -2021. -P.1-3.
28. Kuznetsova V., Azimova U., Muxtarova G. Methodological aspects of distance learning for developing the Professional competence of students of the direction "computer engineering» "Bulletin of TUIT: Management and Communication Technologies". Volume 3. Tashkent -2021. -P.1-3.

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DEPARTMENTAL RESEARCH PUBLISHED IN LOCAL SCHOLARLY JOURNALS

1. Egamberdiev N.A, Toshtemirov Z.N., Berdiyev M.R., Neutrosophic fuzzy sets analysis in data mining. Innovative research in modern education 1 (4), 2023, pp 35-38
2. Egamberdiev N.A, Xolmuminov O.T., Ochilov X.R., Choosing an efficient algorithm for solving the classification problem. Theoretical aspects in the formation of pedagogical sciences 1 (4), 2022. pp. 154-158
3. Анарова Ш.А, Исмоилоа Ш.М., Шокиров Д.А. // Усовершенствованный алгоритм расчета напряженно-деформированного состояния стержней произвольной геометрической формы в условиях пространственных нагрузок с учетом температуры. Проблемы вычислительной и прикладной математики. 2021. Vol.3, №33. с. 29-43. (05.00.00; №23).
4. Djuraev T.B. Imitation models of the railway organization for railway transport flows TASHKENT STATE TECHNICAL UNIVERSITY NAMED AFTER ISLAM KARIMOV. TECHNICAL SCIENCE AND INNOVATION, №4(10) Tashkent 2021 page 201-207.
5. , A.E.Kuvnakov, T.B.Djuraev. MNP tizimini kiritishni rejalashtirgan mobil operatorlar ishf aoliyati modeli. Karshi davlat universiteti xabarlari. Ilmiy nazariy va amaliy jurnal. "KarDUxabarlari" №1. 2022.
6. Mirzaev A.E., Axmadjonov I.K. "Создание многопользовательских сетевых игр с помощью веб технологий». Та'lim fidoiylari respublika ilmiy-uslubiy jurnali Toshkent 2021 yil 289-295b
7. Mirzaev A.E., Axmadjonov I.K. "Технология веб стеков для создания сетевых игр и систем реального времени». Та'lim fidoiylari respublika ilmiy-uslubiy jurnali Toshkent 2021 yil 296-302b
8. Yakubov Maksadxon Sultaniyazovich, Turaxanov Akrom Abdullaxakimovich Toshpulatov Abrorjon Mirxokimovich. Основные направления военно-патриотического воспитания допризывной подготовки молодёжи к прохождению военной службы O'zbekistonda fanlararo innovatsiyalar va ilmiy tadqiqotlar"jurnali«BEST PUBLICATION» Ilm-ma'rifat markazi ©. 10-Oktyabr, 2021-YIL2-son, 2-qism O'zbekiston2021 58-65 s.
9. Yakubov M.S., Turaxanov A.A., Toshpulatov A.M. Методы и средства формирования способностей

- начальной допризывной подготовки молодёжи к прохождению военной службы. Ijodkor o'qituvchi jurnali. 5 noyabr / 2021 yil. /12-son/ 491-496 b.
10. Alimova F.M., Naim N.A Model sistemi integrironganani boshqarish natijalari kompetentniylikni baholash uchun. Muhammad al Xorazmiy avlodlari, ilmiy amaliy va axborot tahliliy jurnali, 3 (17) 2021.- S - 152-156.
 11. Alimova F.M Determination of student competence level based on "KSQ". Journal of Technical science and innovation 2021.
 12. Abdul-Azalova Makhina Yashnarovna, Hamidov H.A. The algorithm for sequence describing of enterprise business processes. Tarmoqlar, Texnologiyalar, Yechimlar. O'zbekiston Respublikasi axborot texnologiyalari va kommunikatsiyalarini rivojlantirish vazirligi, "UNICON.UZ" DUK -Fan-texnika va marketing tadqiqotlari markazi. 2(58) 2021. 31-35 bb.
 13. Anarova Sh. A., Beknazarova S.S., Qayumova G.A. Zamonaviy o'quv jarayonini takomillashtirishda pedagogning shaxsiy va kasbiy o'zini o'zi rivojlantirishning fraktal metodologiyasi. Zamonaviy ta'lim, №5 (102). 2021. -B.9-16.
 14. Anarova Sh.A., Beknazarova S.S., Qayumova G.A. "Kompyuter grafikasi" fanini o'qitishda fraktal pedagogikaning nohiziqchilik tamoyilini qo'llash. Oliy ta'lim taraqqiyoti istiqbollari. O'zbekiston Respublikasi Erasmus+ ekspertlarining ilmiy-metodik jurnali, №10, 2021 yil.
 15. Anarova, Sh. A. Sadullayeva, G'R. Berdiyev. Kafedra mudiri. Murakkab fraktal tuzilishli me'moriy ob'ektlarni R-funksiyava L-tizimlari usullari asosida geometrik modelashtirish "Arxitektura, qurilish va dizayn ilmiy-amaliy jurnali" Toshkent - 2021. № 2(16). 93-97 b. 1.
 16. Анарова Ш.А., Иброхимова З.Э., Саидкулов Э.А. // Kafedra mudiri Метод R-функция и построение уравнений фракталов Научно-инновационный центр информационно-коммуникационных технологий. Проблемы вычислительной и прикладной математики № 4(34) 2021, 36-46 с.
 17. Анарова Ш.А., Иброхимова З.Э., Саидкулов Э.А. Фрактальная обработка и определение фрактальной размерности изображения. Научно-инновационный центр информационно-коммуникационных технологий. Проблемы вычислительной и прикладной математики № 5(35) 2021, 52-68 с.
 18. Анарова Ш.А., Нарзуллоев О.М., Бекмуродова М.Ш. Фрактал тuzилишли объектларни арифметик хусусиятлари биномиал кўпхадлар усулида геометрик моделлаштириш ва ўлчовини ҳисоблаш. Мухаммад ал-Хоразми авлодлари, № 1(15), 2021, 142-147 б.

RESEARCH AND DEVELOPMENT OF TEACHING MATERIALS: THE DEPARTMENT'S PUBLICATIONS

1. Anarova Sh.A..Fraktallar nazariyasi fraktal grafika. Toshkent, 2021. Tafakkur tomchilari - 256 b.
2. Xo'jakulov, R.T.Gaipnazarov, M.Turg'unov. Qaror qabul qilish tizimlari. Toshkent 2021 y. 168 b.
3. Xo'jakulov "Ma'lumotlar bazasini boshqarish tizimlari" Toshkent 2021 y. 220 b.
4. Xo'jakulov, R.T.Gaipnazarov, A.A.Kaxorov. Muammo Tahlili Va Yechim.Toshkent 2022 y. 168 b.
5. A.Xujakulov "База Данных". Toshkent -2022 y. 222 b.
6. Alimova, M.A. Kushmanova, N.A. Naim. Big data. 2021 y.(grifli).Fan va texnologiyalar nashriyot-matbaa uyi 162 b.
7. Anarova Sh.A., Nuraliev F.M.. Fraktallar nazariyasi fraktal grafika. O'quv qo'llanma. Toshkent, 2021. Tafakkur tomchilari - 228 b.
8. Xo'jakulov, R.T.Gaipnazarov, A.A.Kaxorov. Qaror qabul qilish tizimlari. Toshkent -2021 й. 168 б Ўқув қўлланма.
9. Mirzayev., Xalilov S.P., Naim N. Axborot texnologiyalari asoslari. Toshkent 2021. grif 500/5-059
10. Yakubov, H.N.Zaynidinov., R.H.Yuldashev, N.Malikova "Elektron hukumat" fanidan o'quv qo'llanma.
11. Zaynidinov., F.M.Alimova "e- biznes asoslari va mobil e - biznes" fanidan o'quv qo'llanma.
12. Zaynidinov., F.K.Tursunbaev., M.Ya.Abdul-Azalova "Biznes strategiya va axborot kommunikatsiya tizimi" fanidan o'quv qo'llanma.
13. Zaynidinov., T.A.Xo'jaqulov. M.P Atadjanova, Sun'iy intellekt fanidan amaliyot ishini bajarish bo'yicha

- uslubiy ko'rsatma
14. Xo'jaqulov. A.A Kaxorov. Muammo tahlil va yechim fanidan laboratoriya ishlarini bajarish bo'yicha uslubiy ko'rsatma
 15. Xo'jaqulov ., Usmonov J.T. Ma'lumotlar bazasini boshqarish tizimi fanidan laboratoriya ishlarini bajarish bo'yicha uslubiy ko'rsatma.
 16. Xo'jaqulov. Loyihani boshqarish fanidan amliyot ishlarini bajarish bo'yicha uslubiy ko'rsatma
 17. Alimova, T.A.Xo'jaqulov, J.T. Usmonov. Axborot texnologiyalari xizmatlari injiniringi va xizmatlarni boshqarish fanidan kurs ishini bajarish bo'yicha uslubiy ko'rsatma.
 18. Xo'jaqulov, M.P. Atadjanova. Sun'iy intellekt fanidan laboratoriya ishini bajarish bo'yicha uslubiy ko'rsatma.
 19. T.A.Хўжақулов. Системы управления базами данных (учебник).
 20. A.Xo'jaqulov. Muammo tahlili va yechim fanidan o'quv qo'llanma.
 21. A.Xo'jaqulov. Muammo tahlili va yechim fanidan amaliyot ishini bajarish bo'yicha uslubiy ko'rsatma.
 22. A.Xo'jaqulov. Loyihani boshqarish fanidan o'quv qo'llanma.
 23. A.Xo'jaqulov, J.T.Usmonov. Ma'lumotlar bazasini boshqarish tizimlari fanidan o'quv qo'llanma.
 24. T.A.Хужақулов, А.К.Эргашев. Р.Т.Гаипназаров. Управления проектами (учебник).
 25. A.Xo'jaqulov. N.Malikova Sun'iy intellekt fanidan o'quv qo'llanma
 26. N.Zayniddinov, T.A.Xo'jaqulov, M.P.Atadjanova. Sun'iy intellect fanidan o'quv qo'llanma.
 27. Yakubov M.S., T.A.Xo'jaqulov. ,Abdul-Azalova M.Ya., Yuldashev R.X. Davlat boshqaruvi fanidan o'quv qo'llanma.
 28. Yakubov M.S., Zayniddinov H.N., T.A.Xo'jaqulov., Sagdullaeva Sh., Yusupov I. Elektron hukumat konsepsiyasi fanidan o'quv qo'llanma.
 29. E.Kuvnakov, A.E.Mirzaev, Xalilov S.P., Tursunov I.I. Biznes tizimlari tahlili va loyihalash fanidan o'quv qo'llanma.
 30. Abdul-Azalova M.Ya. Electron to'lov tizimlari fanidan darslik.
 31. Turg'unov M.R, S.P.Xalilov, T.B.Jo'raev. Etkazib berish zanjirini boshqarish fanidan darslik.

RESEARCH & INNOVATION: AUTHOR'S CERTIFICATES AND PATENTS

T/r	P/O' F.I.Sh. (mualliflar jamoasi)	Ish joyi va lavozimi, ilmiy darajasi	Ixtiro qilingan ish nomi	Patent № va sanasi
1.	N.A.Egamberdiyev, H.R.Ochilov, M.R.Berdiyev	Кафедра мудир	Takomillashtirilgan YOLO algoritmi yordamida tasvirdagi ob'yektni aniqlash va tanib olish intellektual dasturi	DGU 26653, 14.08.2023
2.	N.A.Egamberdiyev, N.O.Raximov, U.N.Xafizadinov, I.D.Mahmudov, M.R.Berdiyev	Кафедра мудир	Smartfon yordamida olingan tasvirdagi matnlarni tanib olish va tarjima qilish mobil ilovasi	DGU 26376, 25.07.2023
3.	N.A.Egamberdiyev, N.O.Raximov, U.N.Xafizadinov, Sh.P.Sharofiddinov	Кафедра мудир	O'quv markazlar uchun "Exam Result" intellektual dasturi	DGU 26375, 25.07.2023
4.	Egamberdiyev N.A., Arifjanov A.Sh., Saidov M.S., Xasanov U.U.	Кафедра мудир	Yong'inlarning sabab-oqibatlarini tahlil qilish dastur	DGU 18505 12.09.2022
5.	Egamberdiyev N.A., Arifjanov A.Sh., Saidov M.S., Xasanov U.U.	Кафедра мудир	Yong'inlarni hisobga olish dasturi ma'lumotlar bazasi	BGU 00760, 12.09.2022
6.	Egamberdiyev N.A., Arifjanov A.Sh., Saidov M.S., Xasanov U.U.	Кафедра мудир	Yong'inlarni hisobga olishning avtomatlashtirilgan axborot-tahlil tizimi dasturi	DGU 18506, 12.09.2022

7.	Abdul-Azalova M.Ya., Yuldashev R., Atadjanova M.P.,	Katta o'qituvchi	"Elektron to'lov tizimlari orqali shakllangan to'lovlar monitoringi"	DGU 11947 23.07.2021
8.	Redjepov Sh.B., Xudayberganov O.F., Shakarov Q.A.	PhD dotsent	«Mobil veb-illovalar foydalanuvchilarining autentifikatsiya ma'lumotlarini himoyalash uchun dasturiy ta'minot»	№ DGU 13569 17.11.2021
9.	Mirzaev A.E., Malikova N.T., Xalilov S.P	Dotsent, katta o'qituvchi	Ko'p o'lchovli signallarni bikubik bazisli splayinlar bilan modellashtirish uchun dastur	DGU 13486. 25.10.2021
10.	Sharifjanova N.M., Yakubov M.S., Malikova N.T.	Prof, dotsent	Digital EDULink-Universitet	DGU 20213931 01.12.2021
11.	Yakubov M.S., Abdul-Azalova M.Ya., Yuldashev R.X., Abulov N.B.	Prof, Katta o'qituvchi	Tashkilotning biznes-jarayonlarini intellektual boshqaruv tizimi	№ DGU 11767 19.05.2021
12.	Zaynidinov X.N., Naim N.A., Alimova F.M., Pulatova Z.M	Prof, Katta o'qituvchi, ass	Xaarning bo'lak-polinomial bazislarida signallarga raqamli ishlov berish	№ DGU 12418.
13.	Zaynidinov X.N., N.A. Naim	Prof, Ass.	Xaar bazislarida biomeditsina signallariga raqamli ishlov berish dasturi	DGU 11825. 10.07.2021
14.	Anarova Sh.A., Isomiddinov A.I., Ismoilov Sh.M., Shokirov D.A..	Кафедра мудир	Fazoviy yuklanishlardagi sterjenlarning ko'ndalang kesimi ixtiyoriy va geometrik chiziqli bo'lmagan masalalar uchun haroratni hisobga olgan holda kuchlanganlik va deformatsiyalanganlik holatini hisoblashlarni avtomatlashtirgan dastur	DGU 12025. 2021.
15.	Bayboboyev N.G., Anarova Sh.A. , Ismoilov Sh.M. Goyipov U.G., Tursunov A.A., Akbarov Sh.B	Кафедра мудир	Kartoshka kavlash mashinalarining elovchi ishchi qismlarining asosiy parametrlarini hisoblash,	DGU 11451. 09.08.2021
16.	Анарова Ш.А., Нарзуллоев О.М., Бердиев Ф.Р., Қаюмова Г.А., Ёркулов Ж.Ю.	Кафедра мудир	Миллий нақшлардаги фрактал тузилишли объектларни компьютер графикасининг геометрик алмаштиришлари ёрдамида визуаллаштиришни автоматлаштириш.	DGU12557 26.08.2021
17.	Анарова Ш.А., Нуралиев Ф.М., Нарзуллоев О.М., Иброҳимова З.Э., Амонова О.А..	Кафедра мудир	Миллий нақшларда Паскал учбурчаги асосидаги алгебраик тузилишлар ва туб сонлар назарияси ёрдамида тасвирларни визуаллаштиришни автоматлаштириш	DGU 12558 26.08.2021
18.	Анарова Ш.А., Нарзуллоев О.М., Бердиев Ф.Р., Қаюмова Г.А., Ёркулов Ж.Ю.	Кафедра мудир	Миллий нақшлардаги фрактал тузилишли объектларни компьютер графикасининг геометрик алмаштиришлари ёрдамида визуаллаштиришни автоматлаштириш.	DGU 12557 26.08.2021
19.	Анарова Ш.А., Нуралиев Ф.М., Нарзуллоев О.М., Исмоилов Ш., Ёркулов Ж.Ю. №	Кафедра мудир	Ўзбек миллий нақшларидаги фрактал тузилишли объектларни R-функция усулида чизиш ва визуаллаштиришни автоматлаштириш	DGU 12556 26.08.2021
20.	Анарова Ш.А, Иброҳимова З.Э, Бердиев Ф.Р; Исмоилов Ш, Самидов М, Саидулов Э.	Кафедра мудир	Тўқимачилик дизайни учун дарахсимон фрактал тузилишларни геометрик моделлаштиришни автоматлаштириш	DGU 12238 16.06.2021
21.	Анарова Ш.А, Иброҳимова З.Э, Бердиев Ф.Р, Исмоилов Ш, Самидов М.	Кафедра мудир	Газлама ва гиламлар учун айланасимон фрактал тузилишларни ҳосил қилувчи дастурий восита	DGU 12239 16.06.2021

22.	Кузнецова В.Б, Мухтарова Г.Х, Юлдашов Р, Х.Кувнаков А.Э.	Katta o'qituvchi	Мобильное приложение, развивающее мышление малышей с применением популярного игрового движка Unity	DGU 2021 4283 23.12.2021
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