

Kafedra mudiri:

Sadikov Rustamjon Toxirovich

Qabul vaqti: Dushanba-Shanba (15:00-17:00)

Telefon: (+99871) 238-65-99

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"Multimedia texnologiyalari" kafedrasida Toshkent axborot texnologiyalari universiteti Ilmiy Kengashining (2011-yil 27-oktabrda 3(609) son bayoni) qarorini amalga oshirish maqsadida Toshkent axborot texnologiyalari universitetining 21.11.11 dagi 1070-sonli buyrug'i asosida tashkil etildi.

"Multimedia texnologiyalari" kafedrasiga birlashtirilgan "Multimedia injiniringi" yo'nalishi bo'yicha har yili 100 ga yaqin bakalavr talabalarining bitiruv oldi amaliyoti, ishlab chiqarish amaliyoti va o'quv amaliyotlari tashkil etiladi. Kafedrada professor-o'qituvchilarining rahbarligida 50 ga yaqin bakalavrlar bitiruv malakaviy hamda 10 ga yaqin magistrlik ilmiy dissertatsiyalari himoya qilinadi.

Bakalavriyat

60610500

[Kompyuter injiniringi \(Multimedia texnologiyalari\)](#)

Magistratura

70610501

Kompyuter injiniringi (Axborot va Multimedia texnologiyalari)

70610504

Ma'lumotlar ilmi (Data Science)

Kafedrada o'qitiladigan fanlar

Bakalavriyat:

- Web dastrulashga kirish
- Kompyuter animatsiyasi
- Mobil ilovalarni ishlab chiqish
- Mutaxassislik tanlov fani (Multimediali ma'lumotlari bazasi)
- Web dizayn
- Mutaxassislik tanlov fan (Kompyuter ko'rish)
- Mutaxassislik tanlov fani (Multimedia dizayn)
- Mutaxassislik tanlov fani (3D texnologiya)
- Mutaxassislik tanlov fani (Virtual reallik)
- Mutaxassislik tanlov fani (SMM)
- Mutaxassislik tanlov fani (Kompyuter o'yinlari yaratish)

Magistratura:

- Ilmiy tadqiqot metodologiyasi
- Mutaxassislik tanlov fani (Data analysis)

- Mutaxassislik tanlov fani (Video tasvirlarga ishlov berishning matematik asoslari)
- Mutaxassislik tanlov fani (Katta hajmli ma'lumotlarni vizuallashtirish usullari)
- Mutaxassislik tanlov fani (Ma'lumotlar ilmda matematik tahlil)
- Data Engeneering (Ma'lumot muxandisligi)
- Mutaxassislik tanlov fani (Kompyuter ko'rish)
- Mutaxassislik tanlov fani (Axborotlarni vizuallashtirish va aks ettirishda multimedia usullari)

Kafedra professor o'qituvchilari

- Sadikov Rustamjon Tohirovich - PhD, kafedra mudiri
- Ne'matov Abdug'ani - f-m f.n., v.b.professor
- Artikova Muazzam Axmedovna - t.f.n (PhD), dotsent
- Abidova Shaxnoza Baxodirovna - PhD, dotsent
- Ismailov Shixnazar Rashid o'g'li - PhD, katta o'qituvchi
- Ganiev Akmal Abduxalilovich - Katta o'qituvchi
- Talipova Ozoda Xabirovna - Assistent
- Maxmudova Moxiniso Mizrof qizi - Assistent
- Xolmuminov Yusuf - Stajor- o'qituvchi

Kafedraning ilmiy va amaliy hamkorlari

- «O'zbekkino» milliy agentligi
- AmayaSoft
- VRonika
- Vatanparvar
- Robotics lab future technology company
- Harbiy kafedra TATU
- Geoinnovatsiyalar markazi
- Next Reality

Multimedia texnologiyalari" kafedrasida bajarilayotgan davlat va chet el grantlari (fundamental, amaliy va innavatsion loyihalar) ro'yhati

- № 5B-ATEX-2018(399+487) «GIDROGEOLOGIK JARAYONLARNI UCH O'LCHOVLI MODELLARINI TUZISH VA IKKI KOMPONENTLI MUHITDA DIFFUZION JARAYONLARNI SONLI MODELLASHTIRISH UCHUN AMALIY DASTURLAR PAKETINI YARATISH » SADULLAYEVA SH.A., NAZIROVA E.SH.
- YANGI AVLOD O'QUV LUG'ATLARI VA ULARNING MOBIL ILOVALARINI YARATISH NAZIROVA E.SH.

Kafedraning ilmiy uslubiy ishlari

- Ne'matov A., Sadikov R.T. "WEB ILOVALARNI YARATISH" FANIDAN KURS ISHLARINI BAJARISH BO'YICHA USLUBIY KO'RSATMA "ZUXRA BARAKA BIZNES" MChJ - 2020. 42b.
- Xashimxodjayeva M.D., Ganiev A.A., Rayimqulov O'.M., Dauletov O "Модель аудиовизуального восприятия" fanidan laboratoriya ishlarini bajarish uchun uslubiy qo'llanma.
- Ganiyev A.A., Azimov S.R. "Kompyuter o'yinlarini yaratish" fanidan laboratoriya ishlarini bajarish bo'yicha uslubiy qo'llanma

- Nazirova E.Sh., Abidova Sh.B., Sadikov R.T. "MULTIMEDIALI MA'LUMOTLAR BAZASI" (O'quv qo'llanma) Toshkent – "Aloqachi" – 2020 ISBN 978-9943-5899-5-7. 108b.
- Artikova M.A. Методы сплайн и вейвлет-анализа для обработки сейсмических сигналов. Монография. LAP LAMBERT Academic Publishing 2020-07-13
- Artikova M.A. Aripova Z.D. Virtual reality Manual for TUIT students LAP LAMBERT Academic Publishing Germany Lambert-2021 292 p.

Kafedra professor-o'qituvchilari va ilmiy izlanuvchilarining chop etilgan maqolalar ro'yxati

T/r	P/O' F.I.Sh. (mualliflar jamoasi)	Lavozimi	Ilmiy maqola nomi	Chop etilgan ilmiy jurnal nomi, №, yili
1	Nazirova E.Sh., Nematov A., Sadikov R.T.	dotsent	"On numerical method for modeling oil filtration problems in piecewise-inhomogeneous porous medium"	INTERNATIONAL SCIENTIFIC CONFERENCE OF COMMUNICATIONS, INFORMATION, ELECTRONIC AND ENERGY SYSTEMS
2	Nazirova E.Sh., Nematov A., Sadikov R.T., Nabiev I.M.	dotsent	"One-dimensional mathematical model and a numerical solution accounting sedimentation of clay particles in process of oil filtering in porous medium"	12th International Conference on Intelligent Human Computer Interaction(IHCI) 2020 24-26 November 2020, EXCO-Daegu, South Korea
3	Sadullaeva, S., Talipova O., Fozilov F., Mirkhodjaeva N.	professor	Automated Control of the Process of Formation Individualized Trajectories Students Preparation in the Credit System	(2020) 4 th International Symposium on Multidisciplinary Studies and innovative Technologies, ISMSIT 2020-Proceedings, статья №9255038. Sadullaeva, S., Talipova O., Fozilov F., Mirkhodjaeva N. 2020.
4	Nazirova E.Sh., Abidova Sh.B.	dotsent	Mathematical Model and Algorithm for Calculating Complex Words in Uzbek Language	Blind Peer Review Referred journal "Solid State Technology". Volume: 64, Issue 2. 2021 y. – P. 4347-4359.
5	Siddikov I. X., Umurzakova D. M., Bakhrieva H. A.	Katta o'qituvchi	Adaptive system of fuzzy-logical regulation by temperature mode of a drum boiler	IIUM Engineering Journal, Vol. 21, No. 1, 2020 Xakimovich et al. https://doi.org/10.31436/iiumej.v21i1.1220
6	Sharipov D.K., Ergasheva D., Kasimbetova S., Aynakulov Sh., Khamraeva Sh.	dotsent	Development a mathematical model of a water-salt balance on irrigated lands of the Sirdarya area	IOP Conf. Series: Materials Science and Engineering 896 (2020) 012050 IOP Publishing doi:10.1088/1757-899X/896/1/012050
7	Sharipov D.K., Abdulkadirov A., Khasanov A., Khafizov O.	dotsent	Mathematical model for optimal siting of the industrial plants	International Conference on Information Science and Communications Technologies (ICISCT), 2020, pp. 1-3, doi: 10.1109/ICISCT50599.2020.9351476.
8	Sharipov D.K., Abdullaev Z., Khafizov O.	dotsent	The process of distribution Computer modeling of hazardous substances in the atmosphere taking into account the terrain relief	E3S Web of Conferences. – 2021. – Vol. 264, 10037. – https://doi.org/10.1051/e3sconf/202126401037

T/r	P/O' F.I.Sh. (mualliflar jamoasi)	Lavozimi	Ilmiy maqola nomi	Chop etilgan ilmiy jurnal nomi, №, yili
1	Nazirova E. Sh., Savurbaev A., Nematov A.	Kafedra mudiri	Mathematical and computer simulation of the processes of two-phase joint gas filtration and water in a porous environment	Bulletin of TUIT: Management and Communication Technologies: Vol. 2 , Article 4. Available at: https://uzjournals.edu.uz/tuitmct/vol2/iss1/4

2	Ravshanov N Nazirova Elmira	Kafedra mudiri	Modeling and analysis of nonstationary gas filtration under gas dynamic parameters variation	Bulletin of TUIT: Management and Communication Technologies: Vol. 4 , Article 3. Available at: https://uzjournals.edu.uz/tuitmct/vol4/iss2/3 (2021)
3	Ravshanov Normakhmad; Nazirova Elmira; Aminov Sabur	Kafedra mudiri	Numerical Study of the Process of Unsteady Filtration of a Fluid in Interacting Porous Pressure Layers	Bulletin of TUIT: Management and Communication Technologies: Vol. 4 , Article 3. Available at: https://uzjournals.edu.uz/tuitmct/vol4/iss2/3 (2021)
4. 2	Varlamova L.P., Aripova Z.D., Ganiev A.A, Fayzullaev U.	dotsent	Removing Noise During the Filtering Images	International Journal of Recent Technology and Engineering (IJRTE), 2020 Volume-9, Issue-1, -pp. 2584-2587. ISSN:2277-3878
5.	Varlamova L.P.	dotsent	Convolution of Images Using Deep Neural Networks in the Recognition of Footage Objects	Springer , part of Springer Nature. Vol. 912, Aboul-Ella Hassanien et al. (Eds): Artificial Intelligence for Sustainable Development: Theory, Practice and Future Applications, 978-3-030-51919-3, 493719_1_En, -p. 171-191(Chapter 9)
6.	Marakhimov A.R, Varlamova L.P.	dotsent	Application of a convolutional neural networks for images recognition	Google scholar/ https://uzjournals.edu.uz/cgi/preview.cgi?article=1163&=&context=ijctcm
7.	Varlamova L.P., Artikova M.A.,Khashimkhodjaeva M.D. ,Aripova Z.D.	dotsent	FUZZY LOGIC TRAFFIC MANAGEMENT MODEL	SCIENCE, EDUCATION, INNOVATION: TOPICAL ISSUES AND MODERN ASPECTS TALLINN, ESTONIA. 16-18.12.2020, Volume-1, -P.1264-1273.
8.	Varlamova L.P., Mirzoalimov A.K.	dotsent	РАЗРАБОТКА СИСТЕМЫ «СПЕЦИАЛЬНОГО ИНЖЕНЕРНОГО ОБРАЗОВАНИЯ»	SCIENCE, EDUCATION, INNOVATION: TOPICAL ISSUES AND MODERN ASPECTS TALLINN, ESTONIA. 16-18.12.2020. Volume-1, -P.1280-1284.
9	Siddikov I. X., Bakhrieva X.A.	Katta o'qituvchi	Algorithm for the synthesis of the optimum control of the steam heater	Bulletin of TUIT: Management and Communication Technologies
10	Nabiev Timur.E ,Varlamova Lyudmila.P ., Aripova Zulphiya D.	dotsent	ORGANISM REHABILITATION AFTER COVID-19 WITH GENERAL PHYSICAL TRAINING METHODS	ijournals: International Journal of Social Relevance & Concern (IJSRC) ISSN-2347-9698 Volume 9 Issue 2 February 2021 DOI: 10.26821/IJSRC.9.2.2021.9216
11	Siddikov I.H. Ganiyev A.A.	Katta o'qituvchi	Bulletin of TUIT: Management and Communication Technologies"	Development of a technological modeling system for refining processes