

## Staff Handbook

<b>Full Name, Academic degree and Title</b>	Mamirov Xudoyberdi Xomidjonovich, master's degree, assistant		
<b>Field of Teaching</b>	IoT technologies, Applied intelligent systems , Cloud technologies		
<b>Academic Education</b>	<b>Master's Degree –</b> Designing of applied software tools	Tashkent University of Information Technologies named after Muhammad al-Khwarizmi	2019
	<b>Bachelor's Degree –</b> Informatics and information technologies	Tashkent University of Information Technologies named after Muhammad al-Khwarizmi Ferghana branch	2014
<b>Labor Activity</b>	Assistant of the Artificial Intelligence Department	Tashkent University of Information Technologies named after Muhammad al-Khwarizmi	2023 to the present.
	Doctoral student	Tashkent University of Information Technologies named after Muhammad al-Khwarizmi	2023 to the present.
	Head of the Center for Digital Educational Technologies	Tashkent branch of Samarkand University of Veterinary Medicine, Biotechnologies and Agrotechnologies	2020-2023
	Assistant of the Information Technologies Department	Andijan Machine Building Institute	2019-2020
<b>Research and Development over the last 5 years</b>	- FZ-20200930404 Bo'lak-polinomial bazislarda signallar va tasvirlarga raqamli ishlov berishning intellektual dasturiy-texnik tizimlarini yaratishning nazariy metodologik asoslari Zaynidinov X.N.		
<b>Industry Cooperation over the last 5 years</b>	-		
<b>Patents and Intellectual Property</b>	№ DGU 37728	“Biotibiyot signallarini tarmoqli filterlash dasturi”	15.01.2024 y.
	№ DGU 40391	“IoT texnologiyalariga asoslangan real vaqt rejimida bemorlarning EKG ma'lumotlari monitoringi tizimi”	11.06.2024 y.
<b>Important Publications in the last 5 years</b>	<p><b>Selected Recent Publications:</b> <b>(total): 8</b></p> <hr/> <p>Mamirov X.X., Seungjik Lee, Mahmudjanov S.U., <b>Aqlli uy xavfsizlik tizimida IoT sensorlarini o'рни</b>. “Matematik modellashtirish, algoritmlash va dasturlashning dolzarb muammolari” mavzusidagi Respublika ilmiy- texnik konferensiyasi. TATU To'plam 130-134 betlar Tashkent – 2023,</p> <hr/> <p>Mamirov X.X., Modullayev J.S., Yusupov I, “Model and algorithm of object recognition from dynamic images obtained by uav devices”. Hisoblash va. amaliy matematika muammolari. Raqamli texnologiyalar va sun'iy intellektni rivojlantirish ilmiy tadqiqot instituti. № 6/1(54) 2023. ISSN 2181-8460</p>		

	<p>Mamirov X.X, Azimov B.R, Qo'chqorov M.A, "IoT texnologiyasiga asoslangan suv sarfini o'lchash qurilmalarida tranzit vaqtini aniqlashning matematik tahlili", <b>International scientific and technical conference "Digital technologies: problems and solutions of practical implementation in the industry"</b>. DOI: <a href="https://doi.org/10.5281/zenodo.7901096">https://doi.org/10.5281/zenodo.7901096</a>, ID: 581</p> <p>X.X. Mamirov, Seungjik Lee, Zaynidinov Hakimjon, Yusupov Ibrohim. <b>"Hardware implementation proposal for smart office realization"</b>. //Bulletin of TUIT: Management and Communication technologies. ISSN 2181-1083 Vol-1(5) 13.04.2023.</p>
	<p>H.N. Zaynidinov, M.A. Rasulov M.A. Kuchkarov, X.X. Mamirov, T.B. Boltaniyozov. <b>"Detection of transit data (Time-of-flight-tof) for ultrasonic flow meter measurement"</b>. //Bulletin of TUIT: Management and Communication technologies. ISSN 2181-1083 14.03.2023. Vol-1(3).</p>
	<p>X.X. Mamirov, Seungjik Lee, Zaynidinov Hakimjon, Yusupov Ibrohimbek. <b>"Proposal of smart home security system using raspberry pi 4"</b> //International Bulliten of Applied Science and Technology(Germany). IBAST   Volume 3, Issue 6, June <b>ISSN: 2750-3402</b></p>
	<p>Khudoyberdi Mamirov, Javokhir Nurmuradov, Bunyod Azimov. "Structure and Algorithms that Provide Communication Between Software Tools and Bluetooth devices for Fast Transmission and Reception of Signals", International Conference on Information Science and Communications Technologies. ICISCT 2023.</p>
<b>Activities in Specialized Agencies in the last 5 years</b>	-