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POSITION	Information technologies, Associate professor
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LEVEL	• 1989-1994 Graduated from Samarkand State University with a degree in applied mathematics. • Postgraduate student of Tashkent State Technical University in 1999-2002.
EXPERIENCE	▪ 1994-1995 yy. - Department of Informatics and Computer Engineering, Urgench State University mathematical engineer ▪ 1995-1998 yy. - Department of Informatics and Computer Engineering, Urgench State University assistant teacher ▪ 1998-1999 yy. - Department of Informatics and Computer Engineering, Urgench State University trainee researcher ▪ 1999-2002 yy. - Postgraduate student of Tashkent State Technical University ▪ 2002-2005 yy. - Department of Informatics and Computer Engineering, Urgench State University assistant teacher ▪ 2005-2006 yy. - Urgench branch of Tashkent University of Information Technologies Informatics and Senior Lecturer of the Department of Information Technology ▪ 2006-2008 yy. - Urgench branch of Tashkent University of Information Technologies Informatics and Head of the Department of Information Technology ▪ 2008-2010 yy. - Urgench branch of Tashkent University of Information Technologies Deputy Director for Enlightenment ▪ 2010-2012 yy. - Information of Urgench branch of Tashkent University of Information Technologies Associate Professor of Technology ▪ 2013-2014 yy. - Lecturer at the Department of Informatics and Information Technology, Urgench State University ▪ 2014-2017 yy. - Associate Professor of Information Technology, Urgench State University ▪ 2017-2017 yy. - Director of the Center for Professional Development of Urgench State University ▪ 2017 - y. h.v. - Associate Professor of Information Technology, Urgench State University
SPECIALIZATION	Applied Mathematics
TEACHING SCIENCES	Fundamentals of Programming, Programming Technologies, Machine Learning, NLP, Web programming
RESEARCH WORK	Natural Language Processing (NLP), Machine Learning, Data science, Mathematical modeling.

RESEARCH	**Scientific articles and conference abstracts**
	• Block modular modeling and system optimization of grain processing processes. "Modern problems of algorithms". A collection of abstracts. "KIBERNETIKA" Scientific Production Association., Tashkent: 1996. -p. 300-301. (co-authors Yusupov F., Urazaliev M.)
	• The concept and methods of multidisciplinary hierarchical management of technological processes with discrete-unspecified nature of production. Modern problems of economic and applied mathematics. Proceedings of the International Scientific Conference. SamGU, Samarkand, 1997. –p. 173-179. (co-author Yusupov F.)
	• Formalization of the final products of the pulp plant in the form of graphic structures with the purpose of automation of production, "Process-2000" -Republican scientific-practical conference. A collection of scientific articles. Buxoro, 2000. -b. 296. (co-authors Yusupov F., Rakhimov B.S.)
	• Yusupov F, Sharipov M.S. Stoxasticheskaya model proizvodstvennogo protsessa pererabotki zerna. VII St. Petersburg International Conference "Regional Informatics-2000" (RI-2000) St. Petersburg, December 5-8, 2000, Thesis of reports, Chast-1, SPb, 2000.-p.111-112. (co-author Yusupov F.)
	• Stoxasticheskaya model model osnovnogo proizvodstvennogo protsessa pererabotki zerna. "Process-2000" - Republican scientific-practical conference. A collection of scientific articles. Buxoro, 2000. –b. 301-302. (co-authors Yusupov F., Rakhimov B.S.)
	• Postroenie modeli proizvodstvennix protsessov pererabotki zerna v vide grafovix struktura. "Technical sciences and global problems of the XXI century". Collection of lectures. Part 3, Tashkent, 2001. –p. 88-89. (co-authors Kasimov SS, Yusupov F.)
	• Postroenie grafovoy modeli proizvodstvennogo protsessa pererabotki zerna, DAN RUz, №10-11,2001.-s.43-44. (co-authors Kasimov SS, Yusupov F.)
	• To the composition of experimental-statistical methods of static models of technological processes of grain processing », DAN RUz., №5, 2002. -p. 40-43.
	• Stoxastic model of technological process of grain processing. XV International scientific conference "Mathematical methods in engineering and technology" (MMTT-15), Collection of works, volume 6, Tambov, 2002 -p. 126-128. (co-authors Kasimov SS, Yusupov F.)
	• Formalization of the parameters of the original cheese and the final products of the enterprise in the form of a column, "Vestnik TashGTU", №1,2003. -s. 154-156. (co-author Yusupov F.)
	• Eksperimentalno-statisticheskoe issledovanie tehnologicheskogo protsessa zrobleniya zerna. Uzbek magazine "Problems of informatics and energy". №1,2003. -s. 57-59.
	• The use of multifactorial experiments for the study of technological processes of grain fragmentation. Sovmestniy vipusk, «Sovremennie upravlyayushchie i informatsionnie sistemi». Tashkent, 2003., -P.108-112. (co-authors Yusupov F., Setmetov N.U.)
	• Automation of production management by the process of grain separation on the basis of volumetric static models. International scientific-practical conference. Sborn.nauchnix statey. «Innovation-2003» Tashkent, 2003. -p. 232-233. (co-authors Yusupov F., Sadikov S.B.)
	• Postroenie matrichnoy modeli tehnologicheskogo protsessa drobleniya zerna v terminax teorii grafov. «Differentsialnie uravneniya i ix prilojeniya», KKGU, Nukus, 2004.-p. 54 - 57. (co-author Yusupov F.)
	• Designing a system for stabilizing the flow of grain to the I-grinding system at the flour mill using an ordered model. International scientific conference "The role and significance of telecommunications and information technology in modern society" Tashkent, 2005., -p. 297-299. (co-authors Yusupov F., Yusupov D.)

• Topological representation of the technological process of grain processing. Materials Respublikanskoy nauchnoy konferentsii «Modern problems of mathematical modeling», volume 1, Nukus, 2005., -p. 43-48. (co-authors Kasimov SS, Yusupov F.)

• Chetirexurovnevaya hierarchical system of management of the main production of grain processing. Materials Respublikanskoy nauchnoy konferentsii «Modern problems of mathematical modeling», volume 1, Nukus, 2005., -p. 40-43.

• Create software for the process of subscribing to periodicals online. // Proceedings of the Republican scientific-practical conference "Information and communication technologies in science and education", April 6-7, 2006, Volume 1. Tashkent, TATU, pp. 264-265. (co-authors H.D. Erjanov, H.J. Rakhimboev)

• Development of software for the virtual library of Khorezm Mamun Academy. // Proceedings of the Republican scientific-practical conference "Information and communication technologies in science and education", April 6-7, 2006, Volume 1. Tashkent (co-author R.Yuldashev.)

• 20.Programmnoe obespechenie rascheta pomolnoy partii zerna. Svedetelstvo ob ofitsialnoy registratsii programmi dlya elektronno-vichislitelnix mashin v agentstve intellektualnoy sobstvennosti (DGU 00886 ot 25.01.2005 g.);

• Conceptual bases of intellectual support of measuring instruments of st ructure and properties of firm loose materials // WCIS 2008 5-th World Conference on Inteligent System for Industrial Automation 423-427r (co-author P.F.Matyaqubova)

• Automation of the process of mathematical modeling of the complex, the task of volume and current planning of the entire enterprise // "Modern techniques and technologies of mining and metallurgical industry and the path of their development": International scientific-technical materials. - Uzbekistan, Navoi, May 12-14, 2010. - 514-515 p. (co-authors Yuupov F, Qlichev J, Rakhmonova M.)

• Development of automated information system planovo-ekonomicheskogo otdela mukomolnix predpriyatiy // Materials of the Republican scientific-practical conference. Current issues of creating an electronic information learning environment in educational institutions. Tashkent, National University of Uzbekistan, 2011.- P.191-192. (co-authors Yuupov F, Khodjaev AI, Yusupov Yu.)

• Operational and dispatching management and planning of production processes of enterprises of complex production // Problems of information technologies and telecommunications: a collection of reports of the Republican scientific-technical conference of young scientists, researchers, masters and students. Volume II. - tashkent: TATU, 15-16 March 2012.- 119-120 p. (co-authors Yuupov F, Khusainov X.)

• Improving the effectiveness of training on the basis of structuring the teaching material // Problems of information technology and telecommunications: materials of the Republican scientific-technical conference of young scientists, researchers, masters and students. Volume II. - Tashkent: TUIT, March 15-16, 2012.- 146-148 B. (co-authors Yuupov F, Rakhimov B.)

• Synthesis of a multi-level hierarchical structure of the system of management of the main production of a large enterprise on the basis of information technology // Materials of the scientific-practical conference "Systematic development of information and communication technologies in Uzbekistan: compatibility of supply and demand." - Nukus, QSU, June 8-9, 2012. - 234-238 B. (co-authors Yuupov F, Setmetov N., Khusinov X.)

• Using e-Learning in improving the knowledge of workers of production enterprises. // The materials of scientific conference in Samarkand Agricultural Institute. Samarkand 2013. Page number 121-122. . (co-author Tadjiev A.A.)

• Proektirovanie informatsionnoy sistemi operativno-dispetchesrkogo upravleniya osnovnimi proizvodstvennimi protsessami mukomolnogo predpriyatiya // "Molodoy ucheniy", №10 (57), 2013. OOO «Izdatelstvo Molodoy ucheniy». g. Chita, 2013. - 235-239 p. (co-authors Yuupov F, Sharipov R.)

• Use mobile learning to activate foreign language learning. // Nauka, obrazovanie i proizvodstva v obespechenii ustoychivogo razvitiya innovatsionnoy ekonomiki, materialsi nauchno-prakticheskoy konferentsii. Toshket 2014. Branch of MGU. Str. 198-199. (co-authors Yuupov F., Jafarov S.)

• The system of dispatch management of non-recurrent technological processes of industrial pererabotki zerna.// "Young Students", №9 (68), 2014. OOO "Publishing House of Young Students". g. Kazan, 2014. - 238-240 p. (co-author Yuupov F.)

• Designing system of information support of the quick and dispatching control and management of the course of flour-grinding production // Vosmaya Vsemirnaya konferentsiya WCIS-2014 «Intellectual systems for industrial automation» Tashkent 2014, November 25-27, 365-368p. (co-authors Yuupov F, Setmetov N.)

• Automated system of batch preparation of grain in the planning of production processes in the flour industry enterprises // International scientific conference "Actual problems of applied mathematics and information technology - Al-Khwarizmi 2014", September 15-17, 2014. SamGU, Samarkand, 2014. - 2 p. (Co-authors Yuupov F., Urunov F.G.)

• Postroenie model selskoy munitsipalnoy obrazovaniya v vide grafovix struktura. // Modern issues of application of information and communication technologies in the integration of science, education and industry, Proceedings of the Republican Scientific and Technical Conference. Nukus-2015, volume 2, 286-288 p. (co-author Rahimboev X.)

• Obobshchennaya informatsionnaya model tehnologicheskogo uchastka drobleniya zerna // Modern issues of application of information and communication technologies in the integration of science, education and production, Proceedings of the Republican Scientific and Technical Conference. Nukus-2015, volume 3, 309-311 b. (co-author Yuupov F.)

• Dynamic model of optimal planning of production of a large enterprise // Collection of reports of the Republican scientific-technical conference "Problems of information technology and telecommunications technology". Chast 2, March 12-13, 2015, Tashkent, TUIT. - 214-215 S. (co-author Yuupov F.)

• Informatsionnaya model operativnogo upravleniya tehnologicheskogo protsessa mukomolnogo proizvodstva // Sbornik dokladov Respublikanskoy nauchno-tehnicheskoy konferentsii «Problemi informatsi-onnix and telecommunication technologies ». Chast 2, March 12-13, 2015, Tashkent, TUIT. - 212-213 S. (co-author Yuupov F.)

• Operational dispatch management of large-scale production in the conditions of neopredelionnosti // Materials of the IX International Scientific-Practical Internet Conference "Trends and Perspectives of Development of Science and Education in the Conditions of Globalization": Sb. trudov. - Pereyaslav-Khmelnitskiy, 2015. - Vip. 9. - 526 s. (Pp. 490-492). (co-author Yuupov F.)

• Operatively dispatching management of mill manufacture in conditions of uncertainty // Molodoy uchyoniy. - 2016. - № 3 (107). - 241-243 S. (co-author Yuupov F.)

• Synthesis of local information systems of management of the crushed grain section of a large enterprise // Russia. UCHYONIY XX1 VEKA. № 3-2 (16), March 2016. - 6-9 s. (co-author Yuupov F.)

• Diagnostirovaniya tehnologicheskogo protsessa razmola zerna pshenitsi v mukomolnom proizvodstve na osnove nechetko-logicheskogo podkhoda. // Molodoy uchyoniy. - 2016. - № 9.5 (113.5). - 49-54 p. (Spetsvipusk Urgenchskogo branch of Tashkentskogo University of Information Technology). (co-author Yuupov F.)

• Development of information systems of accounting of material flows in the basic production of melkombinata // Russia, «Young Scientist». December 2016 № 29.3 (133.3). - 57-59 s. (co-author Yuupov F.)

• Operativno dispetcherskoe upravlenie v mukomolnom predpriyatii // Materials of the Republican scientific-technical conference on the subject of followers of Muhammad al-Khwarizmi. Urgench, TATU UF, 2018. - 356-359 p. (co-authors Yuupov F., Siddikov MM)

• Mathematical modeling of purification processes // Materials of the Republican scientific-technical conference on the followers of Muhammad al-Khwarizmi. Urgench, TATU UF, 2018. - 342-343 p. (co-authors Palvanov B. Yu., Jafarov S. K.)

• Software to automate the process of selling products for entrepreneurs. Proceedings of the Republican scientific-theoretical conference "Current issues of science and education", Nukus 2019. pp. 164-166. (co-authors Jafarov S. K., I.D. Avezmetov)

• Create a program that teaches the science of data structure. Modern issues of application of information and communication technologies in the integration of science education and production. Materials of the Republican scientific and technical conference. Nkuks, TUIT Nukus branch 2019. 40-42 p. . (co-authors Kurbanova L.U., Kurbanova R.U.)

• Design and construction of a remotely controlled vehicle anti-theft system via gsm network. description of technical part and flowchart. // Actual Problems Of Modern Science, Education And Training In The Region. 2020-II, Published Online: April 25, 2020. 241p. khorezmscience.uz. (co-author Yuldashev M.Sh.)

• Design and construction of a remotely controlled vehicle antitheft system via gsm network. description of technical part // The role and importance of innovative technologies in the digitization of social spheres. Collection of reports of the Republican scientific-practical conference Karshi. Karsh branch of TUIT. 2020 y. (co-author Yuldashev M.Sh.)

Educational and methodical work

• Basics of programming in Delphi 7 // Textbook for Vocational Colleges. Tashkent, 2008. 117 pages (co-authors R.Ya. Mamajanov, H.J.Rakhimboev, K.A.Ibragimov)

• Practical training in the basics of programming. // Methodical manual. Khiva, Khorezm Mamun Academy Publishing House, 2020, 80 pages.

• (co-authors S.Yu. Muminov, A. H. Ollaberganova)

Certificates of official registration of software for computers by the Intellectual Property Agency

• 1.Avtomatizirovannaya sistema upravleniya protsessa obucheniya v visshchix uchebnix zavedeniyax. Svedetelstvo ob ofitsialnoy registratsii programmi dlya elektronno-vichislitelnix mashin v agentstve intellektualnoy sobstvennosti (DGU 01102 ot 31.05.2006);

• - For students majoring in "Computer Linguistics" on the subject "Introduction to the program for the process of natural languages" (Python);

• - for students of 5130100 - "Mathematics" and 5140300 - "Mechanics" on the subject "Fundamentals of Programming";

	• - 5130200 - "Applied Mathematics and Informatics" for students majoring in "Fundamentals of Programming", "Programming Technology", "Web Programming Technology", "Database"; • -5330100 - "Mathematical and software of information systems" for students of "Programming languages"; • - 5111000 - Conducted lectures and practical classes on "Web-programming", "Data structure and algorithms" for students of "Vocational Education: Informatics and Information Technology". • - For students majoring in "Computer Engineering" Urgench branch of TUIT on the subject "Information retrieval and separation" and "Innovation and project management";
CURRENT RESEARCH	Natural Language Processing (NLP), Machine Learning, Data science, Mathematical modeling.