

### **CURRICULUM VITAE**

### Prof. Dr. Khodjaev Saidaglam Agloevich

Tashkent University of Architecture and Civil Engineering, Yangishahar street, 9A, Tashkent-Uzbekistan

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	EDUCATION (Tahsil olganligi)						
Degree (daraja)  DSc.		I	nstitution (ta'lim yoki ilmiy muassasa)	Date (sana)			
		DSc.		TIACE, Civil Engineering, UZ <b>Thesis title</b> : Structure, technology and properties of concrete for roofing			
		PhD		Research Institute of Concrete and Reinforced Concrete, Moscow, USSR <b>Thesis title</b> : <i>Technological features of prestressing expanded clay concrete roofing panels for non-roll roofs</i> .			
Civil-engineer- technologist Ta				Tashkent Polytechnic Institute, UZ			
ACADEMIC AND PROFESSIONAL EXPERIENCES (pedagogik va kasbiy faoliyat)							
	Professor, TAQU, Uzbel		U, Uzbel	cistan	02.09.2007 – Present		
				ch of Design and Survey Institute for Housing (JSC «ToshuyjoyLITI)	02.09.2018– Present		
		Assoc. Professor, TAQI, Uzbekistan			22.09.1991 – 31.07.1994		
		ADMINISTRATIVE EXPERIENCES (rahbarlik lavozimlari)					
				ry Creative Team (VTK), Republican Center	01.03.2006-31.12.2020		
	for Standardization in Head of Securities and UzLITTIJSC		urities an	n Construction; d Corporate Governance Department of	08.09.2005-28.02.2006		
		- General man	ager of J	SC "UzLITTI"; Department of the State Committee for	23.02.1994- 01.10.1994		
Tiedd of the Science			Department of the state Committee for				

### **RESEARCH AREAS** (ilmiy izlanish sohalari)

- Scientific secretary of the leading research and design institute UzLITTI of the State Committee for Architecture and Construction of

Architecture and Construction

the Republic of Uzbekistan

Construction materials science, seismic resistance and energy efficiency of buildings and structures, re

06.11.1993-22.02.1994

01.04.1987-06.11.1993

### FUNDED RESEARCH PROJECTS (moliya olgan tadqiqot loyihalari)

- 11. "Creating a digital simulation model that allows economic assessment of the level of damage of the city of Tashkent under the influence of strong earthquakes" 2024-2025
- a practical project aimed at years was submitted to the Innovation Agency
- **10**. Agreement No. 1660 dated September 19, 2023 with the Ministry of Construction for the development of ShNK 2.08.05-23 "Medical institutions. Design standards"
- **9.** Agreement No. 1659 dated September 19, 2023 with the Ministry of Construction for the development of ShNK 2.08.06-23 "Educational institutions. Design standards"
- **8.** Agreement No. 1657 dated August 12, 2022 with the Ministry of Construction for the processing of ShNK 2.03.05-13 "Steel structures. Design standards"
- **7.** Agreement No. 1526 dated 10/07/2020 with the Ministry of Construction for the processing of KMK 3.03.07-98 "Production of products from cellular concrete"
- **6.** Agreement No. 1525 dated October 7, 2020 with the Ministry of Construction for the processing of KMK 2.03.11-96 "Protection of building structures from corrosion"
- **5.** Agreement No. 1569 dated 09.17.20 with the Ministry of Construction for the processing of ShNK 3.03.01-98 "Load-bearing and enclosing structures".
- **4.** BV Ateh 2018 28 "Structural systems of energy-efficient earthquake-resistant residential and civil buildings with energy-saving enclosing structures based on local materials and improvement of the regulatory and methodological basis for their design and construction." (2018-2020 years)
- **3**. A-14-001 "Structural and technological principles and normative and methodological foundations for reconstruction, increasing thermal protection and energy efficiency of residential and public buildings" 2015-2017
- **2.** A-14-019 "Increasing energy saving in housing and civil construction by improving the regulatory framework, developing effective thermal insulation materials and enclosing structures based on local raw materials and production waste" 2012-2014
- **1.** NTP 16, 16-014 "Development of technology for producing expansion additives from local raw materials and prestressing concrete based on them" 2009-2011

### PUBLICATIONS (chop ettirgan ilmiy, uslubiy ishlari)

### A. Peer-Reviewed Journal Articles (monitored by Scopus) (Scopus bazasiga kiruvchi jurnallardagi maqolalari)

**A1-** B.A. Tulaganov, S.A. Khodzhaev, J. Schwarz, L. Abrahamczyk. Assessment of seismic vulnerability of buildings and structures by using European standards//Turkish Journal of Computer and Mathematics Education. Vol.12 No.7 (2021), 323-330.

### **B. Peer-Reviewed Conference Articles (monitored by Scopus)**

(Scopus bazasiga kiruvchi chuqur tahrirlangan konferensiya tezislari)

**B1.**- Saidaglam Khodjaev, On the construction standards for the design of energy efficient buildings of the republic of Uzbekistan. For taking part in the XXII International Scientific Conference on Advanced in Civil Engineering Construction the formation of living environment (form-2019) held on April 18-21, 2019 in Tashkent, Uzbekistan.

### C. PEER-REVIEWED OTHER INTERNATIONAL JOURNAL ARTICLES

(Chuqur tahrirlanadigan boshqa xalqaro jurnallardagi maqolalari)

- C2. Khodzhaev S.A. Features of physical and mechanical properties of prestressing concrete in prefabricated and monolithic structures // Concrete and reinforced concrete. 2001. No. 4. P.20-23.
- C1. Khodzhaev S.A. Features of the formation of the structure and technology of waterproof concrete // Concrete and reinforced concrete. 2000. No. 4. P.10-12.
- **D Peer-Reviewed National Journal Articles** (Chuqur tahrirlanadigan respublika jurnallardagi maqolalari)
- **D23**. Khodzhaev S.A. Building standards for smoke-resistant construction and experience of the consequences of earthquakes in Turkey // Architecture and construction of Uzbekistan. -2023.-No. 02-03. pp. 9-13.
- **D22.** Khodzhaev S.A. Earthquakes on February 6, 2023 in Turkey the catastrophe of the century // Architecture and construction of Uzbekistan. -2023.-No. 02-03. pp. 2-6.
- **D21.** Khodzhaev S.A. High-strength concrete problems and solutions // Architecture and construction of Uzbekistan. -2021.-No. 05-06. P.26-32.
- **D20.** Khodzhaev S.A. High-strength concrete problems and solutions // Architecture and construction of Uzbekistan. -2021.-No. 05-06. P.26-32.
- **D19.** Khodzhaev S.A., Kadyrov R.R., Khodzhaev S.A., Khasanov B.B. Features of ensuring thermal performance indicators of enclosing structures of energy-efficient buildings in the climatic conditions of Uzbekistan // Architecture and construction of Uzbekistan. -2020.-No. 6. P. 13-17.
- **D18**. Khodzhaev S.A., Khodzhaev S.A., Kadyrov R.R., Khodzhaev S.S. Increasing the industrialization and operational reliability of roofs of multi-storey residential buildings // Architecture and construction of Uzbekistan. -2020.-No. 2. P. 21-24.
- **D17.** Khodzhaev S.A. On the creation and development of a system of regulatory documents in construction // Architecture. Construction. Design. -2020.-No. 2. P. 124-199.
- **D16.** Khodzhaev S.A., Khakimov Sh.A., Khodzhaev S.A., Tulaganov B.A. Modern structural systems of residential and civil buildings, problems of their seismic safety and energy efficiency // Architecture. Construction. Design. -2020.-No. 1. P. 48-52.
- **D15.** Khodzhaev S.A. Modern problems of construction of energy-efficient buildings in seismic areas//Architecture and construction of Uzbekistan.-2019.-No. 5. P. 28-31.

- **D14.** Khodzhaev S.A., Khakimov K.K., Kadyrov R.R. Updated standards for the design and construction of energy-efficient buildings // Architecture. Construction. Design.-2019.-No. 1.-S. 77-82.
- **D13.** Khodzhaev S.A., Kadyrov R.R., Erkabaev Kh. Increasing the scientific and technical level, development and improvement of building standards for energy-efficient construction // Architecture. Construction. Design.-2018.-No. 3-No.4.-S. 128-133.
- **D12.** Khodzhaev S.A. Main directions of development and improvement of the regulatory framework for the design and construction of energy-efficient buildings/Architecture and Construction of Uzbekistan.-2018.-No. 03-04.-P.48-52.
- **D11.** Khodzhaev S.A. On the tasks and ways of increasing the energy efficiency of residential and civil buildings/Architecture and Construction of Uzbekistan.-2018.-No. 03-04.-P.78-80.
- **D10.** Khodzhaev S.A., Kadyrov R.R. On the regulatory framework for the design of energy-efficient buildings/Architecture. Construction. Design. -2017.-No. 1-2.-S. 95-98.
- **D9.** Kadyrov R.R., Khodzhaev S.A., Khodzhaev S.A. Methodological approaches to the calculation of the economic efficiency of increasing the thermal protection of buildings and structures//Architecture and Construction of Uzbekistan.-2017.-No. 1-2.-p. 43-48.
- **D8.** Khodzhaev S.A., Kadyrov R.R., Khodzhaev S.A. Technical and economic aspects of increasing the thermal protection of buildings and structures//Architecture and Construction of Uzbekistan.-2016.-No.6.-p.33-36.
- **D7.** Khodzhaev S.A., Bogdanova N.Yu., Raivich R.M., Kadyrov R.R., Khodzhaev S.A. Energy efficiency certification system for buildings (features, structure, methodology)// Architecture and Construction of Uzbekistan. -2014.-No. 2-3.-P.15-19.
- **D6.** Khodzhaev S.A. Regulatory and methodological basis for the design and construction of energy-efficient buildings. Architecture. Construction. Design. -2013.-No.2.-P.27-32.
- **D5.** Khodjaev S.A., Kadyrov R.R., Khodjaev S.A., Kasymova S.T., Rustamov I.M., Mirzaakhmedov B.B. Classification of buildings by energy efficiency // Architecture and construction of Uzbekistan. 2013.-No. 4.-S. 46-49.
- **D4.** Khodzhaev S.A. Increasing the efficiency of energy consumption of buildings and structures is a pressing problem of our time // Architecture and construction of Uzbekistan. -2011. No. 4-5. P. 95-96.
- **D3.** Iskandarova M., Khodzhaev S.A. and others. Study of the physical and mechanical properties of alunite-containing rocks as an expanding component for the production of expanding and prestressing cements // Composite materials. 2007. No. 2. P. 152-154.
- **D2.** Musurmankulov A., Khodzhaev S.A. High-strength tensile concrete a new generation material // Architecture and construction of Uzbekistan. 2006. No. 2. P.36-39.
- **D1.** Khodzhaev S.A. Physico-mechanical properties and prospects for the use of prestressing cements in self-stressed structures // Composite materials. 2002. No. 3. P. 40-45.

#### E. PEER-REVIEWED OTHER INTERNATIONAL CONFERENCE ARTICLES

(Chuqur tahrirlanadigan boshqa xalqaro konferensiyalardagi maqolalari)

- **E15.** Khodzhaev S.A. Development of the national system of regulatory documents in construction // State and trends in the development of standardization and technical regulation in the world / Materials of the international conference October 13-14, 2022. Tashkent: Ministry of Higher and Secondary Special Education, TSTU, 2022.- P. 71 -76.
- **E14.** Khodzhaev S.A., Khasanov B.B. Features of selection of composition, formation of structure and properties of lightweight concrete on a new porous filler // Innovative technologies in the production of building materials and structures // Collection of scientific works of the International Symposium Tashkent: Ministry of Construction of the Republic of Uzbekistan, TASI, 2020.- pp. 75-79.
- **E13.** Kamilov Kh.Kh., u.a. Unburning alkaline binders and heat-insulating materials on base of raw of Central Asia region. International Conference: Alkali Activated Materials Research, Production and Utilization. June 2007. Prague, pp.703-716.
- **E12.** Kamilov Kh.Kh., Tulaganov A.A., Khodzhaev S.A. Methodology for calculating the composition of non-autoclaved foam concrete using non-firing alkaline binder / Innovative technologies in the production of building materials and structures // Collection of scientific works of the International Symposium. Tashkent: Ministry of Construction of the Republic of Uzbekistan, TASI, 2020. P. 69-74.
- **E11.** Khakimov Sh.A., Khodzhaev S.A. Modern structural systems and technologies for the construction of residential buildings and problems of their seismic safety/Proceedings of the scientific conference "Modern problems of geology, earthquake-resistant construction and seismology in Tajikistan", dedicated to the 70th anniversary of the Khoit earthquake on July 10, 1949 in Tajikistan (July 10, 2019, Dushanbe). Dushanbe: IGSSS AN RT, 2019.-P. 33-44.
- **E10.** Saidaglam Khodjaev, On the construction standards for the design of energy efficient buildings of the republic of Uzbekistan. For taking part in the XXII International Scientific Conference on Advanced in Civil Engineering Construction the formation of living environment (form-2019) held on April 18-21, 2019 in Tashkent, Uzbekistan.
- **E9.** Akramow E.V., Tulaganow A.A., Muchitdinow A.A., Nizomow T.A., Tulaganow B.A., Hodjaew S.S. Gegenwärtige Aspekte der Baustoffherstelluhg in der Respublik Usbekistan// Ibausil. 19. Internationale Baustofftagung 16-18 September 2015 / Bauhaus-Universitat Weimar. Ta-gungsbericht Band 2. S.399-404.
- **E8.** Khodzhaev S.A. Features of constructive and technological solutions for enclosing structures of energy-efficient buildings // Production of energy- and resource-saving building materials and products / Collection of proceedings of the 2nd scientific and practical seminar with the participation of foreign specialists November 8-9, 2013, Tashkent, TASI. volume 2.-pp. 8-13.
- **E7.** Khodjaev S.A. The stressing concrete on the basis of expanding additive. // Ibausil. 18. Internationale Baustofftagung 12-15 September 2012 / Bauhaus-Universitat Weimar. Tagungsbericht Band 2. S.0629-0635.

- **E6.** Musurmankulov A., Khodjaev S. The structure and property peculiarities of concretes on sulfoferritic stressing cement // Ibausil. 17. Internationale Baustofftagung 23-26 September 2009 / Bauhaus-Universitat Weimar. Ta-gungsbericht Band 2. S.0753 0758.
- **E5.** Yakubzhanova Z.B., Khodzhaev S.A., Iskandarova M.I. Microstructure of stone cement composites with thermally activated alunite-containing rock // Urgent problems of ensuring the integration of science, education and produc-tion / The International scientific-practical conference. -Tashkent, 2008.
  - **E4.** Yakubzhanova Z.B., Khodzhaev S.A. and others. Multicomponent cements on a Portland cement matrix with carbonate and alunite-containing filling: Abstracts. International conference "Chemical technology". -M., 2007. T.1. pp. 278-279.
  - **E3.** Khodzhaev S.A. Tensing cement based on alunite rocks of Uzbekistan // Materials of the VII International Central Asian Conf. "Cement industry and market" (November 12-14, 2007, Tashkent) (4 pp.)
  - **E2.** Chodshaew S.A. Besonderheiten der Struktur und Technologie wasserdichter Betone//ibausil.14.Internationale Baustofftagung 20-23 September 2000/Bauhaus-Universität Weimar.Tagunsbericht-Band 2.-S.1057-1064.
  - **E1.** Rakhmanov A.P., Khodjaev S.A. Registan Architectural Ensemble in Samar-kand. Problems of Protection, Restoration and Modern Usage//Historic monu-ments in seismic regions. Usbek-German Workshop. Bauhaus-Universität Weimar: Wissenschaftliche Zeitschrift. -1996.-J.42.-N.1-S.17-19.

### F. PEER-REVIEWED NATIONAL CONFERENCE ARTICLES (Chuqur tahrirlanadigan respublika konferensiyalardagi maqolalari)

- **F7.** Khodzhaev S.A., Kasymova S.T., Kadyrov R.R., Khodzhaev S.A. Experience in increasing energy efficiency in the construction and reconstruction of residential and civil buildings // Collection of proceedings of the scientific and technical conference "Current problems of urban construction and economy", Toshkent, TASI.-2017.-P. 166-173.
- **F6.** Khodzhaev S.A., Kasymova S.T., Baranovskaya I.Z., Kadyrov R.R. Structural and technological features of increasing the thermal protection of existing buildings // Architecture-Kurilish fani and the epoch. XXV Material conference, 2 parts.T.: Still. -2016.- B.103-108.
- **F5.** 122. Khodzhaev S.A. Increasing the energy efficiency of residential and public buildings during their reconstruction and modernization //" The opposite of Yunergiya Manbalari and Ulardan foidalanishning Dolzarb Muammolari" the theme of the Republic of science-technik anjumanining materiallari balls. Bui 2015 yil November 25-26., Anjuman Buero State University 85 Yilligiga bagishlanadi-MZHCH "Vostok-bu bosmakhonasi, 2015.- B.193-197."
- **F4.** Khodzhaev S.A. Increasing the efficiency of energy consumption of buildings and structures is an urgent problem of our time // Binalarning energiya samaradorligin oshirish and kurilish physicasining dolzarb muammolari. Republic of Science technician anjumani materialari. Samarkand, 2015, May 14-15.- Samdak Publishing House, 2015.- B.165-169.
- **F3.** Khodzhaev S.A. Production of effective thermal insulation materials status and main directions of development // Kurilish ashelaring tuzilisi and hossalari yahshilash methodlari. Tashkent architecture-Kurilish Institute of Science Amalia seminar katnashilaring science love balls.Or.: Tashkent architecture-Kurilish Institute, 2015.- B.33-37.

- **F2.** Khodzhaev S.A. Architectural and planning principles for designing energy-efficient buildings // Architecture is an innovation. Republic of Ilmiy-Amali Anjuman materiallari tuplami. 1 kism.-T.:Toshkent architecture-Kurilish Institute, 2015.-B.30-34.
- **F1.** Khodzhaev S.A., Musurmankulov A.I. Features of self-stressing and strength of prestressing concrete // Kompozision construction materials theory and innovation technologies. Scientific and practical conference in the Republic.- T.: Taqi.2012y.-B.145-147.

### **G. BOOKS /TEXTBOOKS** (darsliklar / o'quv qo'llanma)

- **G5.** Khodzhayev S.A., Kasimova S.T., Tolipova N.Z. Modern methods of inspection of building materials and constructions: textbook, 2nd q. S.A. Under the editorship of Khodjayev.-Tashkent, TAQI, 2014.-179 p.
- **G4.** Khodzhayev S.A., Kasimova S.T., Tolipova N.Z. Modern methods of inspection of building materials and constructions: textbook, 1st q. S.A. Under the editorship of Khodjayev.-Tashkent, TAQI, 2014.-175 p.
- **G3.** Khodzhaev S.A., Kosimova S.T., Shadzhalilov Sh. et al. Metrology of building and design testing. Part 1 // TASI textbook. Tashkent: Tashkent book-magazine factory of the Press and Information Agency of Uzbekistan, 2002. 111 p.
- **G2.** Khodjaev S.A., Kosimova S.T. i dr. City engineering facilities. Part 2 // Study guide, TAKI. Tashkent: Tashkent Book-Magazine Factory of the Press and Information Agency of Uzbekistan, 2002.
- **G1.** Khodjaev S.A., Kosimova S.T. i dr. City engineering facilities. Part 1 // Study guide, TAKI. Tashkent: Tashkent book-magazine factory of the Press and Information Agency of Uzbekistan, 2001.

# **J. MONOGRAPHS** / **RESEARCH REPORTS** (monografiyalar / ilmiy tadqiqot hisobotlari)

- **J7.** Khodzhaev S.A., Kadyrov R.R., Khodzhaev S.A. Increasing the energy efficiency of residential and civil buildings / Ed. S.A. Khodzhaeva.-T.: "Fan va texnologiya", 2017, 404 p.
- **J6.** Innovative materials and technologies in construction.-T.: "Fan va texnologiya", 2016.-292 p.
- **J5.** Increasing the energy efficiency of buildings in Uzbekistan: directions of reforms and expected effects/B. Khodzhaev, S. Khodzhaev, R. Kadyrov, A Odilov.-UNDP. -Tashkent. 2014.-59 p.
- **J4.** NTO (scientific and technical report) on the topic BV Ateh 2018 28 "Structural systems of energy-efficient earthquake-resistant residential and civil buildings with energy-saving enclosing structures based on local materials and improving the regulatory and methodological framework for their design and construction" (final) / Tashkent.-Republican Center for Standardization and Certification in construction. 2020.-99s.
- **J3.** NTO on the topic NTP-14, A-14-001 "Constructive and technological principles and normative and methodological foundations for reconstruction, increasing thermal protection and

- energy efficiency of residential and public buildings" (final) / Tashkent Republican Center for Standardization and Certification in Construction 2017.-83s.
- **J2.** NTO on the topic NTP-14, A-14-019 "Increasing energy saving in housing and civil construction by improving the regulatory framework, developing effective thermal insulation materials and enclosing structures based on local raw materials and production waste" (final) / Tashkent. -Republican Center for Standardization and certification in construction. -2014.-99p.
- **J1.** NTO on the topic NTP 16, 16-014 "Development of technology for producing expansion additives from local raw materials and prestressing concrete based on them" (final) / Tashkent Republican Center for Standardization and Certification in Construction. 2011.-72s.
- H. BOOKS / BOOK CHAPTERS /REGULATORY DOCUMENTS (kitoblar / normativ hujjatlar)
- **H15.** Handbook of building materials and products for interior design and decoration/S.A. Khodzhaev, A.A. Tulaganov, S.S. Saidrasulov, N.Yu. Bogdanova, M.S. Mustapov, Sh. Z. Nuriev, S.S. Golubeva; edited by S.A. Khojaeva.-Tashkent. -2015.-72s.
- **H14.** ShNK 2.03.05-13 "Steel structures. Design standards" / Ministry of Construction of the Republic of Uzbekistan Tashkent. -2023.-311 pp.
- **H13.** КМК 3.03.01-22 «Несущие и ограждающие конструкции»/ Минстрой РУз.-Ташкент. -2022.-209 с.
- **H12.** KMK 2.03.01-21 "Concrete and reinforced concrete structures" /Ministry of Construction of the Republic of Uzbekistan.-Tashkent. -2021.-228 p.
- **H11.** KMK 3.03.07-21. "Production of products from cellular concrete"/Ministry of Construction of the Republic of Uzbekistan Tashkent, 2021, 49 p.
- **H10.** KMK 3.04.01-21. Insulating and finishing coatings / Ministry of Construction of the Republic of Uzbekistan. Tashkent, 2021. 95 p.
- **H9.** KMK 2.03.11-96 "Protection of building structures from corrosion" Ministry of Construction of the Republic of Uzbekistan Tashkent. -2020.
- **H8.** KMK 2.01.03-19 "Construction in seismic areas" // Ministry of Construction of the Republic of Uzbekistan.-Tashkent. -2020.-112 p.
- **H7.** KMK 2.03.10-2019 "Roofs and Roofs"/Ministry of Construction of the Republic of Uzbekistan.-Tashkent.-2019.-73p. <a href="https://www.minstroy.uz">www.minstroy.uz</a>.
- **H6.** KMK 2.03.13-2019 Floors/Ministry of Construction of the Republic of Uzbekistan. Tashkent. -2019.-50s. <a href="https://www.minstroy.uz">www.minstroy.uz</a>.
- **H5.** ShNK 2.08.01-2019 Residential buildings/Ministry of Construction of the Republic of Uzbekistan Tashkent. -2019.-40s. <a href="https://www.minstroy.uz">www.minstroy.uz</a>.

- **H4.** KMK 2.03.04-2019 Production of prefabricated reinforced concrete structures and products / Ministry of Construction of the Republic of Uzbekistan Tashkent. -2019.-87 p.
- **H3.** KMK 2.01.04-2018 Construction heating engineering/Ministry of Construction of the Republic of Uzbekistan.-Tashkent. -2018.-102s.
- **H2.** KMK 2.01.18-2018 Energy consumption standards for heating, ventilation and air conditioning of buildings and structures / Ministry of Construction of the Republic of Uzbekistan Tashkent. -2018.-41s.
- **H1.** KMK 2.04.16-2018 Solar hot water supply installations/Ministry of Construction of the Republic of Uzbekistan Tashkent. -2018.-30 p.

CITA	CITATION			
Scopus: Google Scholar:				

#### **FUNDED RESEARCH PROJECTS**

(ilmiy loyihalarda ishtiroki (maosh olganligi))

- 3. BV Ateh 2018 28 "Structural systems of energy-efficient earthquake-resistant residential and civil buildings with energy-saving enclosing structures based on local materials and improvement of the regulatory and methodological basis for their design and construction." (2018-2020 years)
- 2. A-14-001 "Structural and technological principles and normative and methodological foundations for reconstruction, increasing thermal protection and energy efficiency of residential and public buildings" 2015-2017
- 1. A-14-019 "Increasing energy saving in housing and civil construction by improving the regulatory framework, developing effective thermal insulation materials and enclosing structures based on local raw materials and production waste" 2012-2014
- **1.** NTP 16, 16-014 "Development of technology for producing expansion additives from local raw materials and prestressing concrete based on them" 2009-2011

### GRADUATE RESEARCH SUPERVISIONS / ADVISING (Ilmiy rahbar / maslahatchi boʻlganligi)

### **Doctoral students (Ph.D.)** (doktorantlarga rahbarligi)

- 1. Independent applicant (Ph.D.) of the Turin Polytechnic University in Tashkent B.A. Tulaganov, topic: Assessment of seismic vulnerability and damageability of buildings using methodological approaches of the European macroseismic scale. 05.09.01 Building structures, buildings and structures
- 2. Doctoral student (Ph.D.) of the Tashkent University of Architecture and Civil Engineering Yakubov Alimardon Abdugoppor ugli, topic: Composition and properties of modified polystyrene concrete for enclosing structures in a sharply continental climate. 05.09.05– Construction materials and products

## The following dissertations have been defended for an academic degree: (Ilmiy daraja uchun quyidagi dissertatsiyalar himoya qilingan)

- 1. Candidate of Technical Sciences Musurmankulov Abdugani in 2007, specialty 05.23.05 "Building materials and products";
- 2. Doctor of Technical Sciences (DSc.) Kasymov Ibrahim Irkinovich in 2019, specialty 09.23.05 "Building materials and products";

3. Doctor of Philosophy (Ph.D.) in technical sciences – Tulaganov Bahrom Abdukabilovich in 2022, specialty 09.23.01 "Building structures, buildings and structures."

### MASTER'S (M.Sc.) Mathematics

(Magistrlarga rahbarlik, fan sohasi)

- 1. Ishniyazova I. Tashkett Institute of Architecture and Construction, 2008.
- 2. Tagaeva I.Z. Tashkent Institute of Architecture and Construction, 2013.
- 3. Sirajev A Tashkett Institute of Architecture and Construction, 2015.
- **4.** Askarova Zh.A. Tashkett Institute of Architecture and Construction, 2016.
- **5.** Buriev V. Tashkett Institute of Architecture and Construction, 2017.
- **6.** Erkabaev H. Tashket Institute of Architecture and Construction, 2018.
- 7. Berdiyorova Yu.G. Tashkent irrigation va qishlok hyzhaligini mechanization lash muhandislari institute milliy tadqikot universities (TIQXMMI), 2022.
- **8.** Yakhoev O.R. TIQXMMI, 2022
- 9. Nabiev A. A. TIQXMMI, 2022.
- 10. Khamzaev F. E. TIQXMMI, 2022
- 11. Ulugberdiev S. Sh. Tashket Institute of Architecture and Civil Engineering, 2022.
- 12. Abdurakhimov Yu.M. Tashkett Institute of Architecture and Construction, 2022.

### **COURSES TAUGHT** (o'qitadigan darslari)

### UNDERGRADUATE (bakalavr talabalariga)

- **1.**System of regulatory documents in construction
- **2.**City engineering structures

### GRADUATE (magistr talabalariga)

- 1. System of regulatory documents in construction
- 2. Architectural design and regulatory framework for construction

### В СИСТЕМЕ ПОВЫШЕНИЯ КВАЛИФИКАЦИИ

- 1. System of regulatory documents in construction
- 2. Energy efficiency engineering of buildings
- 3. Increasing the energy efficiency of buildings during the reconstruction of housing stock

### PROFESSIONAL SERVICES (malakali xizmatlar)

- 1. Development/revision of urban planning norms and rules under agreements with the Ministry of Construction and UNDP in Uzbekistan.
- 2. Examination of residential building projects under an agreement with Kishlokkurilishloikha LLC.
- 3. Examination of design documentation in terms of ensuring energy efficiency of designed facilities.
- 4. Explanation of the provisions of regulatory documents on requests from various organizations involved in the design and construction of residential and public buildings.

#### **Referee in International Journals**

### ASSOCIATIONS / AFFILIATIONS (Ilmiy jamiyatlarga a'zoligi)

Deputy editor-in-chief of the scientific and technical magazine "Architecture. Construction. Design."

Member of the editorial board of the scientific and technical journal "Architecture and Construction of Uzbekistan"

Chairman of the Scientific and Technical Council "Architecture, Construction, Design and Urban Planning of the Ministry of Innovative Development (2019-2020, 2022-2023)

Member of the scientific and technical council, created under the Ministry of Higher Education, Science and Innovation, the Ministry of Construction and Housing and Communal Services, the Agency for Technical Regulation, as well as the Uzsanoatkurilishmateriallari Association (2019 - present)

Chairman of the scientific seminar at the DSc Scientific Council. 26/30.12.2019 at TASI (2017-2021)

Deputy Chairman of the Scientific Seminar of the DSc Scientific Council. 26/30.12.2019 at TASU

Member of the DSc Scientific Council. 26/30.12.2019 at TASU

Member of the dissertation council in the direction of "Architecture and Construction" at the NJSC "Kazakh National Research Technical University"