



Indira Khodjamuratova

Date of birth:
09/01/1994

Nationality: Karakalpak
Gender: Female

CONTACT

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WORK EXPERIENCE

2018 – 2020 — Teaching assistant, Department of Methods of Teaching Mathematics, Nukus State Pedagogical Institute

2023 – 2024 — Associate Professor, Department of Applied Mathematics, Tashkent Institute of Information Technology (TMC Institute)

2024 (until 26.08.2024) — Senior Lecturer, Department of Higher and Applied Mathematics, Tashkent State University of Economics (PhD position)

2024 – 13.09.2025 — Acting Associate Professor, Department of Mathematics, Tashkent University of International Financial Management

15/09/2025 – CURRENT – Tashkent, Uzbekistan

Acting Associate Professor of the Department of Industrial management and digital technologies

Nordic International University

Prepare pupils for entering the university by giving lessons.

Teach the pupils how to think creatively, logically, and be creative.

EDUCATION AND TRAINING

02/09/2012 – 01/07/2016 – Nukus city, Uzbekistan

Bachelor degree (matematics)

Karakalpak state University

Field(s) of study

General

-English, Mathematical Analysis, Algebra, Functional Analysis,

Discrete Mathematics, Theory of Algorithms, Mathematical Logic,

Probability Theory and Mathematical Statistics, Analytical

Geometry, Differential Geometry, Differential Equations, Physics,

Russian

02/09/2016 – 16/07/2018 – Tashkent, Uzbekistan

Master degree (Mathematics)

National University of Uzbekistan

Field(s) of study

General

-Algebra

-Mathematical Analysis

-Functional Analysis

-Theory of Algorithms

-Differential Equations

1/01/20–31/10/22 PhD student

National University of Uzbekistan, Tashkent (Uzbekistan)

Researching on the topic “Effective topological spaces over algorithmic representations of universal algebras”

Publishing scientific articles and research paper

Writing and defining dissertation thesis at the end of programme.

LANGUAGE SKILLS

MOTHER TONGUE(S): Karakalpak, Uzbek

OTHER LANGUAGE(S):

English

Listening
B2

Reading
B2

**Spoken
production**
B2

**Spoken
interaction**
B2

Writing
C1

Russian

Listening
C1

Reading
C1

**Spoken
production**
C1

**Spoken
interaction**
C1

Writing
C1

COMMUNICATION AND INTERPERSONAL SKILLS

Good communication skills gained through my experience as

Friendliness

- Confidence
- Empathy
- Open-Mindedness
- Respective

DIGITAL SKILLS

My Digital Skills

SELF-ASSESSMENT / Microsoft Office, Microsoft Word, Microsoft Excel, Outlook, Facebook, Google

PUBLICATIONS

Educational literature

1. Xodjamuratova I.A., “Diskret matematika va matematik mantiq elementlari”, o’quv-uslubiy qo’llanma, - N, “Darhanprint”, 2025, 100 bet.
2. Xodjamuratova I.A., Ergashev.F.Sh., Ashurova.N.A., “Diskret matematika va matematik mantiq elementlari”, mustaqil ishlash uchun misol va masalalar to’plami, - N, “Darhanprint”, 2025, 45 bet.

List of scientific articles

1. Khasymov N.Kh., Khodjamuratova I.A., “On Compact Extensions of Effective Spaces” **Proceedings of the Academy of Sciences of the Republic of Uzbekistan**, 2017, C. 9-11. №5
2. Khasymov N.Kh., Khodjamuratova I.A., “Topological Spaces over Algorithmic Representations of Universal Algebras”, *Journal of Mathematical Sciences*, 2020, **245**, №3, 311-322.
3. Khodjamuratova I.A., Javliev S.K., “On a Class of Universal Algebras Whose All Hausdorff Numberings Are Negative”, *Bulletin of the Institute of Mathematics*, 2021, **4**, №2, 39-45.
4. Khasymov N.Kh., Morozov A.S., Khodjamuratova I.A., “On T_1 -Separable Numberings of Subdirectly Irreducible Algebras”, *Algebra and Logic*, 2021, **60**, №4, 263-278.
5. Khasymov N.Kh., Dadajonov R.N., Khodjamuratova I.A., “Uniformly Computably Separable Algebras with Effectively Splittable Families of Negative Congruences”, **Siberian Mathematical Journal**, –2022. Tom 63, –C. 466-475.
6. Khodjamuratova I.A., “On Representability over Equivalences of Translation-Complete Finitely Generated Algebras and Semigroups”, **Bulletin of the Institute of Mathematics of the Academy of Sciences of the Republic of Uzbekistan**. – 2022. Tom 5, №6. –C. 151-155.
7. Khodjamuratova I.A., “Uniformly Computably Separable Algebras and Productivity-Type Conditions”, **“Scientific Impulse” International Journal**, 2023 p.36-40.
8. Khasymov N.Kh., Khodjamuratova I.A., Karimova N.R., “On the Negativity of Separable Numberings of Fields of Finite Characteristic”, “Mathematics and Theoretical Computer Science” (ISSN 2949-3919), Kazan, 2025 3-tom, p.19-31. doi:10.26907/2949-3919.2025.2.19-31.