



IMPACT REPORT ICT4GIRLS:

Where hidden talent meets
global opportunity

2024-2025



implemented by



MINISTRY OF
DIGITAL TECHNOLOGIES OF
THE REPUBLIC OF UZBEKISTAN



DIGITAL EDUCATION
DEVELOPMENT
CENTER

with support from



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ICT4Girls — Talent Has No Gender, Opportunity Has No Limits

ICT4Girls is not just a project—it's a **national movement redefining what's possible for women in technology**. It builds confidence, challenges stereotypes, and transforms girls into role models who lead the next generation of digital innovators. Through **intensive bootcamps, international expert training, global informatics olympiads, and parental awareness campaigns**, ICT4Girls empowers young women to rise, compete, and inspire.

Our mission is clear: **girls should not only participate in technology—they should lead, innovate, and represent Uzbekistan on the global stage.**

working towards:

SUSTAINABLE
DEVELOPMENT
GOALS

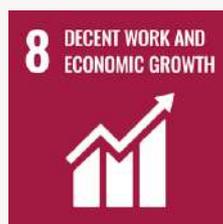


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Director's Message

Mr. Azamat Eshankulov

Director,
Digital Education
Development Center (DEDCC)



This Impact Report tells the story of ordinary girls achieving extraordinary results. When we invest in their skills, confidence, and creativity, we don't just open new doors for them — we unlock new horizons for our nation.

From hundreds of regional participants to national champions and EGOI medalists, ICT4Girls demonstrates that talent knows no boundaries and that inclusion drives excellence. These girls are not only learning technology—they are helping shape the future of Uzbekistan's digital landscape.

Together with our partners, we will continue to build on this momentum, ensuring that every girl — no matter where she lives — has the opportunity to learn, lead, and thrive in our country's digital economy.

INTRODUCTION TO ICT4GIRLS

1. NATIONWIDE TALENT SELECTION

Through a nationwide open call and transparent selection process, ICT4Girls identifies talented schoolgirls **aged 14–18** from every region of Uzbekistan. The multi-stage evaluation includes regional and republican rounds with rigorous testing in problem-solving and programming (**Python and C++**).

From regional competitions, **45** strong candidates advance, and at the national level the top **12** finalists are selected based on their demonstrated algorithmic and coding excellence.

2. NATIONAL BOOTCAMP

Finalists participate in an intensive national bootcamp led by experienced trainers and field experts in competitive programming and algorithmic problem-solving. The program provides hands-on training in **Python, C++**, and **computational thinking** to strengthen both technical and analytical skills. All accommodation, meals, and expenses are covered to ensure equal access for all participants.

At the end of the bootcamp, the **top four performers** are selected to represent Uzbekistan at international informatics olympiads, including the European Girls' Olympiad in Informatics (EGOI).

3. SUMMER BOOTCAMP

A national selection process identifies **schoolgirls** and **female public-school ICT teachers** for a two-week intensive summer bootcamp. Led by local and international trainers, the program enhances both student and teacher capacity in coding, algorithmic thinking, and problem-solving.

Participants engage in practical sessions, mentorship, and collaborative learning to strengthen technical and teaching competencies.

The bootcamp concludes with a **competitive programming contest** for girls and teachers, recognizing exceptional performance and encouraging continued achievement.

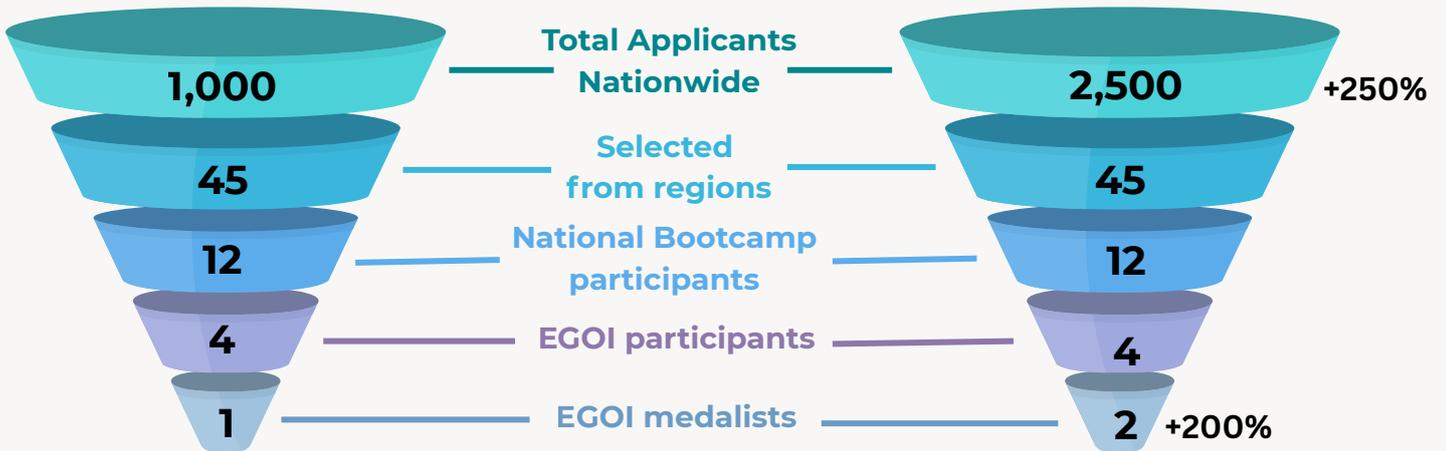
4. COMMUNITY ENGAGEMENT AND MINDSET CHANGE

ICT4Girls **medalists** and **graduates** serve as **national ambassadors** and peer mentors, motivating girls across Uzbekistan to pursue ICT education and careers in technology. They lead outreach campaigns for parents and communities in all regions, highlighting the **transformative impact of ICT education for girls**. These sustained efforts have contributed to a growing shift in public attitudes - families and communities increasingly support girls in pursuing education and careers in technology.

PROGRAM IMPACT

PHASE 1: 2024

PHASE 2: 2025



Phase 1 and Phase 2 : National Intensive Bootcamps

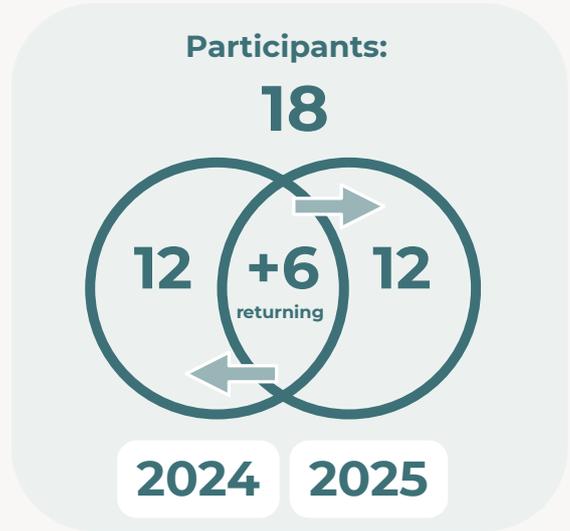


Phase 3: Summer Bootcamp 2025



PROGRAM OVERVIEW

2024-2025 National Bootcamp Participant Demography



After participation in ICT4Girls

18

all bootcamp participants reported **significant improvements** in technical skills and confidence

7

full **university scholarships** awarded

2,500+

parents reached through **outreach campaigns** led by EGOI medalists

3

bronze medals at EGOI
1 in 2024 and 2 in 2025

180+

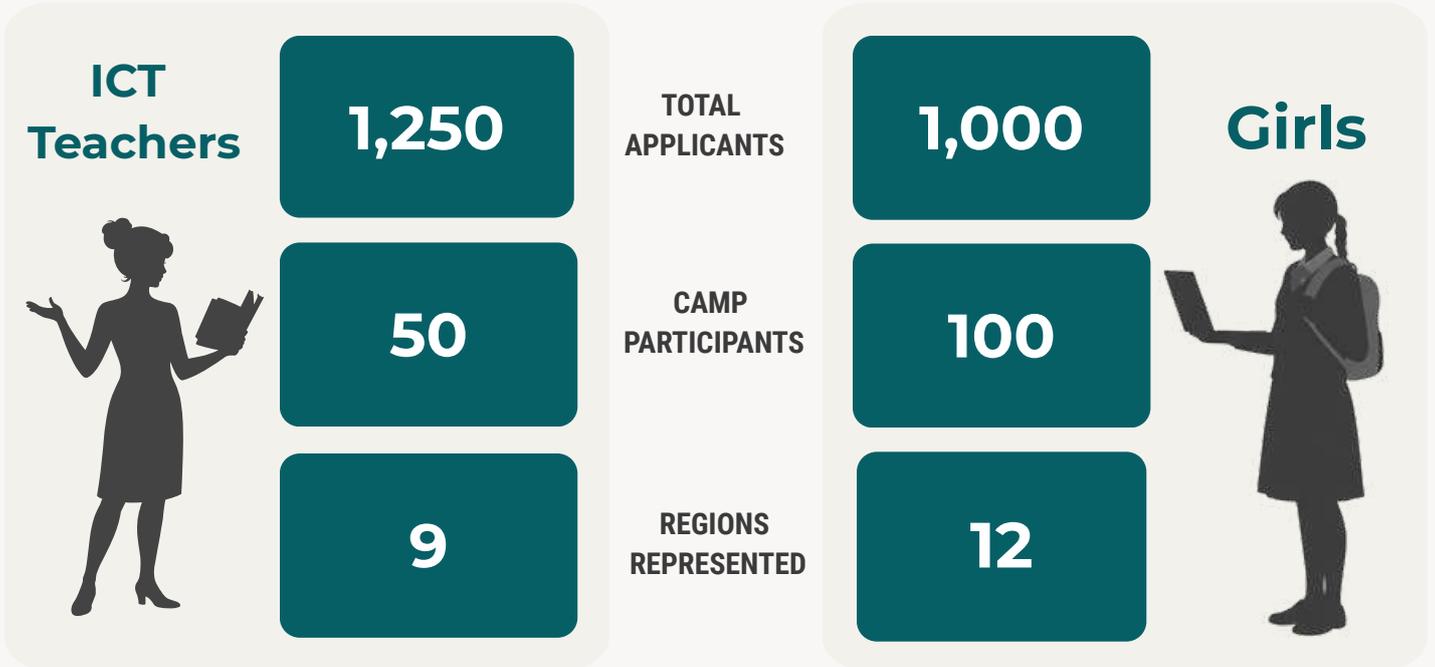
hours of intensive IOI 2026 **prep training** in progress

3

all EGOI medalists are preparing to represent **Uzbekistan** at the IOI 2026

PROGRAM OVERVIEW

Summer Bootcamp 2025



100%

Adoption of New Teaching Tools

of the 50 trained female ICT teachers adopted at least one new digital or methodological tool for classroom integration

92%

Enhanced Technical Skills

of participants demonstrated measurable gains in problem-solving skills using C++ and Python

88%

Increased Motivation for IT Careers

of participated girls reported increased motivation to pursue IT-related university majors and careers

70%

Improved Soft Skills

of participants showed progress in teamwork, communication, and critical thinking during group projects and competitions.

68%

Knowledge Sharing and Networking

of students and teachers remained actively engaged through monthly follow-up webinars and the mentorship group.
https://t.me/ict4girls_community/1

PARTICIPANT SUCCESS STORIES



ZARNIGOR RAKHIMOVA

ICT4Girls Ambassador



Zarnigor Rakhimova, a talented girl from a small town in the Bukhara region, is a shining example of how the ICT4Girls initiative transforms lives. Her participation in the program equipped her with advanced programming skills, confidence, and mentorship that unlocked new opportunities.



EGOI 2024
Bronze Medal

In 2024, Zarnigor earned a **bronze medal** at the **European Girls' Olympiad in Informatics (EGOI)** — a milestone achievement and the first international informatics medal ever won by a girl from Uzbekistan.

As a result of her success, she received a full scholarship to pursue a Bachelor's degree at Amity University in Tashkent, along with free on-campus accommodation. Today, Zarnigor works part-time at the Digital Education Development Center, coordinating Uzbekistan's youth participation in international informatics Olympiads.

As a national role model, she leads outreach campaigns across the country, inspiring girls and their parents to believe in the transformative power of ICT education and in the limitless potential of women to lead in technology.

Her Achievements

- **Terrobyte Hackathon 2024** (Developers Girls category) – 1st place
- **Best Programmer Uzbekistan 2024** – 4th place
- **KEP Junior Algorithmics 2024** – 5th place
- **Balatech International Olympiad 2022** – bronze medalist
- **Promising IT Projects Contest 2021** – 3rd place.

PARTICIPANT SUCCESS STORIES



Oysha Mirzatillaeva

From Middle School to EGOI Glory:
Uzbekistan's Rising Tech Star

**Al-Khwarizmi International
Mathematics and Informatics
Olympiad 2025
Silver Medal**



**EGOI 2025
Bronze Medal**



Oysha Mirzatillaeva, a 9th-grade student from a Tashkent public school, represented Uzbekistan at EGOI 2024 and went on to win a bronze medal at EGOI 2025. She also earned a silver medal at the Al-Khwarizmi International Mathematics Olympiad 2025, demonstrating exceptional talent in both programming and mathematics and highlighting the powerful impact of ICT4Girls.

Malika Khojamuratova

From Karakalpakstan to EGOI:
Proving Girls in Tech Have No Limits

Malika Khojamuratova, a talented 10th-grade student from the Karakalpakstan Republic, is emerging as one of Uzbekistan's brightest young leaders in STEM. She earned a bronze medal at EGOI 2025 and a silver medal at the European Girls' Mathematical Olympiad 2025 in Kosovo—achievements that reflect her exceptional dedication, discipline, and passion for mathematics and computer science.



**European Girls'
Mathematical Olympiad
2025
Silver Medal**



**EGOI 2025
Bronze Medal**





PEOPLE BEHIND ICT4GIRLS



MUKHLISA KHUDAYBERGANOVA

- Head of Talented Youth Engagement, DEDC
- Initiator and Lead of the ICT4Girls National IT Olympiad
- Coordinator of the Asia-Pacific Informatics Olympiad (APIO) 2025 hosted by Uzbekistan
- National Coordinator of the International Olympiad in Informatics (IOI) 2026 in Uzbekistan



LinkedIn



JAHONGIR ZOHIROV

- Supporting team for EGOI, APIO 2025, and IOI 2026;
- Implementers of national training camps and mentorship programs;
- Contributors to youth talent development and digital inclusion in Uzbekistan.



LinkedIn



LinkedIn



AZAMAT SEYDALIYEV



DILSHODBEK KHUJAEV

- ACPC 2024 Bronze Medalist;
- QCPC 2024 Champion
- Top 1% on Codeforces;
- Co-author of 5 CodeChef contests;
- Contributor to WeCreateProblems;
- Member of the APIO Scientific Committee;
- Co-founder of the CP-Uz Community;
- Mentor and Trainer of Uzbekistan's National Teams for EGOI and IOI



LinkedIn



LinkedIn

- Winner of the Republic Olympiad in Informatics 2022
- Champion of ICPC Uzbekistan Regional Contest 2023
- Member of the Technical Committees for the APIO 2025 and the IOI 2026



DAVLATBEK MIRAKILOV



Be part of a movement that transforms talent into global achievement

With your support, ICT4Girls can reach more rural communities, train more educators, and help more girls represent Uzbekistan on international stages



**Support &
Sponsor**

ICT4GIRLS



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