



“The 6th Online Training to ICPC Contestants on Complex Computing Problems and Preliminary Contest”



November 16-17, 2024

GHULAM ISHAQ KHAN INSTITUTE OF ENGINEERING SCIENCES AND TECHNOLOGY (GIK)

INTRODUCTION

The sixth Online Training to ICPC Contestants on Complex Computing Problems and a Preliminary Contest will be held on 16-17 November 2024 at the Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Topi. The International Collegiate Programming Contest (ICPC) is a team-based, programming competition that fosters problem-solving, programming and teamwork skills amongst university students around the globe. It is the oldest, largest, and most prestigious programming contest in the world also considered as the “World Cup of Computing”. ICPC involves a network of dozens of universities hosting Regional competitions. Participation in Regionals has grown to thousands of the finest students in computing disciplines at over 3,322+ universities from over 115 countries in six continents. The winner team of regionals qualifies for ICPC World Finals to compete with the best teams of the world. It is worth mentioning here that most world-renowned universities and institutes from all over the world, like MIT, Stanford, Oxford, Moscow state university and many others are active participants in this competition.

In recent years, Pakistan has actively participated in both local and regional ICPC competitions, showcasing the talent and potential of our students. However, our presence at the esteemed ICPC World Finals has been limited thus far. This is precisely why we are determined to bring about a significant change. Over the past five years, the responsibility of hosting the ICPC Regional Center in Pakistan has been entrusted to the GIK Institute of Engineering Sciences and Technology. Through our efforts, we have successfully organized numerous national, regional, and international ICPC contests, attracting participation from students representing over 30 esteemed engineering universities across the country. The fruits of our labor became evident when a team from FAST-NUCES, Karachi proudly represented Pakistan in the ICPC World Finals held in Moscow in 2021 followed by FAST-NUCES, Lahore participating in the 45th ICPC World Finals hosted in Dhaka, Bangladesh in 2022. Two teams from GIK Institute participated in the 47th & 48th ICPC World Finals held in Luxor, Egypt in April 2024.

To acquire global distinction at ICPC World Finals we are organizing these rigorous training workshops and contests for improving the programming skills of Pakistani students to efficiently solve complex computing problems.

Programming Languages

- C/C++
- Kotlin
- Java
- Python

REGISTER



VENUE



IMPORTANT DATES

- Registration opens **1st October 2024**
- Registration closes **31st October 2024**
- Training and Contest Dates **16-17th November 2024**

ORGANIZING COMMITTEE

Asia Topi Core-Team

- Dr. Masroor Hussain, Professor, GIK Regional Director, ICPC Asia-Topi
- Ms. Sarah Sajjad, Deputy Director, ICPC Asia-Topi
- Dr. Iffat Maab, Associate Director, ICPC Asia-Topi
- Engr. Ehtisham Hassan, Coordinator, ICPC Asia-Topi
- Dr. Ghulam Abbas, Chief Invigilator, ICPC Asia-Topi

System Co-Chairs

- Dr. Usman Haider, FAST-NUCES, Islamabad
- Mr. Shakir Ahmed, GIK Institute Topi

Marketing Co-Chairs

- Ms. Sarah Sajjad, ICPC Asia Topi
- Mr. Ali Shaukat, GIK Institute Topi

Trainers/Judges

- Dr. Usman Habib (Chief Judge) FAST-NUCES, Islamabad
- Dr. Syed Fawad Hussain, University of Birmingham
- Dr. Syed Atif Mehdi, University of Central Punjab
- Dr. Raja Hashim Ali, GIK Institute, Topi
- Dr. Yasir Niaz Khan, Punjab Safe Cities Authority
- Dr. Arshad Islam, FAST-NUCES, Islamabad
- Dr Adeel Ashraf Cheema FAST-NUCES, Faisalabad Campus
- Ms. Ayesha Siddiqua, Noon, Dubai
- Mr. Sauban Bin Usman, Bolt, Estonia

Webmaster

- Mr. Sagheer Khan, GIK Institute

Registration

- Graduate Student Society, GIK
- ACM GIK & Islamabad Chapters

CALL FOR REGISTRATION

A team comprise of three undergraduate students registered in a HEC recognized institute/university including a coach from the same institute/university. If a team wishes to be able to qualify for the ICPC World Finals, then before competing in ANY regional qualifying event, the coach and all team members must be fully registered in the ICPC Registration System. Incomplete registration or circumvention that leads to incomplete or false data is grounds for immediate disqualification.

To register for the online preliminary contest and training, follow: <https://giki.edu.pk/icpc/registrations/>

Top 40-60 teams will be invited to onsite-regional contest after the result.

SPONSORS

