

SZABIST Technology Festival

Department of Computer Science, SZABIST Islamabad is going to organize the 1st Intra-University SZABIST Technology Festival (**ZabTechFest 2019**) on **14th December 2019**. ZabTechFest consists of Speed Programming, Poster Designing, and E-Gaming competitions. The objective of this event is to provide an opportunity for the students of SZABIST Islamabad campus to take part in one of the best technological competition to improve their communal skills.

Students from all the departments of campus are welcome to participate in any competition of ZabTechFest 2019. Department of Computer Science and Software Engineering, SZABIST Islamabad Campus has been established with state of the art labs and equipped with the latest technologies. Faculty is striving hard for excellence and to build a strong relationship between industry and academia. These competitions help students in showcasing their talent in front of industry leaders and get exposure of cutting edge technology and a golden chance of participation in upcoming Inter-University Competitions.

Register at:

<https://forms.gle/dFK26mGX3NYsRzsy5>

ZabTech

Win
A Chance to
Participate
in inter-University
Competition

1st Intra-University
Technology
Competition.

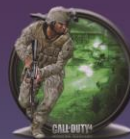


Speed Programming

- * Construct
- * Combine
- * Debug
- * Run

Registration Fee:

Rs 500



e-Gamming

- * Call of Duty
- * Tekken

Registration Fee:

Rs 200 (Single Player)
Rs 500 (Multiplayer)



Poster Design

- * Creativity
- * Team Work
- * Freedom to express your imagination

Registration Fee:

Rs 500

**Last Date for
Registration**

4th November, 2019

For Registration Visit:

<https://szabist-isb.edu.pk/zabtech>



SZABIST Islamabad
Department of Computer Science

Speed Programming Competition



- Learn and explore how to find a solution for daily life problems.
- Understand, Design and program your own solutions.
- Learn how to solve any problem with time constraints.
- Develop a winning solution of a given problem to show your skills that you have learned in courses including Programming Fundamentals, Object-Oriented Programming, Data structures.
- Selected as winning team from SZABIST-ISB to participate in other university competitions.
- Selected as winning team from SZABIST-ISB to participate in Inter-university competitions.
- Cash Prizes for the winning team.

Participation:

All BS (CS), BS (SE) and related disciplines students of SZABIST-ISB can participate in this competition as a member of the team. Only two members are allowed in one team. The registration fee for participation is just **Rs.500 per team**. Students from any semester can participate. In case of more than 20 team's registration, teams will be shortlisted. Priority will be given to the senior students.

To participate in this competition you need to have skills of fast solution finding with implementation details under the time constraint. For competing you better have the idea of

- Basic programming structures
- Control structures
- Logical structures
- Object-oriented programming
- Data structures

To participate in this competition you should have good skills enough to program your solution in C++ or Java.

Rules and Regulations:

1. Only students of SZABIST-ISB are allowed to participate.
2. This competition will be on a team basis. There would be two members of each team.
3. Each team will have access to one computer workstation and is given (on paper) a set of independent problems that may be solved in any order, using SDI environment at <https://www.hackerrank.com>. Each solution is a program, composed of the team and submitted before the end time, in one of a language (C++ and Java).
4. Teams cannot use any electronic or programmable device other than the single computer workstation supplied by the contest.
5. Only the teams who have attended the demo session will be allowed to sit in competition.

Useful Links:

SDI Guide:

<https://www.youtube.com/watch?v=Unu6bDJ1pEI>

Problem Solving:

<https://www.youtube.com/watch?v=QfBNbMexTs>

https://www.youtube.com/watch?v=FbW_5ipDCbg

<https://www.youtube.com/watch?v=IOULodlgutA>

E-Gamming Competition



- Playing video games can reduce stress, lighten depression, and increase vision.
- Improve the ability to multi-task and improve decision-making skills.

- It improves problem-solving ability.
- Brain exercise. Many games require more thinking and planning so it is good for your brain.
- It develops gamers' attention and concentration.
- Cash Prizes for the winning team.

Participation:

The most interesting and the backbone of an event is E-gamming. E-gamming is an open area for every student. All undergraduate students from different disciplines can participate in this competition either as solo or a member of a team depending on the nature of game. Every team comprises of five members.

- Registration fee is **Rs. 250/-** (Five hundred only) per person.
- Registration fee is **Rs.1000/-** (Thousand only) per 5 members team.

Useful Links:

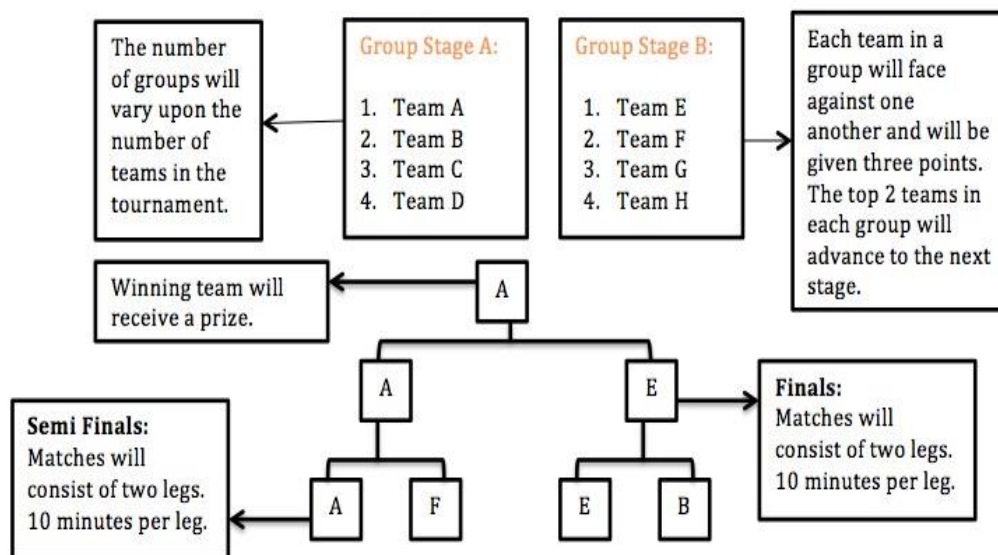
<https://www.youtube.com/watch?v=AzwBeDV5IAY>

<https://www.youtube.com/watch?v=a5k1uT2Orw0>

<https://www.youtube.com/watch?v=edYCtaNueQY>

Rules and Regulations:

1. A participant can bring his own console.
2. A single system/work station should be provided to a single player.
3. Event management has full authority to decline/accept registration.
4. Registration will be on a first come first serve basis.



Flow of Event:

- 1) Two days prior to the tournament the registration will close and the tournament matrix shall be created.
- 2) The matches will be announced along with the date and time of these matches.
- 3) The group stages will be held during the first half of the tournament.
- 4) The top two teams in the group stages shall advance to the next knockout rounds.
- 5) The finalists shall compete for glory and bragging rights.
- 6) The winning team and runner-up teams shall be given a prize.

Poster Designing Competition



- Freedom to express your imagination.
- Learning new techniques and skills.
- Chance to meet new designers.
- Improve your social skills.
- Opportunity to work with reputable companies.
- You can freelance.
- Just focus on designing.
- Cash Prizes for the winning team.

Participation:

All disciplines students can participate in this competition as a member of the team. Only two members are allowed in one team. The registration fee for participation is just **Rs.500 per team**.

To participate in this competition you need to have skills of fast solution finding with implementation details under the time constraint. For competing you better have the idea of

- Creativity
- Any Graphical tool i.e. Photoshop or Illustrator
- Team Work

Rules and Regulations:

1. Only students from different departments are allowed to participate.
2. This competition will be based on 2 person team.
3. Each contestant will have access to one computer workstation.
4. The platform will be Photoshop CS6.
5. A theme will be given at run time which will have to be completed in the given specified time.