IEEEXtreme - IEEE's Largest 24-Hours Programming Competition

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<Fill Details>
Student Ambassador
IEEEXtreme Programming Competition
Mail: <Fill Details>
Mob: <Fill Details>

Date | Location | Time

IEEEXTREME
PROGRAMMING
COMPETITION

IEEE

What is IEEEXtreme?

- IEEEXtreme is IEEE's premier programming competition, bringing thousands of students from around the world together into a 24-hour event

- IEEEXtreme is open to all undergraduate and graduate college students with an active IEEE student membership.

- The competition is hosted virtually and simultaneously around the world, and competitors are required to be proctored by a local IEEE professional member and are often supported by a local IEEE Student Branch
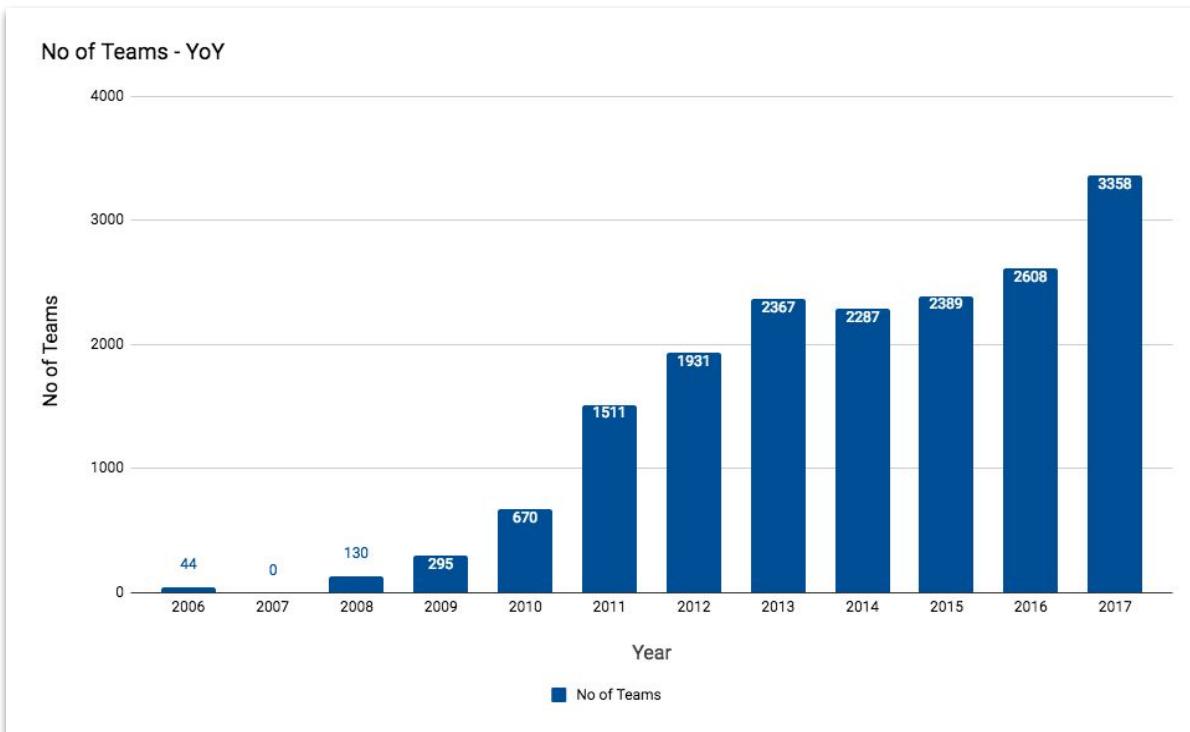
What makes IEEEXtreme unique?

- IEEEXtreme is one of the largest competitive programming events in the world; 8,300+ participating students in 2017

- IEEEXtreme always aims to be a welcoming and international community; we are open to any college student that wishes to join IEEE and compete—no matter their level of expertise, location, or university affiliation.

- The quality of our competition is carefully cared for by hundreds of IEEE volunteers and our leadership team is one of IEEE's most exemplary volunteer committees

A Quick History of IEEEXtreme

- The competition began in 2006 with 44 teams and hosted 3358 teams in 2017.

- A constant growth is been observed since inception.

No of Teams - YoY

Year	No of Teams
2006	44
2007	0
2008	130
2009	295
2010	670
2011	1511
2012	1931
2013	2367
2014	2287
2015	2389
2016	2608
2017	3358

30% YoY Growth during 2017

*Note: Most teams have 3 student members

IEEEXtreme 11.0 Winners
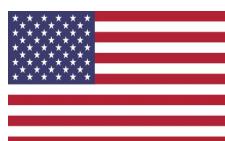
1st Place: Whatevs
*École Polytechnique Fédérale de Lausanne,
Switzerland, Region 8*

2nd Place: PoemAndWine
*University of Electronic Science and Technology of China,
China, Region 10*

3rd Place: GT
*Georgia Institute of Technology, Atlanta
USA, Region 3*

Eligibility to Participate?

Students

- IEEE Student Membership is Required.
- IEEE Membership Grade: Student or Graduate Level
- Students are the participants who join together & form the team.
- Participants can be from any discipline i.e computer science, electronics, electrical, IT etc.

Proctors

- IEEE Professional Membership is Required.
- IEEE Membership Grade: YP, Regular, Senior, Life Member.
- Students or Graduate Students can't be proctors
- Need not be from same department or same school.
- Must remain with team for 24-Hours or make alternate arrangements.

Volunteers

- IEEE Membership is Required.
- IEEE Membership Grade: Includes all grades.
- Each IEEE Student Branch can have one Student Member as Ambassador.
- *Judges (The Member who set the Problem Statement) - Need Not be an IEEE Member.* *
- *Judges are from Industry and Academia*

* Ambassadors & Judges are appointed by IEEEXtreme Executive Committee. Interested Members can write an email to IEEEXtreme@ieee.org

IEEEXTREME PROGRAMMING COMPETITION

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Team Composition / Qualification

- Maximum of 3 SM (or) 2 GSM 1 SM (or) 2 SM 1 GSM & Proctor
- Average of 2 SM (or) 2 GSM (or) 1 GSM, 1 SM & Proctor
- Minimum of 1 SM (or) 1 GSM & Proctor
  * SM - Student Member | GSM - Graduate Student Member

Important:

- *Maximum of only 2 GSM allowed per team.*
- *Universities and colleges can have multiple teams.*
- *Each team must have a proctor to supervise during the 24-hour programming competition and a proctor can only serve maximum of 8 Teams.*
- *Team members must solve and complete the problems without assistance from others.*

What is the Impact of IEEEXtreme?

Students

- Exposure to and networking with global programming community
- Receive team rankings relative to international competition
- Develop personal confidence in relation to personal coding skills
- Enjoy feedback on what skills are strong and what skills need development

Proctors

- Exposure to and networking with global programming community
- Enjoy the opportunity to connect with and mentor students
- Observe and note differing types of challenging programming questions
- Aid their local collegiate computer science program's exposure and prestige

Volunteers

- Exposure to and networking with global programming community
- Enjoy the opportunity to work with and give something back to coding communities
- Observe the volunteer efforts of others and emulate best practices
- Make a deeper connection to IEEE volunteer structures

IEEEXtreme Prizes

- **1st Place:** Full Paid Trip to any IEEE Conference (10,000$ Max / Per Team)

- **2nd Place:** Apple Watch Series 2 (400$ Max / One Each)

- **3rd Place:** Apple Watch Series 1 (300$ Max / One Each)

- **4th-100th Place:** Gift Bundle & Top-Coder T-Shirt

- **Top 30 Proctors:** Based on Participant Feedback from Survey (50$ Amazon Gift Card/Each)

Prizes are reviewed and revised yearly,
Void where prohibited by law.

Local IEEE Branches and Proctors

- Local branches and volunteers provide a lot of support that the IEEEXtreme committee & staff couldn't possibly provide to 8,300+ global students
  - Facilities, coordination, promotion, & support
  - Food and drinks

Practice Community

- Started in 2015, to assist **first time** IEEEXtreme Participants (Freshers to Coding)

- **Practice Problem Statements** - Previous Year Problem Statements are available for Solving.

- IEEEXtreme Challenges are available for solving at: www.csacademy.com/ieeextreme-practice/

- Practice Community will be open throughout the year to assist beginners.

IEEE

PR Ambassador Program
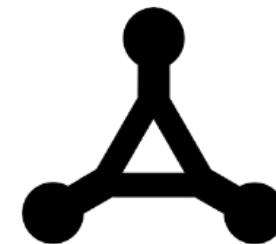
- A broad international effort to evangelize IEEEXtreme to Universities, Student Branches and Student Members

- PR Ambassadors assist student members in hosting IEEEXtreme at their respective student branch and also supporting non student branch members to finding venue

- PR Ambassadors host seminars and drive IEEEXtreme programming competition participation in Universities/Colleges; creating general awareness about the competition

- In 2018, IEEEXtreme is engaging 460 Student Volunteers (One Student Member Per SB) mostly from R8-R10.
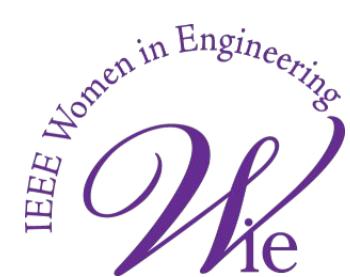
Moments of IEEEXtreme

Sponsors of IEEEXtreme

Platform Partner:
CS Academy

Outreach Partner:
IEEE Women in Engineering

Important Dates
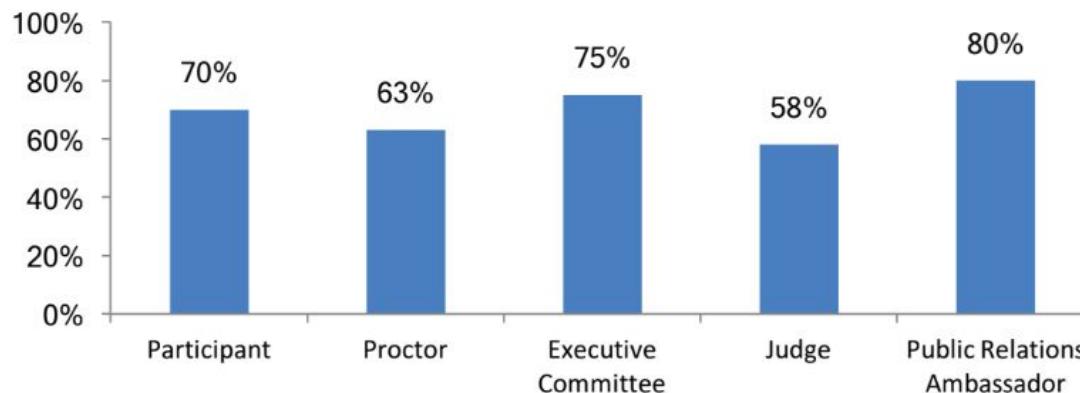
- Registrations
  - Starting Date: <mark>6th August 2018, Monday</mark>
  - Ending Date: 7th October 2018, Sunday

- Competition Date: 20th Oct 2018, Saturday
  (*Time: 00:00:00 UTC - 23:59:59 UTC*)

- Result Date: Within 2-3 weeks after Competition

  Result announcement date may change.

Feedback from IEEEXtreme 11.0 Participants & Volunteers

- Nearly Seven in Ten respondents (69%) said that the availability of activities such as IEEEXtreme makes them more likely to renew their IEEE memberships.
- Nearly Two-Thirds (65%) said that their IEEE Section's support for their team was done well or very well.
- 10% Increase in participants satisfaction (76% satisfied in 2017 compared with 66% in 2016)

Figure 1 – Likelihood to Renew Membership in IEEE

Source: IEEEXtreme 2017 Competition Survey Report prepared by IEEE Strategic Research
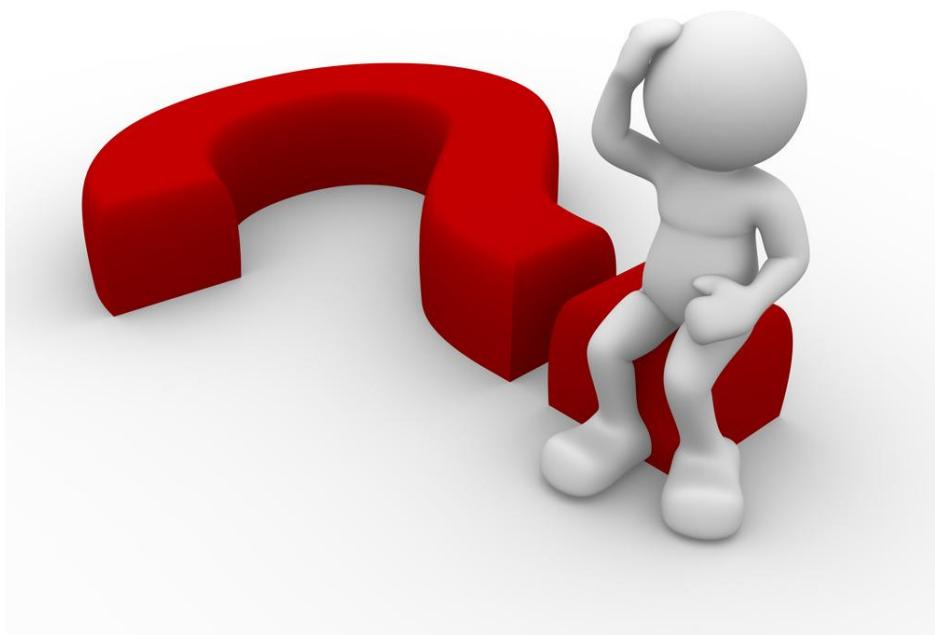
New Change to Rules*

In order to rank in the competition all teams must have a proctor in <u>confirmed</u> status. All proctors receive an email upon teams registering. The proctor then has the option to <u>confirm</u> or <u>decline</u> the request to proctor that team. Should the proctor ignore the email, the status of the proctor remains in <u>unconfirmed</u> status. At the time of the competition, all teams whose proctor remains in <u>unconfirmed</u> or <u>declined</u> status, while able to participate, will not be eligible for prizes or participation certificates. Additionally, their ranking in the competition will not be included in the final rankings. It is the team administrator's responsibility to verify the proctor's status prior to the competition.

*IEEE Legal approved

What's On Your Mind?

To reach
IEEEXtreme Team
IEEEXtreme@ieee.org

To know more visit
www.IEEEXtreme.org
Follow us at
www.fb.com/IEEEXtreme