

## 1. Chapter Information

**University:** Ain Shams, Faculty of Computer & Information Sciences.

**Address:** [Khalifa El-Mamoun Street, Al-Abassya Square, Cairo, Egypt.](#)

**Chapter Name:** **acmASCIS** - ASCIS stands for Ain Shams Computer and Information Sciences.

**Chapter Website:** <http://acmascis.org/>

**Social Media:**



## 2. Chapter officers:

**Chair** - Muhammad Alaa Afifi [muhammadafifi@acm.org](mailto:muhammadafifi@acm.org)

**Vice Chair** - Ahmed Hussein [ahmedhussein6@acm.org](mailto:ahmedhussein6@acm.org)

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**Faculty Sponsor** - Prof. Muhammad Marey [marey@acm.org](mailto:marey@acm.org)

## 3. Chapter Description

“*acmASCIS*” chapter was founded in 2002 with the goal of spreading knowledge in CS field and building a scientific community that encourages students to seek science as a way of life. In order to do that, we generally host technical events and orientation sessions given by CS experts and mainly organize technical training programs and contests. In our training programs, we aim to qualify students to achieve high ranks in National and Regional contests to reach the world finals (ICPC).

The acmASCIS chapter consists of 59 committee members.

## Chapter Activities

- ***Sharing Knowledge Events:***

- **Treasure Hunt**

- Students were divided into teams to play various mind, teamwork, algorithmic and pure fun games.

- The team with the highest score was awarded in the end.

- Attendees: 90

- **What's CS?**

- Introducing CS fields to freshmen through a series of interactive games.

- Attendees: 200+

- **TODO: Get an Internship**

- Speakers explained what're internships, their importance, how to nail one and preparing for interviews.

- Attendees: 90

- **Ibn Battuta and the Manuscript**

- We helped students know more about Arab scientists.

- A crew member dressed up as [Ibn Battuta](#) and urged students to look up those scientists. We talked to students about the scientists' contributions.

- Attendees: 150

- **Science Behind Robots**

- We explained robots' abilities and components, scientific fields behind robotics and the first step towards joining that field.

- Attendees: 50+

- **Introduction to Machine Learning**

- Basics of Machine Learning like feature extraction, supervised and unsupervised learning, pre- and post-processing.

- Attendees: 40+

- **Assembly Contest:**

- We helped in organizing a competitive programming Assembly contest between students.

- Attendees: 400

- ***Training Program:***

### **Junior Training 2015**

- **Level 3 Training:**

An advanced level of the training program, contains more complex topics.

- Attendees: 12

### **Junior Training 2016**

- **Level 1 - 1st Semester:**

Weekly sessions in which students were taught problem solving concepts, theoretically and practically. Students were divided into groups, each with its own mentor. During the second semester sessions, online qualification contests to level 2 were held for those who failed previously.

- **Attendees:** 950+

- **Level 2:**

Extension to level 1 training.

Started from estimating time complexity and ended with backtracking.

- **Attendees:** 45+

### **Senior Training 2015**

Trainees are taught innovative problem solving techniques and algorithms that would help prepare them for the ICPC.

- **Attendees:** 7

- ***Problem Solving Contests:***

#### **Level 2 Contest 2015**

A transitional contest, took place in summer to evaluate the trainees' and decide whether to qualify them to level 3 or not. The contest was held on 2 rounds.

- Attendees: 42

#### **Local Contest 2015**

An annual 5-hour contest held to determine which teams will participate in the ECPC. Winning teams and acmASCIS new hierarchy are announced in the end.

- Attendees: 270

#### **Level 1 Contest 2016**

Was partitioned into:

**Online Qualification Contest:** was held to filter the contestants that will be qualified to the onsite contest, lasted 24 hours.

- Attendees: 486

**Onsite Contest:** the main contest, was held in college to qualify the passing contestants to Level 2 Training.

- Attendees: 250

### **Annual Programming Contests**

5-hour contests are held every Friday to improve trainees' problem solving skills and help them get used to ACM contests.

- Attendees: 500+

- **Recruitment program 2015**

- [acmASCIS Recruitment I](#)**

- Was held so that new members would apply and join the chapter.

- Attendees: 135

- [acmASCIS Recruitment II](#)**

- Was held in the second semester.

- Attendees: 40

- ***Motivational Activities:***

- Dish Party:***

- Crew members cooked dishes of their own and presented them to the judges. Best dish and dessert awards were given to the winners.

- Football Matches:***

- Football matches scheduled every Saturday night with an open invitation to everyone.