

In the Name of God
Submission for Outstanding Activities 2016

ACM Student Chapter, University of Tehran

Address: School of Electrical and Computer Engineering, University College of Engineering,
University of Tehran, North Kargar street, Tehran, Iran.

Chapter URL: <http://acm.ut.ac.ir>

Faculty Sponsor: Dr. Ramtin Khosravi rkhosravi@ut.ac.ir

Chair:	Amirreza Dadfarnia	adadfarnia@acm.org
Vice Chair:	Hossein Asghari	h2asghari@gmail.com
Treasurer:	Hooman Habibnia	h.habibnia@gmail.com
Secretary:	Sara Javadzadeh	saraj.no@gmail.com
Webmaster:	Faraz Yazdani	yfaraz@yahoo.com
Recruitments team head:	Mohammad Babamahmoudi	mohammadbabamahmoudi@gmail.com
Supervisor:	Pejman Hosseini	pejmanhosseini@acm.org
Advising Committee:		
	Babak Mehrabi (Chair 2012-13)	s.babak.mehrabi@acm.org
	Hamed Zamani (Chair 2011-12)	hamedzamani@acm.org
	Farzaneh Ghods (Chair 2010-11)	farzaneh.ghods@gmail.com
	S. Shamim Taheri (Vice Chair 2006-07)	shamim1386@yahoo.com
Journal Editor-in-Chief:	Ehsan Hajyasini	ehsanhajyasini@gmail.com
Journal Advisors:	Yasaman Razeghi	yasamanrazeghi7@gmail.com
Head of Executive Committee:	Pooya Moradi	mo.pooya@gmail.com
Head of Development Team:	Sepehr Sameni	sepehr.sameni@gmail.com
Contests Team Head:	Navid Salehnamadi	navidsaleh@acm.org
Contests Team Advisor:	Amir Saboury	amir.s@acm.org
Seminars Team Head:	Ali Shiravand	alish.icu@gmail.com
Translator and Literary Editor:	Nooshin Shahidzadeh	nooshin.shahidzadeh@gmail.com
Seminars Team Advisor:	Mohammad Mahdavidoust	mohammad.mdoust@gmail.com
Graphic Design Team:		
	Mohammad Mahdi Mahdizadeh	
	Mohammad Khallaghi	
	Mohammad Hassan Beheshti	
Networks Team Head:	Mehran Meidani	

Description of the School of Electrical and Computer Engineering (ECE)

URL: <http://ece.ut.ac.ir>

The school of electrical and computer engineering at university of Tehran is one of the most prestigious academic institutions in Iran. Hosting more than 70 academic and 30 support and

technical staff, school of ECE provides a friendly, modern and supportive environment which consistently leads to excellence in education and cutting-edge research. Offering both undergraduate and graduate programs, the school is a highly admired engineering college in Iran.

Flexibility of Graduate programs at ECE, encourages students to envision their educational goals early on, and move toward them with assistance of members of the faculty. In addition to participating in the educational curriculum, undergraduate students are welcomed at laboratories.

On average, number of students who major in the fields of Computer Engineering and Information Technology at the school of ECE is:

B.Sc. in Software Engineering:	130
B.Sc. in Hardware Engineering:	100
B.Sc. in Information Technology:	100
M.Sc. in Software Engineering:	20
M.Sc. in Hardware Engineering:	25
M.Sc. in Artificial Intelligence:	15
M.Sc. in Information Technology:	10
PH.D. in Software Engineering:	6
PH.D. in Hardware Engineering:	6
PH.D. in Artificial Intelligence:	6

Description of the chapter

ACM student chapter at University of Tehran began its activity on January 10th, 2001 as the first ACM student chapter in Iran. The main motivation behind establishment of this chapter, was promoting knowledge and adequate skills among students studying computer science. Consistent engagement with students and encouraging them to pursue and improve their ideas, were other goals behind the formation of this chapter. Our engagement with students were mostly in following context:

Conducting introductory sessions in both software and hardware engineering, focused on technologies, methods, and views

Hosting conferences and educational workshops, which in turn leads to better social and managerial skill among students

Forming and participating in groups of special purposes

This chapter is also known as the scientific chapter of the computer engineering college of University of Tehran.

Essay:

The Tehran ACM student chapter tries to keep the student community active by organizing a lot of medium or large scale events, each aimed to improve part of their skills. We try to create a sense of community and active competition and strive for betterment. And we think that no single huge event keeps the students attached and intrigued.

We have tried to make each and every one of the students count and to create opportunities for them to grow and learn. Although we don't have an ACM-W chapter we have made it possible for female students to help in the chapter activities and enjoy CS. For example, in the F1 journal team 5 out of the 7 are girls.

In addition to the numerous events and seminars organized during the academic year, a number of other substantial programs are being held during summer. Summer of Code is the other event which takes place with association of our chapter. This event is a great opportunity for students of different backgrounds to experience teamwork in a medium-scale project.

Chapter activities:

■ [Panjareh Conference](#)

This 3-day long conference was composed of 9 talks and panels by major tech companies and startups in Iran. It pictured the state of industry and offered advice on career development.

300 attendees per day

■ [Ubuntu Festival](#)

Organized with the help of Iranian Ubuntu Users Community, it was composed of two main parts, technical workshops and annual speeches. And apart from promoting knowledge, organizing such programs can be potentially effective in increasing teamwork ability among students.

300 attendees

■ [Discrete Mathematics Contests](#)

In the past year, two online competitions have been held in two consecutive semesters. This Contest is a way to make junior students more interested in the basic discrete mathematics and algorithms

75 attendees

■ [Technical Talks](#)

In January holidays, we invited students and professors who lives outside of Iran to give talks. We managed to organize 3 talks on big data, deep learning, and streaming algorithms, which are areas that are not covered in the curriculum.

300 attendees

■ [University of Tehran ACM Internet Contest](#)

Participation in ACM ICPC is one the main programs of the University of Tehran's ACM student chapter, so by holding preparation classes and practice contests the chapter helps talented students to become more adept at ICPC style problem solving.

In 2015, UT ACM contest held both on-site and online (on sharecode.io). 98 teams participated in contest. With former coordination 25 teams of universities of Tehran attended in contest at site of ECE school of University of Tehran.

- F1 Scientific Quarterly Journal

This Journal is peer-less at its level. It was recently named “[Best Engineering Publication](#)” in University of Tehran’s publications festival. It is freely distributed online at <http://acm.ut.ac.ir/f1> (The Journal’s table of contents is also available in English for the last issue.)

This quarterly journal covers a wide range of topics from the new technologies emerging in industries to our department academic news, from interviews with faculty members to challenging articles in theoretical computer science. The editorial board consists of a group of sophomore and junior students.

This submission has been truncated to fit the 500 word limit.