



**American Society of Civil Engineers**

*Zagazig University  
Student Chapter*

## ASCE –ZU

"American society of civil engineers  
international student chapter at zagazig  
university"

## Portfolio

# #Make it possible

## Table of Contents

- Introduction
  - Asce's history
  - Our history
  - Our mission
  - What Do Student Chapters Do?
  - Student Organization Responsibilities
  - Student Benefits
- Statistics
- ASCE-ZU official paper
- ASCE-ZU structure
- ASCE activities summary
- Contact

## Introduction

### Asce's history:

On November 5, 1852, a dozen eminent civil engineers gathered at the Croton Aqueduct in New York City in the office of Chief Engineer Alfred W. Craven to establish the American Society of Civil Engineers and Architects. In 1868, a few years after architects had formed a professional society of their own, ASCE adopted its current name. For the first 144 years of its existence, ASCE maintained its headquarters in New York City, relocating six times to progressively larger facilities. In 1996, ASCE moved to its current global headquarters in Reston, Virginia, just outside Washington, D.C.

Now ASCE have a structure of volunteers in **ten Regions, 93 Sections, 155 Branches, and 328 Student Chapters around the world.** <http://www.asce.org/>

### Our history:

We are a civil engineering entity that aims to provide essential values to our members and partners, advance civil engineering and serve the public good.

Founded in Zagazig university in 2014 as Civil Student Club" CSC" and now after two years of hard working we have an official approval to be American *Society of Civil Engineers international student chapter at Zagazig university "ASCE-ZU"*.

What we are doing is through conducting Seminars, Workshops, Field trips and Social activities, Participating in Local & International Competitions and Serving community projects. we are a non-profit, non-governmental, scientific club interested in civil engineering.

### Our mission:

Provide essential value to our members and partners, advance civil engineering, and serve the public good.

### What Do Student Chapters Do?

#### *Competitions*

Students build, design, and race in concrete canoes. The structural engineer in you can construct a 20-foot-long steel bridge and see how well it stands up to various loads. Other challenging activities include balsa wood and timber bridge building events, hydro power design, and unique local projects such as spaghetti bridge building and egg drop contests.

### *Community Service Projects*

You have chosen a career which makes a lasting, positive impact on society. In that spirit, ASCE Student Chapters organize public service projects where students apply their classroom skills to real life situations. As a member of ASCE, you can work on projects as an undergraduate which are as "real" as those you will find in the professional workplace.

### *Field Trips*

Offer guided field trips to engineering projects, some of which are still under construction and closed to outsiders. In addition, you may visit major projects already in operation and be escorted by practicing engineers who can explain the details of their work.

### *Guest Speakers*

Invite practicing engineers in the field to discuss with your Chapter unique projects on which they are working. It's a great way to learn more about putting civil engineering to practice, as well as meeting and networking with professionals in your field.

Sometimes you need a creative outlet from the demands of your classes. ASCE Student Chapter competitions allow you to use your technical skills on unique projects.

## **Student Organization Responsibilities**

It is the responsibility of ASCE Student Chapters and International Student Groups to strive to fulfill the objective of the ASCE student program. The objective of the ASCE student program is to help students prepare themselves for entry into the Civil Engineering profession and society.

At a minimum, each Student Chapter and International Student Group is required to submit annual dues of \$25 and an Annual Report of activities, due **February 1**. The report is a summary of calendar year activities. If your Student Organization leadership does not coincide with the calendar year, communication between in-coming and out-going officers is essential. A group that fails to submit an Annual Report of activities will be placed on probation and steps will be taken toward disestablishment.

ASCE Student Organization members are encouraged to:

- Conduct regular meetings with speakers on professional issues/technical topics;
- Organize field trips to civil engineering landmarks and major projects;
- Participate in community service projects;
- Ensure entries in the National Daniel W. Mead Student Paper Contest;

- Attend ASCE Section/Branch meetings;
- Participate in the [ASCE Student Conferences](#); and
- Send potential officers to the Workshop for Student Chapter Leaders.

Hosting an ASCE Student Conference is a responsibility shared by each ASCE Student Organization in the conference. Hosting generally rotates between the schools. The average conference size is about fifteen schools. With each school taking turn, each Student Organization should be hosting about once each decade. Before attending the next conference, discuss the possibility of hosting with the officers and the Faculty Advisor. Hosts are given guidance from ASCE Headquarters through the Student Conference Host Planning Guide. Without hosts, the student conferences do not take place!

## **Student Benefits:**

*ASCE benefits provide you with the knowledge and opportunities needed to jump into the industry, get on the right career path, and have fun doing it.*

Find out what benefits you can start using to help gain every advantage. Plus, they're all free.

- Free online access to [Civil Engineering magazine](#) and [ASCE News](#) so you'll always be "in the know" with industry news and within the civil engineering community
- Powerful career resources with ASCE's [Career Connections](#) devoted solely to civil engineering internships, jobs, and advice
- Participate in community service programs through your Student Organization
- Eligibility for over \$75,000 in annual Society [scholarships and fellowships](#)
- Look for the [Student eNews](#) every month in your inbox for the newest opportunities and announcements from ASCE
- Professional guidance through [ASCE's Mentoring Program](#)
- Network with like-minded peers and civil engineering professionals through your Student Chapter and the local [ASCE Section/Branch](#) or [Younger Member Group](#)
- Connect with other students around the country with online student discussion forums
- Discounts on [ASCE-sponsored conferences](#), journals, books, and manuals to increase your knowledge and research
- [FE/PE Review Courses](#) to prepare you to ace your exam
- [Apply for ASCE Gold Mastercard™ and Visa™](#) (per terms of financial institutions) with no annual fees.

## Statistics

- Members 42 student
- Female 6 students
- Male 36 students
- Volunteer 80 student average
- Likes in our face book pages 2000 like on our civil student club page – 300 on our ASCE-ZU page the new one just created at October
- Attendance in our events 500student average





ASCE-ZU official paper

# American Society of Civil Engineers

## STUDENT ORGANIZATION CHARTER

In recognition of the organization of the

### Zagazig University Student Chapter

of the American Society of Civil Engineers

on January 11, 2016

the Region 10 Board of Governors has caused this Charter to be issued and by it  
grants to said Student Chapter all of the rights and privileges provided  
in the Constitution and Bylaws of the Society.

Issued: January 13, 2016



ASCE EXECUTIVE DIRECTOR



ASCE PRESIDENT



January 13, 2016

Ahmed Hussien Elyamany, C.Eng, A.M.ASCE  
Zagazig University  
Faculty of Engineering, Construction Engineering Dep.  
44519 Zagazig  
Egypt

1801 Alexander Bell Drive, Reston, VA 20191-4400  
1800 548 3723 ext 600 703 295-6300 ext  
1703 795 6733 fax www.asce.org

Dear Professor Elyamany,

Congratulations! On behalf of ASCE Headquarters and the Region 10 Board of Governors, I am pleased to inform you that your request to establish an ASCE Student Chapter at Zagazig University has been approved. I have attached your Student Chapter's charter certificate for you to print and display.

This letter also includes your Student Chapter's fact sheet. The fact sheet details information we have on record for your Student Chapter and should be kept in your files as a resource. If at any time the information on the fact sheet changes, we would appreciate it if you would keep us informed so our records are up to date.

Also attached is the ASCE Student Organization Handbook for use by your Student Chapter. The Faculty Advisor (FA) and Practitioner Advisors (PA) on record have been added to our FA and PA email lists, which are our primary methods of communication. We suggest you create a generic email address for your Student Chapter (e.g., asce@school.edu or schoolasce@gmail.com) that can be used by your student officers from year to year. Please let us know what that generic email address is, and we will add it to our database.

Again, congratulations on the establishment of the Zagazig University ASCE Student Chapter. If you have any questions, please do not hesitate to contact ASCE Student Services at [student@asce.org](mailto:student@asce.org).

Regards,

Leslie D. Payne, Aff. M.ASCE  
Director, Student and Young Member Programs

cc: Constantine Demetrius Memos, Ph.D., P.E., F.ASCE, Director Region 10  
Craig Quadrato, Ph.D., P.E., M.ASCE, Chair, Member Communities Committee  
Dr. Gamal Elsaied M. ASCE, President, Egypt Section  
Hany Farouk Shehata Saleh, Aff. M.ASCE, Practitioner Advisor, Zagazig University  
Ahmed Moustafa Aboelala, A.M.ASCE, Practitioner Advisor, Zagazig University



**ASCE STUDENT CHAPTER FACT SHEET FOR  
ZAGAZIG UNIVERSITY**  
As of January 13, 2016

Charter Date:	January 11, 2016
Region:	10
Section:	Egypt
Student Conference:	Carolinas
Customer ID:	10506466
Faculty Advisor:	Ahmed Hussien Elyamany, C.Eng, A.M.ASCE Zagazig University Faculty of Engineering, Construction Engineering Dep. 44519 Zagazig Egypt Phone: 2001094100824 E-mail: drahmedelyamany@yahoo.com
Practitioner Advisor #1:	Hany Farouk Shehata Saleh, Aff.M.ASCE 6 Extension of Mokhayam Dayem Maamora Towers, Tower C 7 <sup>th</sup> District Nasr City, Cairo Egypt Phone: 201005575815 E-mail: hanyfarouk808@gmail.com
Practitioner Advisor #2:	Ahmed Moustafa Aboelela, A.M.ASCE Plot No. 27 1 <sup>st</sup> District, 5 <sup>th</sup> Settlement New Cairo Cairo 11835 Egypt Phone: (606) 2628201003437028 Email: eng.ahm.2011@live.com



## ASCE-ZU structure


Faculty Advisor:	Ahmed Hussien Elyamany, C.Eng, A.M.ASCE Zagazig University Faculty of Engineering, Construction Engineering Dep. 44519Zagazig Egypt Phone: +201094100824 E-mail: <a href="mailto:drahmedelyamany@yahoo.com">drahmedelyamany@yahoo.com</a>
Practitioner Advisor #1:	Hany Farouk Shehata Saleh, Aff.M.ASCE 6 Extension of Mokhayam Dayem Maamora Towers, Tower C 7th District Nasr City,Cairo Egypt Phone: +201005575815 E-mail: <a href="mailto:hanyfarouk808@gmail.com">hanyfarouk808@gmail.com</a>
Practitioner Advisor #2:	Ahmed Moustafa Aboelela, A.M.ASCE Plot No. 27 1st District, 5th Settlement New Cairo Cairo 11835 Egypt Phone: (606) 2628201003437028 E-mail: <a href="mailto:Eng.ahm.2011@live.com">Eng.ahm.2011@live.com</a>
Student chapter president:	Ahmed Mohamed Tantawy, S.M.ASCE Zagazig University Faculty of Engineering, civil engineering department. 44519Zagazig Egypt Phone: +201022600703 E-mail: <a href="mailto:a.m.tantawy198@gmail.com">a.m.tantawy198@gmail.com</a>
Student chapter vice president:	Omar Adel Dwaba Zagazig University Faculty of Engineering, civil engineering department. 44519Zagazig Egypt Phone: +201147997281 E-mail: <a href="mailto:omardwabez@yahoo.com">omardwabez@yahoo.com</a>
Student chapter treasurer	Omar Ahmed Elshafeay Zagazig University Faculty of Engineering, civil engineering

	department. 44519Zagazig Egypt Phone: +201097929053 E-mail: <a href="mailto:omar.alshafey96@gmail.com">omar.alshafey96@gmail.com</a>
Student chapter publicity officer	Ali Yehia Abo Zeid Zagazig University Faculty of Engineering, civil engineering department. 44519Zagazig Egypt Phone: +201091112747 E-mail: <a href="mailto:Aliyahya75@hotmail.com">Aliyahya75@hotmail.com</a>
Student chapter membership officer	Ahmed Mahmoud Azawy Zagazig University Faculty of Engineering, civil engineering department. 44519Zagazig Egypt Phone: +201092766715
Student chapter PMO officer	Khaled Makram Ahmed Zagazig University Faculty of Engineering, civil engineering department. 44519Zagazig Egypt Phone: +201282514567 E-mail: <a href="mailto:Khaled_makram2008@yahoo.com">Khaled_makram2008@yahoo.com</a>




## ASCE activities summary



event name	Event summary	Number of Participants:
ASCE-ZU international Steel bridge competition	We officially succeeded in register at the international Steel bridge competition that will held March 30th – April 1st at Charlotte, North Carolina, USA.	
ASCE-ZU welcome “make it possible”	<p>It was a welcome day for starting new scholar year and to interduce our club, vision, goals and activity to students and there was some civil engineering related competition.</p> 	500 students
ASCE-ZU member campaign	<p>It was three days campaign for members to work on team building, leadership skills, presentation skills and also to planning to our new year.</p> 	20 members
Job zoom “zagazig ignition”	<p>From the necessity of attending educational events which are only held in the Capital and from our previous experience in the <b>First Job Fair</b>, we took the initiative to make a difference, presenting <b>Second Job Fair</b>:</p> <ul style="list-style-type: none"> <li>• An event that is not only about nominating graduates for job offers or students for summer trainings, but it's about reviving an entire region to reach out nationally.</li> <li>• A fair including: development sessions,</li> </ul>	1500 students


	<p>workshops, and competitions that aim to make a spotlight on hidden parts of Zagazig's capabilities.</p> <ul style="list-style-type: none"> <li>• Making a huge leap among delta regions, by giving them an equal chance to advance to those of the capital regions.</li> <li>• Targeting nearby universities: (Mansoura, Banha, Menufia and Tanta).</li> <li>• Eliminating the gap between the targeted attendees and the market needs.</li> </ul> <p>Taking words into actions, by granting the required skills to those youth</p> 	
Fun engineering corner	<p>Fun Engineering Corner Day, the event was about presenting some simple engineering models with guidelines to explain - simply - some of the engineering theories that we study in our academic curriculums. We co-operated with "Engineering for life student Association" The models included:</p> <ul style="list-style-type: none"> <li>• Trussed Spaghetti Bridge (ASCE-ZU).</li> <li>• Cable-stayed bridge Model (ASCE-ZU).</li> <li>• Electrical Transmission Tower Model (ASCE-ZU).</li> <li>• Divided Cone into Curve Equations (ASCE-ZU).</li> <li>• Gravity center experiment with wooden plates (ASCE-ZU).</li> <li>• Mine Sweeper Robot and Other mechanical models (Elsa).</li> </ul> <p>The event started on 10 am in the yard in front of Civil Engineering Building and lasted for 4hrs, about 250 students attended the event. We had about 10 students who signed up to join our club.</p>	250 students






		
Member training	<p>Member training; We have co-operated with other student activity group in our university so that we could gain their experience in various fields like:</p> <ul style="list-style-type: none"> <li>• Media:conducted by "Mostafa Khedr" and 4 members attended</li> <li>• Fundraising: conducted by "Mohamed Khaled" and 4 members attended</li> <li>• HR:conducted by "Sadek Waked" and 6 members attended</li> <li>• PR:conducted by "Kareem Hussin" and 4 members attended</li> </ul> 	18 member
Revit Course	<p>Revit Course, an 8-session course (around 16 hours) of Revit Tutorials conducted by Eng. Fares Harb. <a href="mailto:Civ.faresharb@gmail.com">Civ.faresharb@gmail.com</a> around 30 students attended such course in "elsharq elawsat" center</p>	30 Students





<p>Introduction to Construction Contracts Workshop</p>	<p>Introduction to Construction Contracts Workshop, around 60 students attended such workshop; they were divided into 2 groups. The session was 3 hrs for each group and it was conducted by Eng. Ahmed Moustafa in "Tamkeen" Center.  <a href="mailto:eng.ahm.2011@live.com">eng.ahm.2011@live.com</a></p>  	<p>60 Students</p>
<p>Summer Workshops</p>	<p>Summer Workshops, the workshops took place in Camp Egypt Center, where 120 students applied to the program; 60 of which were selected, the program included 9 workshops in Structural design 2.5 hrs each, the project that was completed in such workshops was the design of a 10-floor concrete tower with several types of slabs by using the following programs "Sap2000, Safe, Etabs, CSI Column, Excel, AutoCAD". The workshops were conducted by Eng. Fares Harb. <a href="mailto:Civ.faresharb@gmail.com">Civ.faresharb@gmail.com</a></p>	<p>60 Students</p>



		
Training Proposal Workshop	<p>A workshop was conducted by Eng. Ahmed Moustafa and two of the club members to set a Summer Training Proposal for Elsewedy T&amp;D Company "One of Elsewedy Electric Group" in "Al-Meskah" Co-work Space.</p> <p>And the proposal was accepted in July and the training was conducted successfully through August. <a href="mailto:eng.ahm.2011@live.com">eng.ahm.2011@live.com</a></p>	2 member
Meeting with the secretary of the Sharkia governor	<p>we sat down with the secretary of the Sharkia governor and discussed with him a conceptual proposal of how to help resolve the traffic problem in Zagazig - Sharkia. We have also agreed with him on general cooperation guidelines by which we could assist the governorate in resolving such problem</p>	4 member
Assessment the Gap Between the Education and Job Market Needs Survey	<p>A Survey made by two of our club members under the Supervision of Dr. Ahmed Elyamany for the purpose of finding out the weak points that the students have in regard to their profession, practical and knowledge wise we took 20% across section from the 3<sup>rd</sup> and 4<sup>th</sup> year civil engineering students.</p>	3 member
Civil Engineering Arena	<p>an event entitled "Civil Engineering Arena" that was conducted in Zagazig University and organized by 8 members where we published and introduced students to our club, our vision, objectives and activities and we presented a small simple model of a spaghetti bridge, about 90 students</p>	90 students



	<p>attended the event.</p> 	
Public Trip	<p>a public trip was organized by us and ELSA (another Zagazig University student activity group) through 4 members from each club, there were 4 buses, the destinations that were visited were (Cairo International Book Fair –Hanging Church – Church of Virgin– Church of Abou Sargah – Church of Mary Girgis – Ben Izra Jewish synagogue – Amr Ben Elas Mosque – Coptic Museum" – Elhussien Shrine).</p> <p>The trip lasted around 17 hours and about 200 students participated in such event.</p>  	200 students

		
CV writing and job hunting skills Session	<p>a session titled CV writing and job hunting skills was conducted by  Eng. Ahmed Hassan Hashem - Manager at Fekr Business Education Center,  the session was around 120 minutes and the number of participants was 10 Members.  <a href="mailto:ahmedhhashem@gmail.com">ahmedhhashem@gmail.com</a></p> 	10 member
Site Visit	<p>Site visits were conducted to a commercial/residential 15-floor tower building, Eng. Mohammed Ibrahim Tantawy was the site Engineer responsible for the construction of such structure and he was our instructor in such visit and talked about different construction methods, sequence of activities, quantity survey. Participants in such events were 6 members.  <a href="mailto:Eng.mohamed.tantawy.64@gmail.com">Eng.mohamed.tantawy.64@gmail.com</a></p>	15 member



		
How to Succeed in Engineering Field Session	<p>Eng. Ahmed Moustafa Mohammed conducted a lecture titled How to Succeed in Engineering Field, the duration of such lecture was around 90 minutes and there were around 15 members. <a href="mailto:eng.ahm.2011@live.com">eng.ahm.2011@live.com</a></p> 	15 member
About ASCE and the importance of the student activities	<p>Dr. Ahmed Elyamany sat down with the club members and discussed Student Activity Value and his experience with the ASCE in America and the importance of participating in such organizations and activities.</p> <p>The number of participants was 15 and the Seminar was conducted in Zagazig University.</p>	15 member

## **Contact**

Student Chapter phone: +01022600703

Student Chapter E-mail: [zuasce@gmail.com](mailto:zuasce@gmail.com)

Student chapter face book badges:

<https://www.facebook.com/zuasce>

<https://www.facebook.com/civilstudentsclub/>

Student chapter YouTube channel:

<https://www.youtube.com/channel/UC7J5EciJdqnWRT4Sg1-paEA>



# American Society of Civil Engineers

## STUDENT ORGANIZATION CHARTER

In recognition of the organization of the

### Zagazig University Student Chapter

of the American Society of Civil Engineers

on January 11, 2016

the Region 10 Board of Governors has caused this Charter to be issued and by it grants to said Student Chapter all of the rights and privileges provided in the Constitution and Bylaws of the Society.

Issued: January 13, 2016



ASCE EXECUTIVE DIRECTOR



ASCE PRESIDENT