



Faculty of Engineering, Mathematics and Physical Sciences
Civil and Industrial Engineering
Quetzaltenango Campus, Guatemala



**Never give up, if everything were easy, anyone would do it !!!
God bless you!!!**



HISTORY

Student chapter of civil engineering, UMG Quetzaltenango was created on February, 2016 thanks to the support of the Institute of Cement and Concrete of Guatemala, to the authorities and teachers of the Civil Engineering Career, Campus Quetzaltenango conforming at the beginning 29 members, currently we are more than 120 members .

VIEW

To be a Student Chapter referring nationally and internationally for its quality and academic preparation in the area of concrete, committed to the human and professional development of all our members, for the construction of a better country.

MISSION

The ACI UMG Student Chapter Ingenieria Quetzaltenango seeks to promote learning, generate interest and create new opportunities to develop knowledge in the theoretical and practical realm of concrete, complying with ICA standards, for all our members.

Likewise, to create the necessary strategies and links for the academic growth of the member students through workshops, lectures, essays, research and competitions, always maintaining a multidisciplinary approach.

In addition to this, use the knowledge acquired and our human sense in support of social needs that arise in our region.

In order to be able to be part of the development and progress of our country in the area of concrete in the activities that compete with us, as members of the chapter and future professionals.



SUMMARY OF ACTIVITIES YEAR 2016



Conference: Mix Design by the
ACI method



Internal Contest of Resistance of
Concrete Cylinders



SOCIAL WORKS

- Real Estate donation to Elementary School in Quetzaltenango
- Donation of school supplies at Elementary School in Quetzaltenango

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SUMMARY OF ACTIVITIES YEAR 2017



Prefabricated conference given by the PRECON company



Prefabricated Conference given by PRECSA



Participation in the IV Congress of Civil Engineering and Architecture Students "Precast Concrete: Fast and Safe Solutions" and at the Ibero-American Concrete Pavement Congress

OTHER CONFERENCE DESIGN OF MIXTURES

- Laboratories Ingeco Fresh Concrete Testing
- Company Mixed Ready Company

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Internal Contest of Research Faculty 2,017



- Participation "National Concrete Research Contest 2,017 Ing Emilio Beltranena "Precast Concrete Made in Guatemala"



Internal Contest of concrete cylinders ACI UMG INGENIERIA QUETGO, with the participation of 24 teams.



Cylinder Breakage of the National Contest. CETEC
Winning teams of the Internal Cylinder Contest

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SUMMARY OF ACTIVITIES YEAR 2018



Assistance to the V Congress of Engineering and Architecture Students "Pathologies"



Technical visit to the PRECON factory



Concrete Testing Workshop Fresh Mixed Ready



Internal Contest of Concrete Cylinders 2,018

OTHER PARTICIPATIONS INTERNAL

- Research Contest "Ing Emilio Beltranena"
- Pathologies of masonry homes organized by ICCG Concrete
- cylinder contest organized by ICCG

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SUMMARY OF ACTIVITIES YEAR 2019



Conference on concrete additives given by the company Sika



Preparation of ball contest



Internal Contest of Concrete Cylinders 2,019

Other conferences and Contests

- High performance concrete Ing Perez
- Participation in VI Engineering and Architecture Congress organized by ICCG "Innovations in Concrete Technology"
- Participation in the National Research Competition "High Performance Concrete" Organized by ICCG
- Participation in soccer contest with concrete balls organized by ICCG





SOCIAL WORKS 2016

- Real Estate donation to Elementary School in Quetzaltenango
- Donation of school supplies at Elementary School in Quetzaltenango

SOCIAL WORKS 2018

- Donation of living to the Nursing Home in Quetzaltenango
- Donation of blocks for the construction of the Nursing Home of the municipality of Salcaja Quetzaltenango



SOCIAL WORKS 2019

- Economic donation for a partner with strong health problems

SOCIAL WORKS 2017:

- Cement Donation to the Official Mixed Urban School José Joaquín Palma, Col. Bombero zone 8, Quetzaltenango
- Donation of School Supplies Collected in Different Trainings
- Financial support to teachers for organ transplantation



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RECOGNITIONS OBTAINED BY THE STUDENT CHAPTER

- OUTSTANDING UNIVERSITY 2,016
- OUTSTANDING UNIVERSITY 2,017
- OUTSTANDING UNIVERSITY 2,018
- Recognition granted by Cementos Progreso company for our Work in the Construction of a Better Guatemala in September, 2,018

AWARDS OBTAINED AT THE LEVEL OF COMPETITIONS ORGANIZED BY THE INSTITUTE OF THE CEMENT AND CONCRETE OF GUATEMALA "ICCG"

- **Second Place:** National Competition for Concrete Research 2,017 Ing Emilio Beltranena "Prefabricated Concrete Made in Guatemala June 2,017
- **Second Place:** National Concrete Research Contest 2,018 Ing Emilio Beltranena "Pathologies in Housing of Concrto Masonry May 2,018
- **Third Place:** National Contest for Concrete Research 2,018 Ing Emilio Beltranena "Pathologies in Housing of Concrete Masonry May 2,018
- **Third Place:** National Contest of Concrete Cylinders November 2,018
- **Second Place:** Contest "Concrete Soccer Balls May 2,019
- **First Place:** National Competition for Concrete Research 2,019 Ing Emilio Beltranena "High Performance Concrete" May 2,019

