Full annual chapter report

2019-2020

Guanajuato Beta Theta

A. Initiations

The proper selection of new members for Pi Tau Sigma is a determined factor in the chapter success. Therefore, we must consider the following factors for the selection of outstanding mechanical engineering students:

- School Performance.
- Soundness of character, moral, and honesty.
- Members and Advisor´s Opinion.

For the selection procedure, we consider all the sophomore mechanical engineering students with a Mexican Grade Point Average above 8.5 out of 10. After a thorough analysis between the members and advisor, only the students that meet the above factors and the required grade are selected. The selected students are tested along the academic year, if they keep a good performance and further shows cooperation and interest with the chapter, they are initiated during the next academic semester ceremony.

During this academic year, our chapter held one initiation, the ceremony of initiation of this year had 6 undergraduates and 1 honorary member selected to be initiated on November 27th, 2019. Due to the Covid-19 it was not possible to have an initiation for the January-June semester. But there will be two initiations in the semester August-December. Also, we selected 9 students to be considered for initiation the next academic year (these students will be involved in all Pi Tau Sigma activities and based on their performance they could attain final selection).

B. Chapter Activities

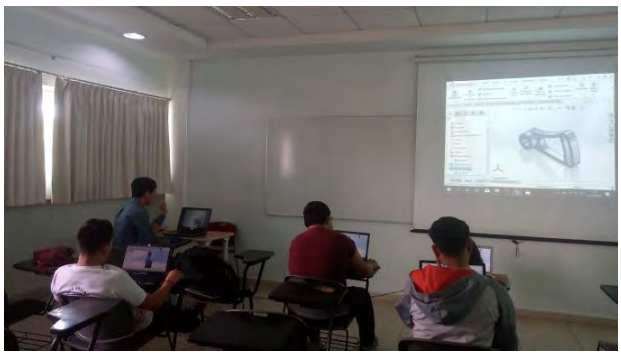
Throughout this academic year the chapter was involved in the following activities:

- Weekly Meetings

Along the year, the members participated in meetings that aim to follow the activities of the chapter.

- Software Courses

One of the main activities carried out semester and semester is to offer courses to our colleagues, one session per week for 2 hours, covering the entire course content at 7 weeks. The courses about computer programs that are used throughout the university career for example: Matlab, Solidworks, Ansys, Labview, Maple, Fluent, Phyton etc. This year we had the participation of 146 students.



- Nursing Home Visits

Chapter members Guanajuato Beta Theta visited the facilities of the most important nursing home in the city of Salamanca, located in the center of the city. After consulting with the authorities of this institution, we were instructed about the care that should be taken when doing this type of visits. We brought them typical Mexican food, board games and different entertainment activities

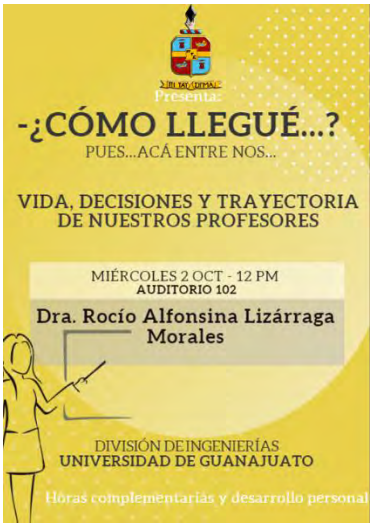
were developed. The female musical group of the University of Guanajuato played some songs to brighten up the atmosphere. In total, we made 5 visits throughout the year to take care of the needs of the elderly.

- Mexican Independence Day Activities

Together with the other organized groups, various activities were carried out to celebrate Independence Day. Our chapter elaborated riddles, rewarding those who answered correctly with a slice of cake.

- Conferences

Two lectures were given by researchers from the Mechanical Engineering Department to bring science and technology closer to undergraduate students and encourage them to continue with postgraduate studies.



- Academic Decathlon

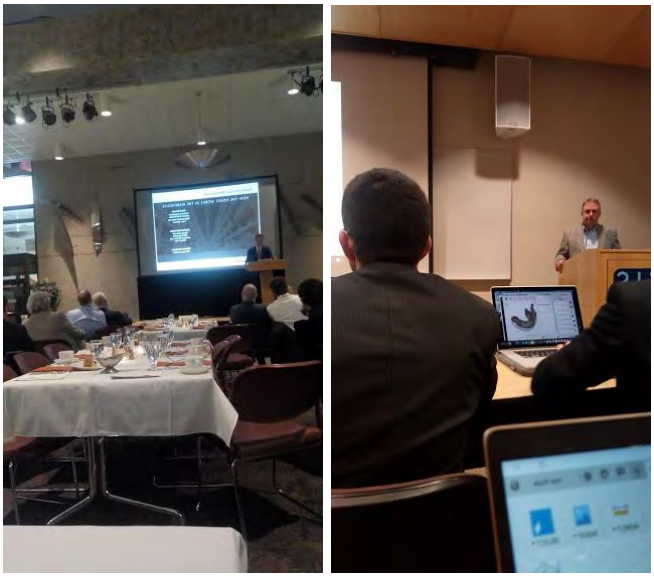
The academic decathlon is an event that takes place every semester to test the students of all the engineering careers of our campus. In this contest groups of 5 people are formed. The objective is to answer a series of questions of general culture and science in the shortest time possible. The two teams that have the best score with the shortest possible time, will be the finalists of the contest. After this, the finalists will face each other to choose a winning team, which will receive a trophy.

- My College Friend Program

University students make visits to middle schools during the current semester (Five visits), with the aim of motivating students from this stage to continue with their studies.

- Participation in the Pi Tau Sigma National Convention 2020

This year we took part in the 98th Pi Tau Sigma National Convention January 31th & February 2nd, 2020 hosted by the Delta Pi chapter from the Rochester Institute of Technology.

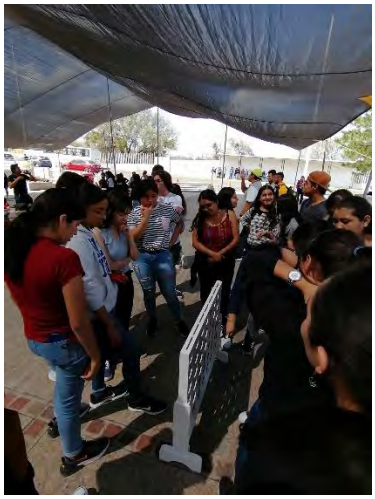


- Love and Friendship Day Activities

This day, together with the other organized groups we celebrated the day of love and friendship, carrying out activities for the students of the university, our activities were to make anonymous deliveries of letters and flowers for those who asked us.

- Women in Engineering

The ASME-SOMIM student group of the University of Guanajuato also holds the event called "Women in Engineering" every year. The chapter Guanajuato Beta Theta collaborates in the management and organization of the event held in February 2020. In this event, more than 400 high school women attended the facilities of the engineering division to learn about the academic offer and job opportunities of the region. Members of the chapter gave talks about career guidance. Attendees participated in some games and challenges to win different prizes at the end of the event.



- Piano donation

Another important event that we had during this academic year was the delivery of a piano to our university, the donation was made by the chapter Guanajuato beta theta to the engineering division in order to have a boost in music and students can learn or develop their talent.