PI TAU SIGMA ANNUAL CHAPTER REPORT

2016-2017

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.

The first ceremony of initiation of this year had 2 undergraduates, 1 graduate and 1 honorary members selected to be initiated on July 27th, 2016. The second ceremony had 4 undergraduates and 1 honorary and it was carried out on March 13th, 2017. Also, we selected 8 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:

1) Weekly Meetings.

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

2) Software Courses

One of the main activities carried out semester and semester is to offer courses to our colleagues about computer programs that are used throughout the university career. This year we had the participation of 98 students.

3) Elementary School Visit

Members of the Guanajuato Beta Theta Chapter visited the fifth and sixth groups of the elementary school in the rural community of Palo Blanco. The objective of the visit was to

motivate the children to continue studying. Activities were carried out where the children participated in the sample of 5 scientific projects.

4) Piano Recital

On November 28th, 2016, a piano recital was performed in the division, played by an honorary member of the chapter. The objective of the event besides that of having a pleasant time was to collect books and toys to donate to the children who need it most.

5) Participation in Engineering Week

During the Engineering Week, the Chapter carried out the following activities:

5.1 Piano Recital

To honor Dr. Arturo Lara López, honorary member of the Chapter and one of the doctors with the greatest contribution for the good of the division, a piano recital was performed. During the recital, a pantry was collected which was donated.

- Pentry

5.2 Soccer lightning tournament

The soccer tournament held during the "Engineering Week" leaded to be an activity to promote sports and strengthen the health status of students. First, the student community was summoned to participate in the tournament.
The soccer tournament has been made on the division's courts, which are an optimal place to perform this type of activity. 79 students attended it.
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6) Graduate Student Symposium

Within our activities, we took part on the organization of the second Symposium on Renewable Energies and Thermal Sciences organized by the University of Guanajuato, ASME-SOMIM student chapter, and Pi Tau Sigma Guanajuato Beta Theta Chapter. The event had speakers from National Institute of Applied Sciences (France), Federal University of Rio Grande do Sul (Brazil), the Electrical Research Institute (Mexico), and UNAM (Mexico).

The goal of the Symposium is to bring together every year, graduate students from different Mexican universities to know what their peers are doing in their respective area of research.
A link for the event´s website is attached below:
http://asme2016mx.wixsite.com/symposium-2017

7) Women in Engineering

The Women in Engineering program, from the ASME student chapter, seeks to promote more women to study engineering. This year we helped with the activities organized by the ASME student chapter for this event which brought together about 200 women interested in engineering

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In this event, activities ranging from vocational talks to games, which seek draw the attention of women to engineering.

8) E^3Fair

Students of the Electrical Engineering, Mechatronics, Mechanics, Computer Systems, and Electronic Engineering career of the Irapuato - Salamanca Campus participated in the first edition of the "E3 Fair" Science and Technology Fair with the exhibition of 30 scientific projects in a didactic and fun way, in the House of Culture of Salamanca.

The exhibition was organized by Pi Tau Sigma Guanajuato Beta Theta and the American Society of Mechanical Engineers (ASME), which is headed by the concept of "Science for Children". About 350 sixth grade students in public elementary school made the tour of the stands and participated in the dynamics.

Pi Tau Sigma

E^3 Fair UG