

IEEE Eta Kappa Nu

Annual Report: 2018-2019

IEEE-HKN Lambda Lambda Chapter



Introduction

This report is a summary of the events organized by IEEE-HKN Eta Kappa Nu Chapter at the American University of Sharjah. It focuses on the motivation behind organizing the activities and justifies the objectives of the event. Since this is the first year of the chapter, emphasis was placed on promotional events where the chapter was advertised to the audience.

In the following report, the events organized by the chapter are presented in chronological order. Pictures associated with the events are also provided wherever applicable, and the supplementary information inclusive of the emails and posters used to advertise the event are presented in the folder as well.

Induction Ceremony

Date: March 15, 2018

Location: Main Building, American University of Sharjah

The induction ceremony was carried out in the auditorium at the American University of Sharjah Campus, under the presence of Dr. Paolo Montuschi, who performed the induction. Students as well as faculty were inducted as founding members of the HKN chapter on campus. Pictures from the ceremony follow.



IEEE Day

Date: October 02, 2018

Location: Engineering Building 1, American University of Sharjah

IEEE HKN along with all the IEEE chapters present on campus, organized a display on IEEE Day, to promote breast cancer awareness. A variety of activities and games were put on display, and food and refreshments were provided. The event served as an excellent avenue to promote and advertise the chapter.



AI Panel Discussion

Date: November 19, 2018

Location: Main Building, American University of Sharjah

IEEE-HKN collaborated with IEEE to organize a panel discussion on artificial intelligence and its impacts, in which the topic was addressed by professors and experts from different departments on campus. The domains of technicality, socio-economic consequences and ethics were all deliberated upon, and the session was chaired by IEEE HKN member and professor of electrical engineering, Dr. Shayok Mukhopadhyay. Students actively participated in the event by asking thought provoking questions, and discussions ensued over refreshments. The event served as an excellent opportunity to promote the activities and presence of the HKN Chapter on campus.



Festival of Colleges

Date: November 20, 2018

Location: Open Parking, American University of Sharjah

IEEE-HKN participated in the Festival of Colleges, which consisted of a carnival that showcased activities and events from all the clubs on campus. IEEE HKN set up a stall with games to promote electrical engineering related activities, and also advertised the chapter to gain a strong ground. Pictures from the event follow.



Dubai Police Visit

Date: February 11, 2019

Location: Dubai Police: Dubai Traffic Department

A visit to the enforcement arm of the Government of Dubai was scheduled and organised with the courteous help of IEEE-HKN member and professor, Dr. Amer Zakaria. The visit was primarily catered to students who engaged with the *Introduction to Radar Systems* course over the fall semester of 2018 to observe and reminisce of the most widespread applications of radar systems in civilian use - speed cameras. In addition, students had the opportunity to learn about various technologies implemented, and also visited the main traffic operation room. The technology used by Dubai Police inclusive of image processing, artificial intelligence and communication systems was also studied.



Movie Night

Date: March 26, 2019

Location: Student Center, AUS

IEEE-HKN collaborated with campus organizations to hold a movie night, the last week before spring break. The event was planned so as to fall after the midterms and right before the spring break, so that students can relax and take a break from the stress of the semester. Refreshments were served so that the experience can be enjoyable and memorable. Further, the event served as a wonderful platform to network and advertise the HKN chapter. Student officers advertised the club by having the logo as well as introducing the club verbally before playing "Now You See Me - 1". Pictures follow.



Course Help Sessions

Date: March 04 - March 07, 2019

Location: Engineering Building 1, AUS

IEEE-HKN organized course-help sessions in which student volunteers with excellent academic background, as well as HKN members volunteered to help freshman and sophomore students with courses inclusive of physics, calculus and electrical circuits. The help sessions were organized by booking a room and allotting fixed time intervals for each course. Although the program was targeted at freshman and sophomores, any student taking the course or interested in the material was welcome to attend.

MATLAB Workshop

Date: April 23, 2019

Location: Engineering Building, EB2-103, AUS

IEEE-HKN partnered with the IEEE organization on campus to organize a workshop for MATLAB. The workshop focussed on the applicability of the software in engineering disciplines, was attended by a wide range of students at the undergraduate as well as graduate level. The workshop was a two part series in which introductory as well as advanced material was presented for students depending on their level of interest. The workshop was presented by HKN members. Refreshments were served after the event.

LaTeX Workshop

Date: April 24, 2019

Location: Engineering Building, EB2-103, AUS

IEEE-HKN organized a workshop on the typesetting software, LaTeX to help students with writing professional reports. The workshop was organized at the end of the semester, where the demand for such a workshop was considerably high due to the approaching submissions. The workshop was organized and also conducted by HKN members, and refreshments were served after the event.