

TECHNICAL SEMINAR ON ORGANIC RANKINE CYCLE

Every year, ASHRAE NED student chapter work with aim of helping future professionals so that they can contribute positively towards society. For this purpose, ASHRAE NED organized a technical seminar on 19th November 2019. The timing of this event was from 11 am to 1 pm. This event was conducted in the main auditorium and there were around 500+ students as an audience in this seminar, these students were from main campus and LEJ campus of NED as well from various departments including Mechanical, Industrial and Manufacturing, Electrical, Textile, Automotive. We also had students from many different colleges and universities including ASHRAE Mehran University of Engineering and Technology as our guest of this event.

The forum of technical seminar took glimpsing start with the recitation of Verses of Holy Quran, followed by a brief introduction of NED university and ASHRAE NED STUDENT BRANCH. The host of the event Mr. Abdullah Jamal energized the audience with his intriguing hosting skills.

The topic of the seminar “Organic Rankine Cycle” was mainly focusing the efficiency of increment of this cycle with introduction of other components for the enhancement. Mr Mahmood Ul Haq, President ASHRAE Pakistan 2019-20 took the role of the opening speaker and shed light on the missions and visions of ASHRAE Pakistan along with a brief overview of the topic and the opportunities for students and researchers to avail from the gathering. Then a brief presentation was given on this topic by Mr. Asif Mumtaz who was our guest speaker of the event. He further discussed the limitations of the cycle, the advantages, the practicalities and the improvements required to be made to enhance the idea to a fruitful level.

A Design competition was also announced at the end of the presentation related to this organic cycle which is going to be conducted in Pakistan and if the participants are selected, ASHRAE PAKISTAN will provide them the opportunity and a platform to present the idea in the upcoming ASHRAE design competition next year in Cape Town, South Africa, fully funded and sponsored by ASHRAE. Question answer session was then held to assist the audience with anything that they may not have understood. This Session was concluded smoothly, clearing all the queries the audience had.











Apart from these students we also have guests from ASHRAE Pakistan, the list of these guests are given below:

LIST OF THE GUEST:-

1) Mr. Noor Afzal

Past President ASHRAE Pakistan

2) Mr. Muhammad Abbas Sajid

Past President ASHRAE Pakistan

Past President HVACR Society

3) Mr. Umer Khan

Regional Vice Chair

YEW Regional At Large

4) **Mr. Ahmed Gulzar**

Student Activities Chair ASHRAE Pakistan 2019-20

5) **Mr Asif Mumtaz**

Guest Speaker for ORC

6) **Mr. Khuwaja Khalid Iqbal**

Past President ASHRAE Pakistan

7) **Mr. Mehmood-ul-Haq**

President ASHRAE Pakistan 2019-20

8) **Mr. Huzaifa Nadeem**

Member of Student Activities committee 2019-20

9) **Mr. Zeeshan Ahmed Siddiqui**

CTTC Chair

10) **Mr Ain ul Abedin**

Senior Member ASHRAE Pakistan (also received award of 50 years of distinguished services of ASHRAE)

11) **Mr. Shuja Khalid**

Chair Refrigeration Committee



Furthermore, students from many institutes including ASHRAE Mehran University of Engineering and Technology receiving the souvenirs for participation in Technical Seminar from Mr. Akbar Zaheer, Past President of ASHRAE PAKISTAN.