

DEPARTMENT OF MECHANICAL ENGINEERING

Indian Society for Heating Refrigeration and Air-conditioning (ISHRAE)

Academic Year 2022-23

- Students participated in CAD Modeling Contest conducted by ISHRAE



- Students attended the workshop on HVAC system and its control system through BMS conducted by Mr. T. Gokulnath ZEDBEE Technologies Pvt. Ltd.
- Students attended workshop on CO₂ refrigeration systems: Fundamentals, Advancements, and Applications conducted by Dr. Prakash M Maiya Professor, Mechanical Engineering, IIT Madras

Academic Year 2021-22

- A guest lecture on Air Conditioning System Overview - Types & Trends was organized by ISHRAE on 01st June 2022. The presentation was delivered by Mr. S. Subramania Raja, Enmac Systems Pvt. Ltd, Chennai.



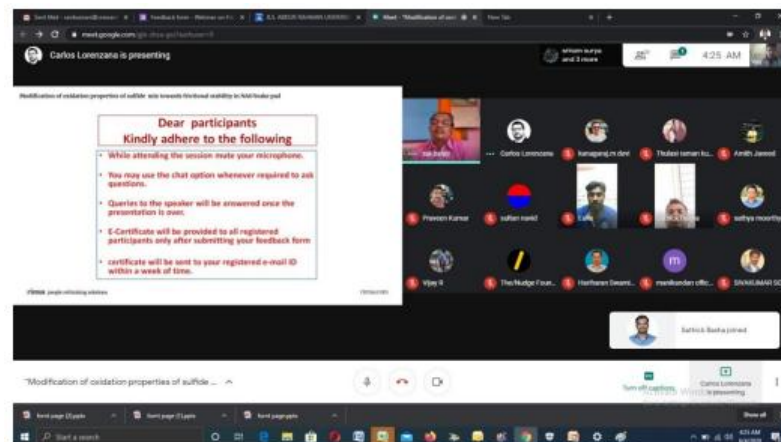
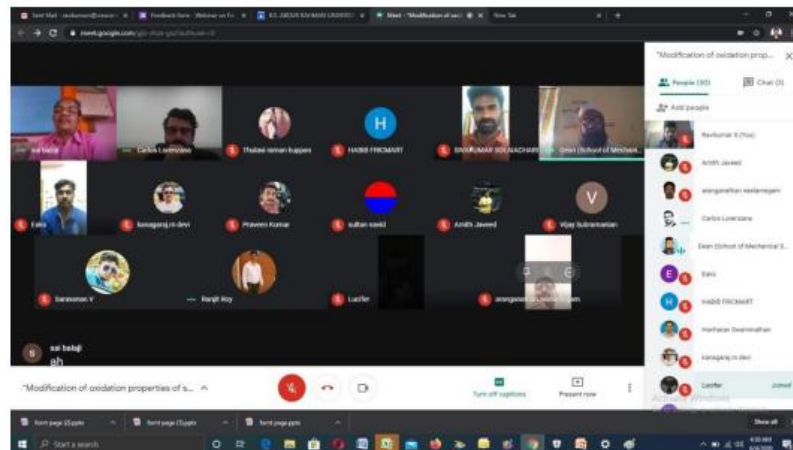
- Proposals for Student Research Project Grant (SRPG) for undergraduate students titled “Novel passive cooling system for a building using Nano Phase Change Material and Sodium chloride doped paint coating” is prepared and submitted to ISHRAE by the student members of ISHRAE.
- ISHRAE student members attended the technical workshop on clean room for pharma industries on 13th August 2022 at Chennai ISHRAE chapter.
- ISHRAE student members attended the Workshop on electrical safety in HVAC industry on 20th August 2022 at Chennai ISHRAE chapter.

Academic Year 2020-21

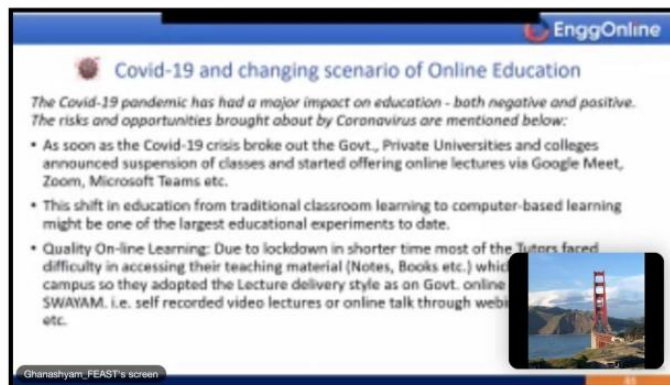
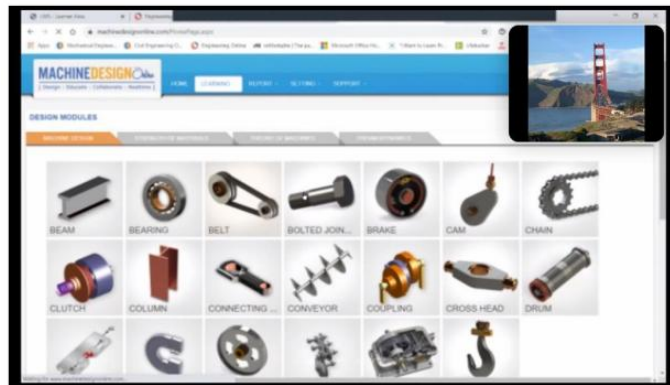
- An International Webinar on “Optimizing local energy system with Wind and Solar Energy” was organized on 03rd November 2020. Dr. Wolf-GerritFruh, Associate Professor, HeriotWatt University, UK delivered the presentation.

Academic Year 2019-20

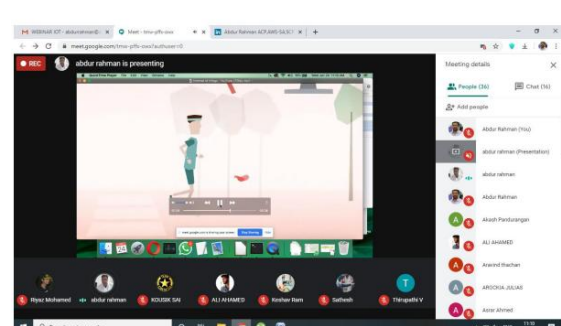
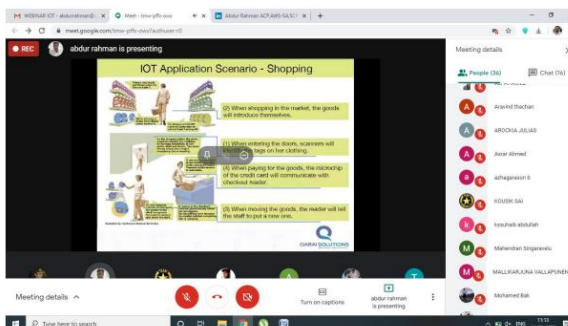
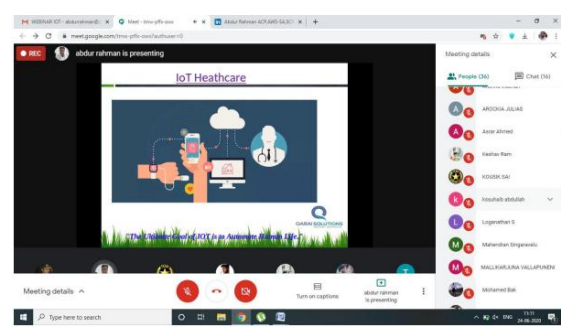
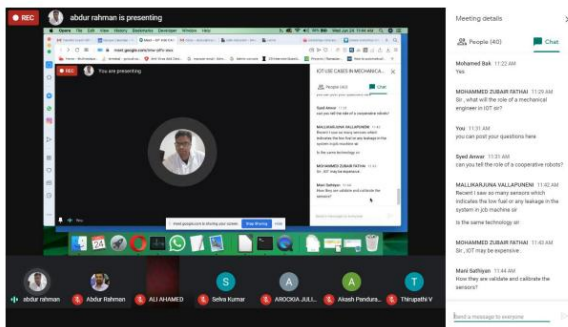
- The webinar on “Modification of oxidation properties of sulfide mix towards frictional stability in NAO brake pad” was organized in collaboration with Rimsa Metal Technology, Barcelona, Spain on 04th June 2020. The presentation was delivered by Dr. Carlos Lorenzana, Technical Director-R&D of Rimsa.



- The webinar on “Engineering Online” was organized in collaboration with the FEAST Software Product Development, Pvt. Ltd., Mumbai on 20th June 2020. Mr. GhanashyamWargay and Mr. Nithin Bhatt of the Lead team, Mumbai, delivered the presentation.



- The webinar on “IoT Use Cases in Mechanical and Industrial Areas” was organized in collaboration with QARAI Solutions, Bangalore, India, on 24th June 2020. The presentation was delivered by M. Abdur Rahman, President & CEO, QARAI Solutions.



Academic Year 2017-18

- On October 28th 2017 an iconic event conducted by ISHRAE tag lined “Ultimate Engineering Face-off “was conducted in VIT Chennai. Our students participated and won few prizes in AQuest an “All India student quiz competition organized by ISHRAE every year focused on enriching the students towards HVAC&R industry and to encourage them to choose it as their career path.

Academic Year 2016-17

- The society of ISHRAE thanks the support extended by the University for refunding the registration fee of the first 75 students.
- A guest lecture on “A Career in Refrigeration and Air conditioning” was delivered by Mr. Bhavanagarwala. M.J, Director of H&H Consulting on 27th September 2016.
- A guest lecture on “Basics of Air Conditioning” was delivered by Mr. Balaji. D, Director of Cryogenic Engineers (P) Ltd on 04th October 2016.
- The final guest lecture on “A HVAC For Beginners” was delivered by Mr.V.Sridhar, Director of Enervac Engg Consultants on 09-March- 2017.
- An industrial visit was organized on 17th April 2017 for the final year Mechanical students. The students learned about the functioning of various components and processes of valves and air-conditioning units in real time industrial environment.
- Our students participated enthusiastically in the competitions of Karni kool, a HVAC&R technical fest conducted on 18th February 2017 by ISHRAE Chennai chapter at Anna University. They also attended the technical lectures on informative topic like “Modern HVAC Technology for Green Planet” and get benefitted.
- Our university students participated in the prelims of the National level technical quiz competition conducted on 26th October 2016 at Anna University, Guindy by ISHRAE Chennai chapter. Our students won the first and second prizes and total of 5 teams got selected for finals. Our

students were the runner-ups in the finals of the A-QUEST 2016-17 conducted at Mumbai.

- A Job Junction was held by ISHRAE at National and Regional level, which offers placement for the students in reputed companies. Last year, 4 of our students got placed at Chennai level. The National level Job Junction was conducted from 21st to 23rd October 2016 at Bengaluru in which 24 students of our university participated.