



## **ASHRAE UET TAXILA STUDENT BRNCH**



### **CABINET 2024-25 REPORT**

**UNIVERSITY OF ENGINEERING AND TECHNOLOGY,  
TAXILA**

## Introduction:

The **ASHRAE UET Taxila Chapter** is a dynamic student branch of the global American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), affiliated with the Mechanical Engineering Department at the University of Engineering and Technology (UET), Taxila. The chapter is committed to advancing knowledge in the fields of **Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC&R)** among engineering students. It serves as a platform for students to explore the latest trends and innovations in energy-efficient building systems and environmental control technologies. Through its diverse activities, the chapter fosters technical excellence and professional development. Regular seminars, webinars, and industrial visits are organized to provide real-world exposure and enhance students' understanding of HVAC systems. The chapter actively participates in ASHRAE-sponsored design competitions, which challenge students to apply classroom knowledge to practical design problems. It also promotes student research and technical paper writing, encouraging innovation and creativity.



## Induction of AJS:

The induction of new members, often referred to as the AJS (Assistant Joint Secretary) interviews, is an essential process in student societies at UET Taxila. It serves as the first step for students who wish to become part of the organizing team. The interviews are designed to assess the applicants' interest, communication skills, teamwork, and willingness to contribute.

Candidates are asked about their motivation, previous experience, and understanding of society's goals. This process ensures that only dedicated and enthusiastic individuals are selected. It also helps the executive team identify future leaders and active volunteers. Overall, the AJS induction plays a key role in building a strong and committed team.

**The interviews for AJS were held on 7th July 2024 on Microsoft Teams.**



## Induction of CO AJS:

The introduction of Co-AJS (Co-Assistant Joint Secretaries) is an important step in involving new and enthusiastic members in student societies at UET Taxila. These positions are usually offered to freshers or students with limited experience who show strong potential and interest. The interview process evaluates their communication skills, motivation, and eagerness to learn. Co-AJS members work closely with senior team members, assisting in event planning, coordination, and execution. This role provides them with valuable exposure to society operations and leadership development. It also prepares them for future roles such as AJS or executive positions. The induction of Co-AJS ensures continuity, growth, and fresh ideas within society.

**The interviews for CO AJS were held from 23rd August 2024 in Conference room of Mechatronic Department.**



## Orientation of Mechatronics and Mechanical Department:

The orientation of the Mechatronics and Mechanical Engineering Departments for Batch 2024 at UET Taxila was a welcoming event aimed at introducing new students to university life and departmental culture. The session featured an overview of both departments, introductions to the faculty members, and a detailed briefing on academic policies, course structures, and credit hour systems. Senior students and faculty shared their insights and experiences, providing valuable guidance to help the newcomers adjust smoothly.



## Induction of Deputy AJS:

The induction of Deputy AJS (Deputy Assistant Joint Secretaries) is an essential part of building a supportive and well-structured team in student societies at UET Taxila. These positions are usually offered to freshers who show enthusiasm, potential, and a desire to learn. The interview process assesses qualities like dedication, communication skills, and willingness to work in a team. Deputy AJS work under the guidance of senior members, helping with basic tasks like managing registrations, handling logistics, and assisting during events. This role gives them their first exposure to society operations and leadership responsibilities. It's a learning position meant to build confidence and prepare students for future roles like Co-AJS and AJS. Overall, the induction helps bring in fresh energy and ensures the smooth functioning of society activities.

The interviews for Deputy AJS were held from 29 August 2024 in the Conference room of the Mechatronic Department.



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SHAPING TOMMOROWS BUILT ENVIRONMENT



## DEPUTY AJS INDUCTIONS



**Date:** August 29, 2024  
**Timings:** 1:00 to 3:30 PM  
**Venue:** Conference Room Mechatronics Engineering Department

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## Launching of ASHRAE Media Club:

The launching of the ASHRAE Media Club at UET Taxila marks an exciting new chapter in enhancing the society's digital presence and outreach. This club is dedicated to handling all media-related activities, including graphic designing, content creation, photography, and social media management. Its goal is to creatively represent ASHRAE's events, achievements, and initiatives to a wider audience. The launch event introduced the club's vision, core team, and plans for engaging content. It also encouraged students with creative skills to join and contribute. By bridging technical knowledge with media innovation, the club aims to make ASHRAE more accessible and impactful. The Media Club is set to become a vibrant and essential part of ASHRAE UET Taxila.



## Meeting with Vice Chancellor:

A delegation of students from ASHRAE UET Taxila held a formal meeting with the Vice Chancellor to congratulate him on receiving a prestigious educational award. The meeting was a gesture of appreciation for his outstanding contributions to academia and leadership in higher education. During the gathering, students expressed their pride in being part of an institution led by such a visionary and accomplished individual. The Vice Chancellor shared inspiring words about the importance of academic excellence and innovation. A token of appreciation was also presented on behalf of the university community. The atmosphere was filled with respect,



## General Body Meeting:

The General Body Meeting (GBM) is a crucial event held by student societies at UET Taxila to engage all members and review overall progress. It serves as a platform to discuss past activities, upcoming events, and strategic plans for society. Executive members present reports, share responsibilities, and gather feedback from the general members. The GBM also helps in identifying active participants and encouraging more involvement from the team. It promotes transparency, accountability, and teamwork within the organization. Important announcements, role changes, or new inductions are often made during the meeting.



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**ASHRAE UET TAXILA**

**PRESENTS**



**GENERAL BODY MEETING**

**23**  
SEPTEMBER  
23, 2024

**2:30 PM**

**ROOM NO. 4  
MECHANICAL ENGINEERING  
DEPARTMENT**

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## ASHRAE Scholarships Awareness Drive (2024–25)

The ASHRAE UET Taxila Student Chapter launched an awareness campaign to promote the prestigious **ASHRAE Scholarships** for the academic year 2024–25. This initiative was aimed at informing undergraduate students, particularly those in **HVAC**-related disciplines, about valuable funding opportunities that range from **\$3,000 to \$10,000**. The scholarship program is designed to support academic excellence and encourage future professionals in the HVAC industry. The campaign included digital posters, departmental announcements, and one-on-one guidance sessions to help students understand the eligibility criteria, application procedures, and the benefits of being recognized by an international professional society. This effort not only highlighted the chapter's commitment to academic development but also fostered a culture of motivation and achievement among engineering students.



## Membership Letter Distribution Ceremony

On **February 10, 2025**, the ASHRAE UET Taxila Student Branch proudly organized the **"Membership Letter Distribution Ceremony"** to formally welcome and recognize new student members. Held in Room No. 2 of the Mechanical Engineering Department, the event began at **2:00 PM** and was attended by faculty members, executive body representatives, and newly enrolled students. The ceremony aimed to appreciate the enthusiasm of students who joined ASHRAE and to highlight the benefits of active membership, such as global networking, access to technical resources, and opportunities for scholarships and internships. Students received their official ASHRAE membership letters in a dignified setting, symbolizing their commitment to professional growth and their entry into the international community of HVAC&R professionals. The event fostered a strong sense of belonging and encouraged students to actively participate in upcoming chapter activities.



## Photoshop Basic Tutorial

On **February 13, 2025**, the ASHRAE UET Taxila Student Branch organized a virtual session titled **"Basic Tutorial of Photoshop"** to enhance students' design and creative skills. Held on Microsoft Teams, the workshop commenced at **9:00 PM** and featured **Ahmed Shaheer** as the guest speaker. The session was designed to introduce beginners to the world of digital design using Adobe Photoshop, a vital tool for presentations, posters, and branding. Participants learned how to use essential tools, apply effects, and create visually appealing layouts. This initiative aimed to empower students with practical skills beyond the technical curriculum, helping them turn imagination into reality through creative expression. The event received enthusiastic participation and was appreciated for its relevance in both academic and professional environments.



## Sustainable Mobility – The Role of EVs in Renewable Energy

On February 21, 2025, ASHRAE UET Taxila Student Branch organized an insightful and forward-thinking webinar titled “**Sustainable Mobility: The Role of EVs in Renewable Energy.**” The session featured **Mr. Ali Moeen Malik**, the speaker and co-founder of **Ezikes**, a pioneering company focused on electric mobility solutions in Pakistan. Ezikes offer electric scooters and retrofit kits designed to convert petrol motorcycles into electric vehicles, contributing significantly to the reduction of carbon emissions and dependence on fossil fuels.

The webinar, held virtually on Google Meet at 2 PM, aimed to educate students and young professionals on the importance of electric vehicles (EVs) in the context of sustainable development and renewable energy. Mr. Malik shared his journey in the EV industry, the challenges faced in adopting EV technology in Pakistan, and the transformative role startups like Ezikes are playing in reshaping urban mobility.



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**Sustainable Mobility**  
**The Role of EVs in Renewable Energy**  
*ezBike is a company that offers electric scooters and retrofit kits for converting petrol motorcycles to electric*

**ALI MOEEN MALIK**  
**SPEAKER AND CO-FOUNDER ezBikes**

DATE: FEBUARY 21, 2025  
TIMINGS: 2PM  
VENUE: GOOGLE MEET

f in Twitter Instagram

## Mechanical Annual Diner

**ASHRAE UET Taxila Student Branch**, in collaboration with two other Mechanical Department societies, successfully arranged the **Mechanical Annual Dinner**. **Our team played a key role in management and hosting**, ensuring a memorable evening for all.

The group photo captures the spirit of unity and professionalism that defines ASHRAE UET Taxila. Dressed in traditional attire, members reflected the rich cultural values of the region while also symbolizing the diversity and inclusiveness of the organization. The dinner provided an opportunity for networking, recognition of active members, and discussions on the branch's future initiatives.

Such events play a pivotal role in strengthening the bond between team members and fostering a sense of belonging among students. It also serves as a platform to appreciate the dedication and contributions of everyone towards promoting ASHRAE's mission of advancing the arts and sciences of heating, ventilation, air conditioning, and refrigeration (HVAC&R).



## **1st International Conference on Advances in Mechanical, Materials, Mechatronics, and Energy Engineering (ICAMME-2024)**

The ASHRAE UET Taxila Student Branch proudly participated in the 1st International Conference on Advances in Mechanical, Materials, Mechatronics, and Energy Engineering (ICAMME-2024), held at UET Taxila. This prestigious event was organized by the Faculty of Mechanical and Aeronautical Engineering and brought together researchers, industry experts, academicians, and students from around the globe.

The conference served as a dynamic platform for knowledge exchange, showcasing groundbreaking research and technological innovations in the fields of mechanical systems, smart materials, robotics, and sustainable energy solutions. ASHRAE student members were actively involved in the organization and management of the event, demonstrating their leadership and teamwork capabilities.



## Industrial Visit to Telenor Headquarters

ASHRAE UET Taxila Student Branch successfully organized an industrial visit to the **Telenor Headquarters on 25th February 2025**. The visit was aimed at providing students with practical exposure to real-world **HVAC (Heating, Ventilation, and Air Conditioning)** systems implemented at a corporate level. During the visit, students had the opportunity to observe the infrastructure and technical layout of HVAC systems used in a high-tech commercial building, gaining insights into their design, functionality, and operational strategies. The activity bridged the gap between theoretical knowledge and industry practices, enriching students' understanding of thermal systems and energy efficiency. It was a highly productive event that aligned perfectly with ASHRAE's vision of promoting sustainable building technologies.



## **Annual Dinner and Cabinet Shifting Ceremony (27th April 2025):**

The ASHRAE UET Taxila Student Branch hosted its Annual Dinner on **27th April 2025** at **Tandoori Restaurant**, marking the successful conclusion of a remarkable term. This memorable event served a dual purpose: celebrating the collective achievements of the outgoing cabinet and formally initiating the cabinet shifting ceremony. The dinner featured various engaging activities and surprise elements arranged for the ASHRAE family, making the evening both festive and sentimental



## HVAC Lecture Series "Engineer's Role in HVAC & R Industries"

As part of its continuous efforts to enhance technical learning and professional development, ASHRAE UET Taxila Student Branch successfully conducted an insightful session under its HVAC Lecture Series on 9th May 2025 via Google Meet. The lecture was titled "Engineer's Role in HVAC & R Industries" and featured the highly experienced Engr. Adeel Nazir, an MEP Manager at Telenor Pakistan. With over 11 years of diverse experience in project design, execution, and management across multiple regions including the Middle East, Kingdom of Saudi Arabia (KSA), and Pakistan, Mr. Adeel brought valuable industry perspective to the audience.



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# HVAC Lecture series



**Adeel Nazir**

**Engineer's role in  
HVAC & R Industries**

Our speaker is an MEP Manager at Telenor Pakistan with over 11 years of experience in project design and management across various sectors in the Middle East, KSA, and Pakistan. He holds a PEC license and is also a professional trainer in HVAC, Plumbing, and BIM.

9<sup>TH</sup> MAY, 2025

Google Meet

4: 00 - 5 :00 PM

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## HAP Training Workshop

On 30th April 2025, ASHRAE UET Taxila Student Branch conducted a focused and practical workshop on the Hourly Analysis Program (HAP) v6, one of the industry's most recognized HVAC load calculation and system design tools. The session was led by Dr. Muhammad Usman, an esteemed faculty member and ASHRAE Advisor, who brought his extensive expertise to guide students through the basics and intermediate applications of the software. This exclusive training was designed for a limited number of participants (22-session capacity), ensuring that each attendee received personalized attention and hands-on exposure to real-world simulation problems using HAP.



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**HAP TRAINING WORKSHOP**

**TRAINER:** DR. MUHAMMAD USMAN  
(ASHRAE ADVISOR)

**DATE :** 30TH APRIL ,2025  
WEDNESDAY

OPEN TO ALL ( 22 SESSION ONLY)

**REGISTER NOW !!**

ASHRAE UET Taxila Student Branch