

11 SUSTAINABLE CITIES AND COMMUNITIES



Dawood UET supports **Sustainable Cities and Communities** by ensuring student engagement in community betterment and sustainable planning. This is achieved by:

- **Civic Engagement:** Implementing mandatory Corporate Social Responsibility (CSR) hours as a graduation requirement, encouraging students to address real-world challenges.
- **Sustainable Urban Planning:** Launching a Master of Science in Landscape Architecture (MS Landscape), with a specific focus on sustainable landscape planning and ecological urban development.

UPSKILLING FOR SUCCESS: A LOOK AT CPD

LECTURE ON "MASTERING STEEL FOR MODERN CONSTRUCTION" BY

**M. MUBIN JALIAWALA GENERAL MANAGER, MARKETING AND SALES – AGHA
STEEL INDUSTRIES LIMITED**

The lecture was organized by Department of Architecture and Planning (DUET) and conducted on 23rd April, 2025 at KBA Hall, Iqbal Campus. The lecture was provided an in-depth overview of modern advancements and practices in steel usage for contemporary construction, emphasizing both the technological developments and quality standards now prevalent in the industry. Further, Mr. Jaliawala began by outlining the two primary categories of steel products and also discussed an evolution of Steel Grades and Usage.

The speaker emphasized that higher-grade steel not only enhances strength but also reduces the overall quantity of steel required, thus lowering construction costs. While older homes often relied on a larger volume of low-grade steel, modern structures prioritize quality and efficiency.

In addition, Mr. Jaliawala highlighted the global landscape of steel production; Worldwide production ~2 billion metric tons annually, China's contribution ~1.2 billion metric tons (48% of global output) and Pakistan's production~4–5 million metric tons annually. He also discussed about the quality standards and regulatory bodies. Further, he explained about the chemical composition, durability and related future developments.



UPSKILLING FOR SUCCESS: A LOOK AT CPD

ORIC ROLE FOR FACULTY MEMBERS

Training about ORIC role for faculty members, held at DUET Iqbal site for Faculty of Civil Engineering and Architecture & and Planning. A training session titled “ORIC role for faculty members” was delivered by Dr. Muhammad Faisal Khan (Director, Office of Research Innovation and Commercialization (ORIC), DUET) on Monday 28th April, 2025. The activity held at Iqbal site for the Faculty of Civil Engineering and Architecture & Planning (CARP), to strengthen research collaboration, explore innovation opportunities, and discuss future initiatives aimed at enhancing the faculty’s contribution to academic and research. During the visit, Director ORIC, had a detailed meeting with Prof. Dr. Yasira Naeem Pasha (Dean, CARP). She updated Dr. Faisal about the achievements of the faculty members and students, along with ongoing research and development activities in the faculty.





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IAPEX 2025

Department of Architecture and Planning, Dawood University of Engineering and Technology, Karachi, participated in the IAPEX 2025, a three-day event, organized by the Institute of Architects, Pakistan, held from 2nd to 4th May 2025 at the Expo Center. The Department showcased its work under the supervision of Ar. Tabish Tariq, Ar. Furqan Khan and Ar. Junaud Khanzada. The students worked diligently for the event, not only for the display of student work but also as a part of the organizing team from the Institute of Architects Pakistan.

The department presented the souvenirs to peer departments of Architecture from across Sindh and eminent industry participants. The event was attended by Prof. Dr. Yasira Naeem Pasha, Dean-CARP, Ar. Reena Majid Memon, Chairperson DAP, Dr. Muhammad Faisal, Director ORIC, Dr. Dawood Idrees, Director DILPB, and faculty members of DAP-DUET further encouraged student engagement and institutional representation. The event was a vibrant showcase of innovation and professional exchange. Universities from different cities exhibited outstanding academic and student work, highlighting creative architectural designs and research.

Numerous companies participated, presenting cutting-edge materials, interior solutions, and furniture that are shaping the future of the built environment. Alongside exhibitions, insightful conferences took place, bringing together experts to discuss pressing issues and emerging trends in architecture and design. Overall, this event provided an excellent opportunity to meet practicing architects, alumni, and members of the general public, fostering valuable connections.

This venture of IAPEX helped many students in receiving internship and job offers and were introduced to systems and platforms designed to link students with career opportunities and industry networks.



MEET THE STUDENTS AND FACULTY OF
DEPARTMENT OF ARCHITECTURE AND PLANNING
DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY

2nd-4th May

Expo Centre, Karachi

HALL 01
BOOTH A01

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IAPEX 2025



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EAROPH PAKISTAN

WATER MANAGEMENT IN DEVELOPING COUNTRIES: A TALK BY EAROPH PAKISTAN IN COLLABORATION WITH THE DEPARTMENT OF ARCHITECTURE AND PLANNING

A focused event on Water Management in Developing Countries was held on 05 May 2025 at 11:00 A.M at Dawood University of Engineering and Technology, organized by EAROPH Pakistan in collaboration with the Department of Architecture and Planning. The event brought together professionals from all over the country, academics, and students to engage in a critical dialogue on sustainable water practices and urban resilience.

Prof. Dr. Yasira Naeem Pasha, Dean Faculty of Civil Engineering and Architecture & Planning, presented the welcome note for the event. She emphasized the need to generate a multifaceted dialogue to establish a long-lasting connection between key stakeholders on such issues. Keynote presentations were delivered by renowned water and environmental activist Tofiq Pasha Mooraj and urban planner and academic Farhan Anwar, both of whom offered insightful perspectives on the current water crisis, urban planning challenges, and the need for integrated management strategies.

The event was honored by the presence of Ar. Jahangir Khan Sherpao, President EAROPH Pakistan and President EAROPH Ar. Ramiz Baig, President IAP (Institute of Architects Pakistan) Ar. Fawad Sohail Abbas along with Ar. Shazia Abro, Vice Chairperson of the Pakistan Council of Architects and Town Planners (PCATP) and a delegation of architects from Peshawar and other cities. The Chairperson, Department of Architecture and Planning, Ar. Reena Majid Memon, faculty and students attended the session which was moderated by Ar. Faryal Sikander. Dr. Muhammad Faisal Khan, Director ORIC-DUET also attended the event. The event was sponsored by Hansgrohe.

The discussions emphasized inter-disciplinary approaches and community engagement as essential tools in tackling Pakistan's growing water issues. The collaboration between EAROPH and DUET's Department of Architecture and Planning reflects a shared commitment to addressing environmental challenges through academic and professional synergy.



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EAROPH PAKISTAN



COLLOQUIUM ON MENTORSHIP FOR PROFESSIONAL AND LEADERSHIP DEVELOPMENT

DEPARTMENT OF ARCHITECTURE AND PLANNING, DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY

The Department of Architecture and Planning at Dawood University of Engineering and Technology (Dawood UET Karachi) successfully hosted a Colloquium on Mentorship for Professional and Leadership Development on May 27, 2025. Under the visionary leadership of Prof. Dr. Yasira Naeem Pasha, Dean of the Faculty of Civil Engineering and Architecture & Planning, the event featured distinguished keynote speakers and panelists from leading institutions. The colloquium began with a welcome note by Prof. Dr. Yasira Naeem Pasha, followed by keynote addresses from Acting Vice Chancellor and Dean of the Faculty of Architecture and Management Sciences at NED University, Professor Stephen Lyon, and Prof. Dr. Sajida Zaki. A panel discussion, moderated by Dr. Lubaina Adnan, included esteemed panelists Dr. Yasira Pasha, Ar. Samar Ali Khan, Ar. Syed Arif Shah, and Mehwish Hasnain, offering valuable insights on mentorship and leadership. The event concluded with a souvenir distribution and refreshments, providing a platform for knowledge exchange, inspiration, and networking. The colloquium was organized by the department's faculty team, including Ar. Junaid Khanzada, Ar. Tabish Tariq, Ar. Asma Qayoom, and Ar. Furqan Khan.

