

# 6 CLEAN WATER AND SANITATION



**Dawood UET's** contribution to **Clean Water and Sanitation** is demonstrated by the Chemical Engineering department's innovative project, showcased at PACE 2025, on the "**Development of Magnetic Photocatalyst for Waste Water Treatment**".

# DUET PARTICIPATED IN PAKISTAN CHEMICAL EXPO BY PCMA

**(PAKISTAN CHEMICAL MANUFACTURERS ASSOCIATION)**

A mega event titled "Pakistan Chemical Expo (PACE) 2025" was organized by Pakistan Chemical Manufacturers Association (PCMA) at Expo center Karachi on 25-26 June 2025. This significant event provided a dynamic platform for different companies and universities to present innovative and indigenously developed technologies & products. Dawood University of Engineering and Technology (DUET) participated in this prestigious event with three projects by the Department of Chemical Engineering; development and sustainable coal ashes bases cement material, effect of Digested Inoculum Temperature on Bio-Hydrogen and Total Volatile Fatty Acids from CBC Karachi Food Waste Under Dark Fermentation and development of Magnetic Photocatalyst for Waste Water Treatment, supervised by Dr. Abdul Karim Shah, Dr. Abdul Sattar Jatoi and Dr. Shoaib Ahmed. The representatives of different companies including Sitara Chemicals, Ittehad Chemicals, Fauji Fertilizer Company (FFC), Descon Engineering Limited, and other key players in the chemical and manufacturing sectors visited DUET stall. These industry professionals engaged in detailed discussions with the student teams and faculty coordinators, showing interest in the practical relevance and commercial potential of the projects exhibited.

On behalf of DUET, participation arrangements were looked after by Dr. Abdul Sattar Jatoi (Assistant Professor, Department of Chemical Engineering) and Mr. Sadam Hussain (ORIC).

#duet #duetoric #duetchemical #duetpmc #research #projects #commercialization #pace2025 #oric #pcma #chemical

