

4th National University of Science and Technology (NUST)
FLAGSHIP INTERNATIONAL CONFERENCE – ICWEES
SHAPING TOMORROW’S SPACES, SYNERGY OF DESIGN, SUSTAINABILITY & NATURE

25th - 27th SEPTEMBER 2024

VENUE – SEMINAR HALL,
School of Art, Design and Architecture (SADA), NUST - Islamabad

Day/Date	Time	Activity	Contributor
Wednesday, 25th September 2024	09:00 - 10:00	Registration (SADA Entrance)	
	10:00 - 11:00	Opening Ceremony (SADA Seminar Hall)	
	Tea/Coffee break 11:00 – 11:30		
	11:30 – 13:00	Keynote Address Development Sustainability & Design	Ar. Kamil Khan Mumtaz Architect, Artist & Writer
	Lunch break 13:00 – 14:00		
	Theme: Policies & Legislations		
	14:00-14:30	Coming to terms with the absurdity – A Collaboration of Conflict	Anam Tariq
	14:30-15:00	Integrating Sustainability Assessment in Architectural Education: Frameworks and Practices	Rabbia Tanveer, Muhammad Shahzad Haider
	15:00-15:30	Policy & Legislation: Architecture & Design Education	Muhammad Ali Khokhar
	15:30-16:00	Impact OF STI Policy On Innovation Creation by HEIS In Pakistan: Exploring From the Triple Helix Model (THM) Perspective	Azim Ilyas , Dr. Muhammad Shafiq, Dr. Faryal
	16:00-16:30	Sustainable Urban Mobility: Methodology for Corridor Optimization to Promote Modal Choice, Redacting Congestion and Enhancing Livability in Hyderabad Pakistan	Mehnaz Soomro, Irfan Memon
	16:30-1700	Integrating Sustainability in Architectural Education: A Systematic Review	Rabbia Tanveer, Muhammad Shahzad Haider
	Tea/Coffee break 17:00 – 17:30		

Day/Date	Time	Activity		Contributor	
Thursday, 26th September 2024	10:00 – 11:00	Keynote Address <ul style="list-style-type: none">Approaches to Zero waste CitiesClimate & Cultural Resilience		Ar. Shundana Yusaf Associate Professor. Architectural History School of Architecture, University of Utah Founding Member Nááts'ílid Initiative	
	Tea/Coffee break 11:00 – 11:30				
	Theme: Material Resources				
	11:30-12:00	From Concept to Construction: Advancements in Three-Dimensional Reinforcement for 3D-Printed Concrete		Mutahir Abbas, and Muhammad Waheed	
	12:00-12:30	Statistical And Index-Based Approach of Groundwater Evaluation in Peshawar District, Pakistan (Case Study Of Peshawar)		Muhammad Huzaifa, Muhammad Mahboob Alam	
	12:30-13:00	Rainwater Harvesting for Domestic Level in Abbottabad, Pakistan: An Affordable and Sustainable Solution		Ar. Nazia Iftakhar, Ar. Iqra Khan and Dr. Rabeea Zafar	
	Lunch break 13:00 – 14:00				
	14:00 – 15:00	Keynote Address <ul style="list-style-type: none">Design for SustainabilityDesign PracticeDesign Education		Prof. Dr. Çağla Dogan PHD, Professor of Industrial Design Middle East Technical University, Faculty of Architecture	
	Theme: Material Resources / Practice & Innovation				
	Venue	Seminar Hall		Conference Room 1	
	15:00-15:30	Innovating Sustainable Building Modules with Reclaimed Timber Waste	Salman Basharat, Obaid-ur-Rehman	Development Of Sustainable High Strength Concrete Using Secondary Raw Material	Hassaan Bin Raheel, Sana Gul, M.Waleed, M.Waqas, Hasnat Taj, M.Waleed
	15:30-16:00	Commodifying Nature: The Modern Extractive State	Hamza Aziz	Prioritizing Energy Efficiency in Pakistani SMEs: A Techno-Economic Analysis using EUAC and Payback Period	Sheeraz Ahmed, Tanzeel-ur-Rashid, Shahab Khushnood, Kalsoom Bano
	16:00-16:30	Fabrication and Performance of Solar Desalination Unit Using Porous Materials	Anas Yasir, Syed Hamid Ali, Yasir Kazmi and Syed Waqar Hasan	Transformable Architecture: Hybrid Framented-Modular Solutions for Addressing Global Warming and Climate Variability	Hayidah Nadeem Awan
	Tea/Coffee break 17:00 – 17:30				

Day/Date	Time	Activity	Contributor
Friday, 27th September 2024	10:00 – 11:00	Keynote Address Rethinking Affordable Design-Corporate Innovation in Response to Urban Challenges	Ms Samina Jamil Innovation Leader,SCD Area Intralogistics Development Supply Chain Development, IKEA Supply Services (Sweden) AB
	Tea/Coffee break 11:00 – 11:30		
	Theme: Practice & Innovation		
	11:30-12:00	Investigating Tidal Energy Potential at Karachi Coastline	Muhammad Hassnain Khan, Ibrahim Ehsan, Noman Ejaz, and Syed Waqar Hasan
	12:00 -12:30	Rethinking And Revitalizing Learning Spaces in Higher Education Institutions in The Post Pandemic Environment	Saleha Ansari, Dr Abdul Waheed
	12:30 – 13:00	Integrated Design Approach in Design Education	Rabia Tahir
	Lunch break 13:00 – 14:00		
	14:00 – 16:00	Panel Discussion	Panelists: <ul style="list-style-type: none"> Ar Kamil Khan Mumtaz Architect, Artist & Writer Mr Salman Afzal Design Academic & Social Interventionist Director Bellisimo Pakistan Pvt Limited Ms Mehak Masood National Program Officer-IDF/ (MECC) Migration Environment & Climate Change Mr Abdul Rafay Syed Team Leader, R&D, Dawlance Moderator: Ms Durr-e- Shahwar Assistant Professor, Mariam Dawood school of Visual Arts and Design, BNU
	16:00 - 17:00	Closing Ceremony & Certificate Distribution Competition winners Announcement	
	17:00 - 17:30	Refreshment	
		Group Photo	

3 – DAY DESIGN COMPETITION

SHAPING TOMORROW’S SPACES, SYNERGY OF DESIGN, SUSTAINABILITY & NATURE

Reimagine Learning Spaces by Moving beyond traditional classroom settings to create innovative, sustainable pop-up environments

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VENUE – Studio Ground Floor,
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Wednesday, 25th September 2024	09:00 - 10:00	Registration
	10:00 - 11:00	Opening Ceremony
	11:00 – 11:30	Tea/Coffee break
	11:30 – 17:00	Introduction and Briefing Session
Thursday, 26 th September 2024	09:00 -17:00	Design Development and Feedback Rounds
Friday, 27 th September 2024	09:00 – 11:00	Submission
	11:00 -12:00	Jury
	16:00 -17:00	Closing Ceremony Competition winners Announcement