



Capital University of Science and Technology

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List of Conference Publications

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- [1] A. Tariq, "Towards a Sustainable Future: The Role of Economic Performance and Renewable Energy Usage in G-20 Countries with Financial Inclusion and Green Bonds as Moderators," Applied Business Research Conference 2025 on April 17th in CUST, Islamabad.
- [2] S. Safdar, M. Ammar and S. M. Bakhtiar, "Harnessing Metagenomics Approach to Discover Non-Invasive Biomarkers for Metabolic Syndrome" at Biohub: International Conference on Future of Biotechnology and Bioengineering (ICFBB-2025), Department of Biotechnology and Genetic Engineering, Kohat University of Science and Technology on 18th-19th June, 2025.
- [3] S. Safdar and S. M. Bakhtiar, "Unraveling the Microbiome-Metabolite Axis in Metabolic Syndrome via Integrative Metagenomics". at 15th International Bilingual Conference of Pakistan Society for Microbiology (FIBC-PSM 2025) at Quaid-i-Azam University, Islamabad, Pakistan on 15th-17th April, 2025.
- [4] M. Ammar, A. Azhar, M. Azhar, A. Sheeraz, H. Javed, and S. M. Bakhtiar, "Prediction of Epidemics Using SIR and SEIR Models" at 15th International Bilingual Conference of Pakistan Society for Microbiology (FIBC-PSM 2025) at Quaid-i-Azam University, Islamabad, Pakistan on 15th-17th April, 2025.
- [5] S. Shukurullah, I. Hassan, S. S. S. Gardezi, "Structural equation modeling (SEM) approach for causal investigation of causes and challenges for demolition waste sustainable management" Conference of environmental and Climate Technologies, 2025.
- [6] M. Awais and M. Ali "A Review on Different Structural Analysis and Design Methods for High-rise Irregular Buildings". 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.
- [7] S. U. Rehman and M. Ali "Strength regain of damaged bendable composite with carbon



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fibre reinforced polymer sheets”. 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.

- [8] M. U. Shahid and M. Ali “An Overview of Synergies and Differences of Circular Economy with Sustainability, Lean Construction and Zero Waste Management Approaches for Minimization of Material Waste”. 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.
- [9] S. Ahmed and M. Ali “Axial Tensile Strength of Recycled Plastic Rebar-Steel Nut Connection for Application in Mortar-free Construction”. 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.
- [10] W. Akram and M. Ali “Evaluating Performance of Wall Corner-Joints in Mortar-Free-Interlocking Block Walls under Dynamic Loading”. 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.
- [11] A. Rehman, A. W. Tehami and M. Ali “A Comparative Review of Landfill Soil Instability and Waste-Based Approaches in Civil Engineering”. 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.
- [12] A. J. Das and M. Ali “Mechanical and microstructure properties of recycled high impact polystyrene”. 3rd International Multidisciplinary Conference on Emerging Trends in Engineering Technology (IMCEET2025), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs, Sindh, Pakistan. April 28-30, 2025.
- [13] Z. Khan and M. Ali “Innovative Architecture for Tomorrow: The Impact of Adaptive Bio-Construction on Sustainable Urban Growth”. International Conference on Climate



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Change, Environment and Sustainability (I3CES 2025), The University of Lahore, Pakistan. February 25-26, 2025.

- [14] M. Haseeb and M. Ali “Challenges in Seismic Analysis and Design of High-rise Irregular Building: An Overview”. International Conference on Climate Change, Environment and Sustainability (I3CES 2025), The University of Lahore, Pakistan. February 25-26, 2025.
- [15] M. Saad, A. W. Tehami and M. Ali “An Overview On Waste Materials Potential For Soil Stabilization At Mass Scale In Developing Countries”. International Conference on Climate Change, Environment and Sustainability (I3CES 2025), The University of Lahore, Pakistan. February 25-26, 2025.
- [16] W. Akram and M. Ali “Determination of Fundamental Frequency and Damping Ratio of Mortar-Free-Interlocking-Plastic-Block Wall-Joints Based on Snapback”. International Conference on Climate Change, Environment and Sustainability (I3CES 2025), The University of Lahore, Pakistan. February 25-26, 2025.
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- [20] A. W. Tehami and M. Ali “An Overview On Innovative Approaches For Soil Stabilization”. 2nd International Conference on Climate Change and Emerging Trends in Civil Engineering (CCETC-25), GIKI, Swabi, Pakistan. February 20, 2025.
- [21] A. Ullah and M. Ali “Understanding The Dynamic Behavior of Junctions in Mortar-free Interlocking Block Walls Through Literature Research”. 2nd International Conference on Climate Change and Emerging Trends in Civil Engineering (CCETC-25), GIKI, Swabi, Pakistan. February 20, 2025.



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- [23] F. U. Khan and M. Ali “An insight into advanced perspective (functions) of BIM Tools for analysis and design of high-rise irregular buildings”. 2nd International Conference on Climate Change and Emerging Trends in Civil Engineering (CCETC-25), GIKI, Swabi, Pakistan. February 20, 2025.
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- [25] Z. Khan and M. Ali “Biom mineralization and High Calcite Formation by Bacillus: Implications for Fiber Bio-Concrete Applications”. 2nd International Conference on Climate Change and Emerging Trends in Civil Engineering (CCETC-25), GIKI, Swabi, Pakistan. February 20, 2025.
- [26] M. Nageen, S. S. R. Rizvi, and M. Furqan, “Unsupervised machine learning insights into hereditary disorders through genomic profiling,” Proceedings of IASTEM International Conference, Baku, Azerbaijan, 11th – 12th February, 2025.
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- [28] S. Sabir and S. Faiz, Enhancing Green Performance through Green HRM: A Human Capital Perspective. Conference proceedings “AI & Sustainability: Redefining the Landscape of Management & Social Sciences” The 12th Applied Business Research Conference (ABRC) 2025, Capital University of Science & Technology.
- [29] S. Ali, and S. Faiz, Navigating Change: The Role of Digital Leadership in Agile Response with Cultural Intelligence as a Key Enabler. Conference proceedings “AI & Sustainability: Redefining the Landscape of Management & Social Sciences” The 12th Applied Business



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