

# List of Conference Publications

## Capital University of Science and Technology

- [1] S. S. S. Gardezi and N. Shafiq, "Prospects of a sustainable eol-carbon footprint assessment of a tropical housing habitat," in *Proceedings of the International Conference on Civil, Offshore and Environmental Engineering*, pp. 545–554, Springer, 2021.
- [2] A. Zaman, F. Khalid, and M. Ali, "Provisions of sustainability in structural design approaches in different codes," in *6th International Conference on Building Materials and Construction (ICBMC 2021)*, National University of Singapore, 2021.
- [3] H. Khalil, M. M. Ahmed, U. Rafique, R. Almesaeed, and W. Nazar, "Optimum placement of conformal antenna array based on path loss profile," in *Proceedings of International Conference on Advances in the Emerging Computing Technologies (AECT)*, pp. 1–5, IEEE, 2020.
- [4] U. Rafique and H. Khalil, "Modified planar rectangular antenna array for wideband 5G MIMO applications," in *Proceedings of International Conference on Advances in the Emerging Computing Technologies (AECT)*, pp. 1–5, IEEE, 2020.
- [5] S. Agarwal, U. Rafique, and V. Jain, "Wideband e-Shaped Planar Antenna for Cellular, GPS, and Wireless Applications," in *International Conference on Intelligent Computing and Smart Communication 2019*, pp. 633–641, Springer, 2020.
- [6] U. F. Ahmed, Z. Hameed, F. Ahmed, T. A. U'Chong, M. M. A. Asif, *et al.*, "Design and development of control system for unmanned ground vehicle and its manipulator," in *2020 International Conference on Engineering and Emerging Technologies (ICEET)*, pp. 1–8, IEEE, 2020.
- [7] M. Sudheer and M. Ali, "Behaviour of interlocking block structures under dynamic loading: A review," 2020.
- [8] A. Shehryar and M. Ali, "Improvement in impact resistance of gfrp reinforced concrete wall panels using jute fibres," in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [9] M. Sudheer and M. Ali, "Behavior of interlocking plastic-block wall with opening under harmonic loading using locally developed shake tables," in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [10] S. Afzal and M. Ali, "Out-of-plane behavior of mortar-free interlocking solid-walls under seismic loading – a review," in *11th International Civil Engineering Conference*

(ICEC2020) *Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.

- [11] A. Abbas, A. Ejaz, and M. Ali, “Utilization of natural fibers in concrete for improving behavior of non-structural elements – a review,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [12] H. U. Din and M. Ali, “Energy dissipation in 3d structure with multiple uplifts at column bases,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [13] I. Waris and M. Ali, “Finite element modelling of uplift in structures - a review,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [14] M. B. T. Kiani and M. Ali, “Seismic analysis and design of elevated water tower – a review,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [15] A. U. Rahman and M. Ali, “Influence of jute fibre and gfrp rebars in compressive and dynamic behavior of prototype thin shear concrete walls,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [16] T. Ahmed, M. Farooqi, and M. Ali, “Compressive behavior of rice straw-reinforced concrete for rigid pavements,” *MS&E*, vol. 770, no. 1, p. 012004, 2020.
- [17] M. Shah, M. U. Farooqi, and M. Ali, “Use of admixtures in improving bonded asphalt overlay on concrete pavements-a critical review,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [18] S. Z. Ali, M. U. Farooqi, and M. Ali, “Assessment of asphalt overlay performance over concrete bridge deck,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [19] M. U. Rahman, M. U. Farooqi, and M. Ali, “Use of bim tools in highway transportation system in developed countries - a review,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*”, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
- [20] M. A. Tariq, M. U. Farooqi, and M. Ali, “A review on different influential factors and techniques for evaluating bonding between asphalt overlay and concrete pavement,” in

*11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.

- [21] W. Raza, F. Khalid, and M. Ali, “A review on observed flaws in bricks and their possible sustainable remedies for local construction,” in *11th International Civil Engineering Conference (ICEC2020) Integrating Innovation and Sustainability in Civil Engineering*, NED-UET / IEP Karachi, Pakistan, vol. 11, 2020.
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- [23] S. S. S. Gardezi and N. Shafiq, “Prospects of a sustainable eol - carbon footprint assessment of a tropical housing habitat,” in *6th International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2020)*, p. 5, 2020.
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- [29] M. Bano, R. N. B. Rais, S. S. A. Gilani, and A. Qayyum, “SDNHybridMesh: a hybrid routing architecture for sdn based wireless mesh networks,” in *Workshops of the International Conference on Advanced Information Networking and Applications*, pp. 366–375, Springer, 2020.
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- [113] "Simplified procedure for estimating modified response modification factor of a complex high-rise building,"

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