

List of Conference Publications

Capital University of Science and Technology

- [1] M. Zahid, I. Hussain, and M. F. Iqbal, "Realistic estimation of signal-to-noise ratio in microwave receivers," in *2019 16th International Bhurban Conference on Applied Sciences and Technology (IBCAST)*, pp. 952–955, IEEE, 2019.
- [2] T. Ahmed and N. M. Khan, "A simple and low cost land-mobile-radio design for interoperability among radio networks in a public safety scenario," in *2019 International Conference on Communication Technologies (ComTech)*, pp. 1–6, IEEE, 2019.
- [3] S. Ahmad and Q. Mahmood, "An authentication based scheme for applications using JSON web token," in *INMIC 2019*, 2019.
- [4] U. Maqbool and U. A. Khan, "Wavelet based feature analysis of fault signals in a Microgrid," in *2018 International Conference on Power Generation Systems and Renewable Energy Technologies (PGSRET)*, pp. 1–6, IEEE, 2018.
- [5] I. Hassan, A. R. Ghumman, and W. Aruba, "Simulating precipitation of bahawalpur and its adjoining cholistan desert of pakistan due to climate change," in *8th International Conference On Water Resources and Arid Environments. Riyadh Saudi Arabia*, 2019.
- [6] I. Hassan and W. Aruba, "Comparative analysis of solid waste management practices in higher education institutions of developing countries," in *3rd Asian Conference on Science, Technology & Medicine, ACSTM, Deira, Dubai UAE*, 2019.
- [7] M. Waqas and M. Ali, "An efficient approach to incorporate soil-structure interaction effects for practicing engineers," in *IACGE 2018: Geotechnical and Seismic Research and Practices for Sustainability*, pp. 639–651, American Society of Civil Engineers Reston, VA, 2019.
- [8] N. Ajaz, A. Rashid, and M. Ali, "Relationship between energy dissipation and column uplift in simple 3d structure during dynamic loading," *Structure*, vol. 75, pp. 0–017.
- [9] M. Ali and M. Affan, "Compressive behavior of jute fiber reinforced concrete under freeze-thaw cycles," in *International Civil Engineering and Architecture Conference*, 2019.
- [10] M. Khan, M. Cao, and M. Ali, "Influence of CaCO₃ whiskers, steel fibers and basalt fibers hybridization on flexural toughness of concrete," in *5th International Conference on Sustainable Construction Materials and Technology, Kingston University, London UK*, 2019.

- [11] F. Qamar, T. Thomson, and M. Ali, “Effect of natural fibrous plaster on lateral resistance of mortarless interlocking wall,” in *5th International Conference on Sustainable Construction Materials and Technology, Kingston University, London UK*, 2019.
- [12] M. Affan and M. Ali, “Behavior of jute fiber reinforced concrete under freeze-thaw cycles,” in *International Civil Engineering and Architecture Conference, Trabzon, Turkey*, 2019.
- [13] M. Zahid and M. Ali, “Behavior of jute fiber reinforced stabilized earth-brick to improve load carrying capacity,” in *International Civil Engineering and Architecture Conference, Trabzon, Turkey*, 2019.
- [14] M. M. B. Safdar and M. Ali, “Robot structural analysis for practising designers in developing countries – challenges and their solution,” in *International Civil Engineering and Architecture Conference, Trabzon, Turkey*, 2019.
- [15] A. N and A. M, “Numerical modelling of uplift in simple 3D structure,” 2019.
- [16] D. Khan, E. A M, M. S T, and S. S S, “Embodied carbon footprint assessment of a conventional commercial building using BIM,” *11th International Conference (CITC-11) September 9-11, 2019, London, UK*, 2019.
- [17] A. J. H. K. R. M H S, Syed and S. S S, “Assessment of embodied carbon footprint of an educational building in pakistan using building information modelling (BIM),” *11th International Conference (CITC-11) September 9-11,2019, London, United Kingdom*, 2019.
- [18] S. Gul and S. Naseer, “Concrete containing recycled rubber steel fiber,” *Procedia Structural Integrity*, vol. 18, pp. 101–107, 2019.
- [19] K. Mehdi, S. Gul, and M. Ali, “Influence of bio-based admixture on compressive strength of concrete for columns,” *Procedia Structural Integrity*, 2019.
- [20] U. Khan, F. Khalid, and M. Ali, “Potential utilization of waste-materials in construction-determination of properties of composite having waste materials,” 2019.
- [21] K. F. Raza, Ahmad and K. Ali, “Effect of various aggregate sources on concrete strength,” 2019.
- [22] K. Arooj, M. U. Farooqi, and M. Ali, “Availability and potential of natural fibres of pakistan to be used in rigid pavements,” 2019.
- [23] M. U. Farooqi and M. Ali, “Construction practices for first ever wheat straw reinforced concrete pavement for light traffic,” *5th International Conference on Sustainable Construction Materials and Technology*, 2019.
- [24] T. Ahmed, M. U. Farooqi, and M. Ali, “Compressive behaviour of rice straw reinforced concrete for rigid pavements,” *8th Global Conference on Materials Science and Engineering*, 2019.

- [25] M. Khana, S. S. Warsia, S. H. I. Jafferya, R. Ahmada, and M. Younasa, “Analysis of energy consumption in orthogonal machining of Al 6061-T6 Alloy,” in *Advances in Manufacturing Technology XXXIII: Proceedings of the 17th International Conference on Manufacturing Research, incorporating the 34th National Conference on Manufacturing Research, 10-12 September 2019, Queen’s University, Belfast*, vol. 9, p. 327, IOS Press, 2019.
- [26] M. B. Bashir and A. Nadeem, “An experimental tool for search-based mutation testing,” in *2018 International Conference on Frontiers of Information Technology (FIT)*, pp. 30–34, IEEE, 2018.
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- [30] S. Khurshid, M. Qasim Khan, N. A. Qureshi, I. Riasat, S. Hafeez, and S. M. Bakhtiar, “Prevention and management of cardiovascular disorders by the virtue of nuterigenetics and exercise training,” in *1st International Conference on Recent Updates in Biotechnology ICRUB 2019*.
- [31] H. Khalil, M. M. Ahmed, S. Rahman, and U. Rafique, “Nose cone conformal antenna array design for X-band Radar applications,” in *Proceedings of Progress In Electromagnetics Research Symposium (PIERS), Toyama, Japan*, pp. 1–3, 2018.
- [32] U. Rafique, M. M. Ahmed, M. M. Hassan, and H. Khalil, “A modified super-wideband planar elliptical monopole antenna,” in *Proceedings of Progress In Electromagnetics Research Symposium (PIERS), Toyama, Japan*, pp. 1–6, 2018.
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- [35] S. A. Abbas, R. Samar, M. A. Rizvi, and A. I. Bhatti, “A method for multimodal optimization with application to signal processing,” in *2018 15th International Bhurban Conference on Applied Sciences and Technology (IBCAST)*, pp. 357–364, IEEE, 2018.

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- [38] U. Maqbool and U. A. Khan, "Dynamic and transient analysis of a wavelet based protection scheme," in *5th International Conference on Electrical Engineering (ICEE), Lahore, Pakistan*, pp. 1–5, 2018.
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- [41] N. Sohaib and Hamdanullah, "Finite element analysis of piled-raft foundation in clayey soil," in *3rd International Conference on Emerging Trends in Engineering, Management & Sciences (ICETEMS-2018), Pakistan*, 2018.
- [42] N. Sohaib, F. Seemab, G. Sana, and R. Mamoon, "Using polypropylene fibers in concrete to achieve maximum strength," in *Eighth International Conference On Advances in Civil and Structural Engineering-CSE 2018*, 2018.
- [43] S. Ismail, S. Tariq, S. Gul, and M. Ali, "Seismic construction practices of commercial RCC buildings via visual inspection in developing countries," in *Annual New Zealand Society for Earthquake Engineering Technical Conference, Auckland, New Zealand*, p. Paper P1.35, 2018.
- [44] F. Qamar, S. Qin, and M. Ali, "Estimating seismic resistance of fibrous plastering effect on mortar less interlocked masonry walling with finite element modelling," in *Annual Australian Earthquake Engineering Society Conference*, 2018.
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- [59] “Transformation of 3ds jobs using building information modeling (bim) – a prospective of malaysian construction industry,”
- [60] “Evaluation of response modification factors in moment resisting frame buildings considering soil-structure interaction,”
- [61] “Simplified procedure for estimating modified response modification factor of a complex high-rise building,”
- [62] A. Ayuba, N. A. Sheikhb, R. Tariqb, and M. M. Khan, “Thermodynamic optimization of air bottoming cycle for waste heat recovery,” in *Energy Systems for Sustainable Development, Lahore*, 2018.
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