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WORK EXPERIENCE

Assistant Professor	December 2021- Present	Shaheed Benazir Bhutto University, Sanghar Campus
Post-Doc Researcher	July 2020 – July 2021	Universiti Teknologi Malaysia
Research Assistant	Jan 2020 - June 2020	Universiti Teknologi Malaysia

ACADEMIC DETAILS

Doctor of Philosophy (Ph.D.)	2017-2020	Universiti Teknologi Malaysia
Master of Computer Science (MCS)	2014-2016	University of Malaya
Bachelor Science (Computer Science) (BS(CS))	2005-2009	Quaid-e-Awam University of Engineering, Science & Technology

RESEARCH PUBLICATIONS (CUMULATIVE IMPACT FACTOR = 20.53)

1	Zuhra, F. T., Bakar, K. B. A., Arain, A. A., (2020). MIQOS-RP: Multi-Constraint Intra-BAN, QoS-aware Routing Protocol for Wireless Body Sensor Networks. <i>IEEE Access</i> , 8, 99880-99888 (IEEE, IF= 4.0).
2	Zuhra, F. T., Bakar, K. B. A., Arain, A. A., (2019). LLTP-QoS: Low Latency Traffic Prioritization and QoS-aware routing in Wireless Body Sensor Networks. <i>IEEE Access</i> , 7, 152777-152787 (IEEE, IF= 4.0).
3	Zuhra, F. T., Bakar, K. B. A., Arain, A. A., & Tunio, M. A. (2017). Routing protocols in Wireless Body Sensor Networks: A comprehensive survey. <i>Journal of Network and Computer Applications</i> , 99, 73-97 (Elsevier, IF = 3.5).
4	Zuhra, F. T., Arain, A. A., & Tunio, M. A. (2016). An Implementation of Expert System for Orthopedic Patient Diagnosis. <i>Quaid-e-Awam Univ. Res. J. Eng. Sci. Technol.</i> , 15(1) (Y category, HJRS).
5	Sahar, G., Bakar, K. A., Zuhra, F. T., Rahim, S., Bibi, T., & Madni, S. H. H. (2021). Data Redundancy Reduction for Energy-Efficiency in Wireless Sensor Networks: A Comprehensive Review. <i>IEEE Access</i> , 9, 157859- 157888 (IEEE, IF= 4.0).
6	Ahmed, A., Ashraf, U., Tunio, F., Bakar, K. A., & AL-Zahrani, M. S. (2018). Stealth Jamming Attack in WSNs: Effects and Countermeasure. <i>IEEE Sensors Journal</i> , 18(17), 7106-7113 (IEEE, IF= 2.6).
7	Mujahid, M. A., Bakar, K. A., Darwish, T. S., & Zuhra, F. T. (2020). Cluster-Based Location Service Schemes In Vanets: Current State, Challenges And Future Directions. <i>Telecommunication Systems</i> , 1-19 (Springer, IF= 1.7).
8	Mujahid, M. A. A., Bakar, K. B. A., Darwish, T. S., Zuhra, F., Ejaz, M. A., & Sahar, G. (2020). Emergency Messages Dissemination Challenges through Connected Vehicles for Efficient Intelligent Transportation Systems: A Review. <i>Baghdad Science Journal</i> , 17(4), 1304-1304 (IF=0.73, SJR= 0.12).
9	Mohammad, H., K.B.A., Isnin, Fauzi., M. Zaki, Kaha, H., & Zuhra, F. T., (2020). Dynamic Mobile Anchor Path Planning For Underwater Wireless Sensor Networks. <i>TELKOMNIKA (Telecommunication Computing Electronics and Control)</i> (Scopus, SJR= 0.12).