

LAEEQ ASLAM

laeeqaslam@gmail.com

laeeq.aslam@pucit.edu.pk

Cell: +92(332)8400584

SUMMARY		
	Assistant Professor at University of the Punjab with more than 13 years of teaching and research experience.	
EDUCATION		
2010– 2017	University of the Punjab	Lahore
	■ Ph.D. Computer Science	
2001–2004	Lahore University of Management Sciences	Lahore
	■ M.S. Computer Science.	
1996–2000	University of Agriculture	Faisalabad
	■ B.Sc. Agricultural Engineering.	
PUBLICATIONS		
1.	S. Sarwar, R. Sirhindi, L. Aslam , G. Mustafa, M. M. Yousaf, and S. W. U. Q. Jaffry, "Reinforcement Learning Based Adaptive Duty Cycling in LR-WPANs", IEEE Access (IF 3.745), vol. 8, pp. 161157-161174, 2020. https://doi.org/10.1109/ACCESS.2020.3021016	
2.	M. U. Sadiq, M. M. Yousaf, L. Aslam , M. Aleem, S. Sarwar, and S. W. Jaffry, "NvPD: Novel Parallel Edit Distance Algorithm, Correctness, and Performance Evaluation", Cluster Computing (IF 3.458), vol. 23, pp. 879-894, 2020. https://doi.org/10.1007/s10586-019-02962-w	
3.	M. M. Mubasher, S. W. Jaffry, M. M. Yousaf, I. S. Bajwa, S. Sarwar, L. Aslam , "A Smart Integrated Environment for Vehicular Traffic Simulation", International Journal of Communication Systems (IF 1.319), vol. 32(13), pp. e4029, 2019. https://doi.org/10.1002/dac.4029	
4.	S. Sarwar, S. Rauf, R. Rasheed, L. Aslam , "Energy-aware Routing in Internet of Things (IoT)", IEEE 2 nd International Conference on Communication, Computing and Digital Systems (C-CODE), Islamabad, March 2019	
5.	S. Sarwar, R. Rasheed, M. A. Tariq, L. Aslam , "Importance of Trickle Algorithm in IoT", IEEE 2 nd International Conference on Communication, Computing and Digital Systems (C-CODE), Islamabad, March 2019	
6.	L. Aslam , S. Sarwar, M. M. Yousaf, S. W. Jaffry, "Computational Complexity of Cycle Discrepancy", Sindh University Research Journal – SURJ (Science Series) vol. 50 (4), pp. 537-540, 2018	
7.	A. Ahmad, M. M. Yousaf, S. Sarwar, W. U. Qounain, L. Aslam , M. Khalid, "Optimized Scheduling for Parallel Computing Environment", Sindh University Research Journal – SURJ (Science Series) vol. 50 (2), pp. 295-302, 2018	
8.	L. Aslam , S. Sarwar, M. M. Yousaf, W. U. Qounain, "Cycle Discrepancy of Cubic Toeplitz Graphs", Pakistan Journal of Engineering and Applied Sciences, vol. 22, pp. 14-19, 2018	
9.	M. M. Yousaf, M. U. Sadiq, L. Aslam , W. U. Qounain, S. Sarwar, "A Novel Parallel Algorithm for Edit Distance Computation", Mehran University Research Journal of Engineering and Technology, vol. 37(1), pp. 223-232, 2018	
10.	S. Sarwar, F. Zeeshan, L. Aslam , M. M. Yousaf, W. U. Qounain, "Composite Burst Assembly for OBS-Networks", Sindh University Research Journal – SURJ (Science Series) vol. 49 (4), pp. 773-778, 2017	
11.	S. Sarwar, H. Khalid, L. Aslam , W. U. Qounain, M. M. Yousaf, "Analytical Model of Delayed Server System (DSS) for Energy Conservation", Sindh University Research Journal – SURJ (Science Series) vol. 49 (3), pp. 529-534, 2017	
12.	I. Latif, S. W. Jaffry, S. Sarwar, L. Aslam , M. M. Yousaf, "Framework for Evaluating Credibility of External Links in Wikipedia", Bahria University Journal of Information & Communication Technologies, vol. 10, 2017	

13.	S. M. Junaid, S. W. Jaffry, M. M. Yousaf, L. Aslam , S. Sarwar, "Sentiment Analysis and Opinion Mining – A Facebook Posts and Comments Analyzer", Technical Journal UET Taxila, vol. 22(2), pp. 98-104, 2017		
14.	S. Ahmad, M. M. Yousaf, S. W. Jaffry, S. Sarwar, L. Aslam , "Comparison of Resource Management Frameworks for Processing Big Data", Bahria University Journal of Information & Communication Technologies, vol. 9(2), pp. 34-38, 2016		
15.	Laeq Aslam , Shahzad Sarwar, Muhammad Murtaza Yousaf, and Waqar ul Qounain, "Cycle Discrepancy of d-Colorable Grpahs", Pakistan Journal of Engineering and Applied Sciences, vol. 18, pp. 50-55, January 2016		
16.	Sarmad Abbasi and Laeq Aslam , "The Cycle Discrepancy of Three-Regular Graphs", Graphs and Combinatorics (IF 0.441), vol. 27, pp. 27-46, 2011		
17.	Laeq Aslam and Nadeem A. Khan, "A Motion Adaptive Inter-Coding Algorithm for H.264", European Signal Processing Conference (EUSIPCO), Poznan, Poland, September, 3-7, 2007		
18.	F. R. Dogar, L. Aslam , Z. A. Uzmi, S. Abbasi, Y. C. Kim, "Connection Preemption in Multi-Class Networks", IEEE, Globecom, San Francisco, California, USA, November 2006		
19.	L. Aslam , A. Iqbal, Y. Hashmi, "Counting Theory: A Cognitive Approach", 3rd International Conference on The Teaching of Mathematics, Istanbul, Turkey, June 2006		
EXPERIENCE			
	August 2007– Date <i>Assistant Professor</i>	PUCIT, University of the Punjab	Lahore
	<ul style="list-style-type: none"> ▪ Theory of Computation, Advance Analysis of Algorithms, Theory of Automata and Formal Languages, Discrete Mathematics, Design and Analysis of Algorithms, Introduction to Computing, Multimedia System Development 		
	March 2006– August 2007 <i>Visiting Lecturer</i>	PUCIT, University of the Punjab	Lahore
	<ul style="list-style-type: none"> ▪ Multimedia System Development 		
	Feb 2006–May 2006 <i>Instructor</i>	Beaconhouse National University	Lahore
	<ul style="list-style-type: none"> ▪ Digital Video 		
	Dec 2003–Nov 2006 <i>Teaching Assistant</i>	Lahore University of Management Sciences	Lahore
	<ul style="list-style-type: none"> ▪ Introduction to Multimedia Systems, Digital Image Processing, Multimedia Communications, Image and Video Compression, Topics in Multimedia 		
	Jun 2004–Sep 2004 <i>Research Assistant</i>	Lahore University of Management Sciences	Lahore
	<ul style="list-style-type: none"> ▪ Worked in a team as a research assistant on a project to develop a secure video conferencing system. Implemented two encryption schemes: AES and a locally suggested scheme. 		
HONORS AND AWARDS			
	<ul style="list-style-type: none"> ▪ Member of Pakistan Engineering Council (AGRI / 2190) ▪ Ministry of Science and Technology scholarship holder for MS-Computer Science ▪ HEC Scholarship holder for PhD Computer Science 		
OTHER INTERESTS			
	Reading litrature, Exploring new research trends.		