Dr. Saduf Afzal

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EDUCATION

Ph.D. Computer Science 2018
University of Kashmir, India

M.Phil. Computer Science 2015
University of Kashmir, India

Master of Computer Application 2012
University of Kashmir, India

Bachelor of Computer Application 2009
University of Kashmir, India

WORK EXPERIENCE

Assistant Professor 2019-Present
Department of Computer Science, University of Kashmir, India

Assistant Professor 2017-2019
Department of Computer Science, Islamic University of Science and Technology

Lecturer Computer Science 2013- 2013
Govt. Higher Secondary School, Srinagar, India

Academic Councilor 2012 - 2012
Indira Gandhi National Open University (IGNOU), Delhi

RESEARCH INTEREST

Deep learning, Machine Learning, Neural Networks

PUBLICATIONS

- Artificial Intelligence in Oncology. Artificial Intelligence in Human Health and Diseases**,** 2025**,** Springer
- Magic of Artificial Intelligence. Artificial Intelligence in Human Health and Diseases, 2025 Springer
- Predicting and Mitigating the Effect of Skewness on Credibility Assessment of Social Media Content Using Machine Learning: A Twitter Case Study. International Journal of Computer Theory and Engineering, 2023.
- Gain parameter and dropout based fine tuning of deep networks. International Journal of Intelligent Information and Database Systems, 11(4), 2018.

- Optimization of Deep Network Models through Fine Tuning. International Journal of Intelligent Computing and Cybernetics. Vol. 11(3), 386-403, 2018**.**
- Training and Model Structure of Deep Architectures. Artificial Intelligent Systems and Machine Learning, Vol. 10(2), 38-46, 2018
- Algorithms for Optimized Training of Artificial Neural Networks. International Journal of Innovative and Emerging Research in Engineering, Vol. 4(8), 24-33, 2017
- Comparative study of Adaptive learning rate and Resilient back propagation algorithm for Neural net classifier optimization. International journal of Distributed and cloud computing, Vol. 2(1), 2014
- Comparative study of high speed back propagation learning algorithm. International Journal of Modern Education and Computer Science, Vol. 12., 2014.
- Improving learning efficiency by Adaptively Changing Learning Rate and Momentum. International Journal of Advance Foundation and Research in Science & Engineering (IJAFRSE), Vol 1(3), 2014
- Comparative study of back propagation learning algorithms for neural networks. International Journal of Advanced Research in Computer Science and Software Engineering, Vol. 3(12), 2013
- A Comparative Study of Various Approaches for Dialogue Management. International Journal of Advanced Computer Technology, Vol. 2(4), 2013
- Deep Neural Network Architectures: A Review, International Conference on Advances in Computer Sciences & Technology (ICACS&T), 2023
- A Deep Neural Network for the Detection of COVID-19 from Chest X-ray Images," 2022 9th International Conference on Computing for Sustainable Global Development (INDIACom), pp. 659-663**.** 2022**.**
- A New Framework for Fine Tuning of Deep Networks. In Machine Learning and Applications (ICMLA), 2017 16th IEEE International Conference on (pp. 359-363). IEEE. 2017. Finite State Morphological Analysis of Kashmir Language. International Conference on Advanced Computing and Communication Technologies (ICACCT). (pp. 84-89), 2012.

BOOKS PUBLISHED

Advances in Deep Learning (2019), **Springer**, Germany, ISBN 978-981-13-6794-6

REVIEWER

Reviewer at Emerald Publishing and Frontiers Physiology