

St. Thomas Aquinas Award for Research

Assistant Professor Dr. Piyabute Fuangkhn

Awarded St. Thomas Aquinas Award for Research (Third Class)

Citation

Assistant Professor Dr. Piyabute Fuangkhn was awarded the B.S., M.S., and Ph.D. degrees in Computer Science from Assumption University, Thailand, in 2000, 2005, and 2013, respectively. He was appointed to an Assistant Professorship in 2013.

He has been working at Assumption University since 2000. At present, he is a full-time lecturer in the Department of Management Information Systems, Martin de Tours School of Management and Economics, Assumption University.

He has demonstrated good performance in research and professional services in the past several years, which are as follows.

1. Assumption University Research Grants
 - Fuangkhn, P. (2018). Data Normalization Techniques for Synthetic Boundary Vector Generators: A Data Mining Preprocessor.
 - Fuangkhn, P. (2017). Parallel Distance-Based Instance Selection Algorithm for Deep Neural Network.
2. Highlights of Research Publications
 - Fuangkhn, P. (2018). Parallel Reduced Multi-Class Contour Preserving Classification. *Applied Intelligence*, 48(6):1461-1490. doi:10.1007/s10489-017-1049-2.
 - Fuangkhn, P. (2018) A Study of Normalization Functions on a Distance-Based Instant Selection: A Data Reduction Technique. *Recent Patents on Computer Science*, 11(2):80-108. doi:10.2174/2213275911666180914114322.
 - Fuangkhn, P., Tanprasert, T. (2016). Reduced Multi-Class Contour Preserving Classification. *Neural Processing Letters*, 43(3):759-804. doi:10.1007/s11063-015-9446-1.
 - Fuangkhn, P. (2017) Multiclass Contour-Preserving Classification with Support Vector Machine (SVM). *Journal of Intelligent Systems*, 26(2):323-334. doi:10.1515/jisys-2015-0087.
 - Fuangkhn, P. (2017) Parallel Distance-Based Instance Selection Algorithm for Feed-Forward Neural Network. *Journal of Intelligent Systems*, 26(2):335-358. doi:10.1515/jisys-2015-0039.
 - Fuangkhn, P. (2017) Parallel Multi-Class Contour Preserving Classification. *Journal of Intelligent Systems*, 26(1):109-121. doi:10.1515/jisys-2015-0038.

- Fuangkhone, P. (2014). An Incremental Learning Preprocessor for Feed-forward Neural Network. *Artificial Intelligence Review*, 41(2):183-210. doi:10.1007/s10462-011-9304-0.
 - Fuangkhone, P., Tanprasert, T. (2011). An Outpost Vector Placement Evaluation of an Incremental Learning Algorithm for Support Vector Machine. In: *Proceedings of 2011 International Joint Conference on Neural Networks (IJCNN)*, 254-261, doi:10.1109/IJCNN.2011.6033229.
3. Journal Reviewer for Science Citation Indexed (SCI) Journals and Scopus Indexed Journals
- *Applied Soft Computing*, Elsevier, Since 2016 (SCI)
 - *Artificial Intelligence Review*, Springer, Since 2016 (SCI)
 - *IEEE Access*, IEEE, Since 2018 (SCI)
 - *IEEE Transactions on Neural Networks and Learning Systems*, IEEE, Since 2016 (SCI)
 - *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, IEEE, Since 2016 (SCI)
 - *IETE Journal of Research*, Taylor & Francis, Since 2016 (SCI)
 - *International Journal of Machine Learning and Cybernetics*, Springer, Since 2016 (SCI)
 - *Journal of Experimental & Theoretical Artificial Intelligence*, Taylor & Francis, Since 2017 (SCI)
 - *Knowledge-Based Systems*, Elsevier, Since 2016 (SCI)
 - *Journal of Intelligent Systems*, De Gruyter, Since 2017 (Scopus)
 - *Recent Patents on Computer Science*, Bentham Science, Since 2018 (Scopus)
4. Awards and Recognitions
- Outstanding Award in Research, Martin de Tours School of Management and Economics, Assumption University, Thailand, December 2018.
 - Outstanding Award in Science and Technology, Association of Private Higher Education Institutions of Thailand, Thailand, November 2018.
 - Certificate of Outstanding Contribution in Reviewing (*Applied Soft Computing*), Elsevier, Netherlands, July 2018.
 - Certificate of Reviewing (*Applied Soft Computing*), Elsevier, Netherlands, June 2018.
 - Certificate of Reviewing (*Knowledge-Based Systems*), Elsevier, Netherlands, May 2018.
 - Certificate of Outstanding Contribution in Reviewing (*Applied Soft Computing*), Elsevier, Netherlands, September 2017.
 - Certificate of Reviewing (*Applied Soft Computing*), Elsevier, Netherlands, June 2017.
 - Certificate of Outstanding Contribution in Reviewing (*Knowledge-Based Systems*), Elsevier, Netherlands, January 2017.
 - Certificate of Reviewing (*Knowledge-Based Systems*), Elsevier, Netherlands, May 2016.

- Outstanding Ph.D. Dissertation Award in Science and Technology, Association of Private Higher Education Institutions of Thailand, Thailand, November 2013.

For his valuable contributions to research, Assumption University is pleased to confer the St. Thomas Aquinas Award for Research (Third Class) on Assistant Professor Dr. Piyabute Fuangkhon on this auspicious date of December 24, 2018.

