Curriculum Vitae



1. **First name – Last name :** PROMPONG SUGUNNASIL

2. **Academic title :** Assistant Professor

3. **Contact Information** :

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4. **Education** :

Doctor of Philosophy (Computer Science) Chiang Mai University, 2014
Master Degree (Computer Science) Chiang Mai University, 2009
Master Degree (Computer Science) Payap University, 2007

5. **Working Experience** :

Lecturers 2014 - Present
Secretary of Software Engineering Program 2014 – 2018
Assistant Dean for Academics 2019 – 2020
Associate Dean for Academics 2020 – 2021
Deputy Director of Office of Educational Quality Development 2022 – Present

6. **Publication** :

Journal Papers:

Sugunnasil, P., Somhom, S., Jumpamule, W., & Tongsiri, N. (2014). Modelling a neural network using an algebraic method. *Science. Asia 40*, 94-100.

Cherapanukorn, V & Sugunnasil, P. (2019). Artificial Neural Network Based Prediction of PM2.5 Using Neighboring. *South Asia Journal of Multidisciplinary Studies*, 5(9), 7-12.

Nuntachit, N., & Sugunnasil, P. (2022). Do we need a specific corpus and multiple high-performance GPUs for training the BERT model? An experiment on COVID-19 dataset. *Machine Learning and Knowledge Extraction*, *4*(3), 641-664.

Aramkul, S., & Sugunnasil, P. (2023). Intelligent IoT framework with GAN- synthesized images for enhanced defect detection in manufacturing. Computational Intelligence.

Proceeding Papers:

Sugunsil, P., & Somhom, S. (2009, April). Short term stock prediction using som. In *International United Information Systems Conference* (pp. 262-267). Springer, Berlin, Heidelberg.

Tantitharanukul, N., Sugunnasil, P., & Jumpamule, W. (2010, May). Detecting deadlock and multiple termination in BPMN model using process automata. In *Electrical Engineering/Electronics Computer Telecommunications and Information Technology (ECTI-CON), 2010 International Conference on* (pp. 478-482). IEEE.

Sugunnasil, P., & Somhom, S. (2010, November). Feature selection for neural network based stock prediction. In *International Conference on Advances in Information Technology*(pp. 137-146). Springer, Berlin, Heidelberg.

Sugunnasil, P., Jumpamule, W., Tongsiri, N., & Somhom, S. (2012). A Study of Structure and Evolution of Marketing Research Collaboration Network. In *International Conference on Software Technology and Engineering (ICSTE 2012)*. ASME Press.

Singjai, A., & Sugunnasil, P. (2014). Competency Management Process Model for Policymakers. Re-thinking Politics and Political Culture in Everyday Lives, 2014 International Conference on.

Wanitwattanakosol, J, & Sugunnasil, P. (December, 2015). Improving Short-term Load Forecasting by using ARIMA.. In The 16th Asia Pacific Industrial Engineering and Management Systems Conference (APIEMS), 8-11 December 2015, Ho Chi Minh City, Vietnam.

Suteeca, R., & Sugunnasil, P. (2016, May). A Knowledge Management Framework for Studying the Child Obesity. In 2016 International Conference on Industrial Engineering, Management Science and Application (ICIMSA) (pp. 1- 4). IEEE.

Suteeca, R., & Sugunnasil, P. (2016, June). A Framework of Modified Knowledge Creation Theory for Teaching Practice-Oriented Module. In 2016 International Conference on Engineering, Technology and Management.

Sugunnasil, P. (2016, November). Facilitating knowledge sharing and reuse in information service using information retrieval technique. In *Proceedings of the 2nd International Conference on Communication and Information Processing* (pp. 65-69). ACM.

Sugunnasil, P. (2016, December). Detecting deadlock in activity diagram using process automata. In *Computer Science and Engineering Conference (ICSEC), 2016 International* (pp. 1-6). IEEE.

Sugunnasil, P. (2017, March). Detecting livelock in activity diagram using process expression. In *Digital Arts, Media and Technology (ICDAMT), International Conference on* (pp. 98-103). IEEE.

Sugunnasil, P. (2019, September). Artificial Neural Network Based Prediction of PM2.5 Using Neighboring Information. In *Engineering, Science, Technology and Management (ICESTM), International Conference on*.

Kaveeta, V., Sugunnasil, P., & Natwichai, J. (2023, February). Exploration of Neural Network Imputation Methods for Medical Datasets. In International Conference on Emerging Internetworking, Data & Web Technologies (pp. 441-450). Cham: Springer International Publishing.

Nuntachit, N., Patanukhom, K., & Sugunnasil, P. (2023, February). Thai Word Disambiguation: An Experiment on Thai Language Dataset with Various Deep Learning Models. In International Conference on Emerging Internetworking, Data & Web Technologies (pp. 243-247). Cham: Springer International Publishing.