

SASAROSE JAIJIT, D.Eng.



Education

2018	D.Eng. Industrial Engineering, Kasetsart University (Bangkhen)
2012-2014	M.Eng. Industrial Engineering, Kasetsart University (Bangkhen)
2006-2009	B.S. Food Engineering, Kasetsart University (Bangkhen)

Work Experience

2010 - 2012	Production Supervisor: oversaw the processes at a large manufacturing facility that produces frozen processed chicken. Made sure that all orders were processed in a timely manner and that all products were tested properly before being sent to the client. Oversaw a team of 5 other individuals and made sure that they remained safe and focused throughout the workday.
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Research Publications

Journal Publications

- 2018 Jaijit, S., Paoprasert, N., & Pichitlamken, J. (in press). The impact of rice research expenditure policy in Thailand. **Journal of Policy Modeling**.
- 2018 Jaijit, S., Paoprasert, N., & Pichitlamken, J. (in press). Economic and Social Impact Assessment of Rice Research Funding in Thailand using the Structural Equation Modeling Technique. **Kasetsart Journal of Social Sciences**.
- 2017 Jaijit, S., N. Paoprasert and J. Pichitlamken. 2017. Economic impact assessment of rice research in Thailand. **Khon Kaen Agriculture Journal** 45 (4): 613-624.
- 2016 Jaijit, S. and P. Sachakamol. 2016. Applied Methodologies of Work Study, Forecasting and Inventory Management Techniques for Pharmaceutical's Warehouse Management: Atlanta Medicare Co., Ltd. **Engineering Journal Chiang Mai University** 23 3): 33-43.
- 2016 Khuenpet, K., N. Charoenjarasrerk, S. Jaijit, S. Arayapoonpong and W. Jittanit. 2016.

Investigation of suitable spray drying conditions for sugarcane juice powder production with an energy consumption study. **Agriculture and Natural Resources** 50 (2): 139-145.

- 2015 Jaijit, S. and J. Pichitlamken. 2015. Multi-criteria decision analysis of pharmaceuticals by Markov model: Case study of a domestic distributor. **Engineering Journal of Siam University** 16 (2): 13-23.

Conference Proceedings

- 2018 Jaijit, S., N. Paoprasert and J. Pichitlamken. 2017. Economic Impact Assessment of Pathumthani 1 Rice Breeding. In *Proceedings of the 15th National Conference on Operations Research Network of Thailand*. Chonburi, Thailand. April 23-24, 2017.
- 2017 Jaijit, S., N. Paoprasert and J. Pichitlamken. 2017. Impact Assessment on Rice Research Funding using the Structural Equation Modeling Technique. In *Proceedings of the 4th International Conference on Multidisciplinary Trends in Academic Research*, 47. Bangkok, Thailand. September 29-30, 2017.
- 2014 Jaijit, S., P. Sachakamol and U. Manujantararat. 2014. Pharmaceutical's Warehouse Management with Work Study, Forecasting and Inventory Management Techniques. In *Proceedings of the International Conference Technology Innovation and Industrial Management*. Seoul, Korea. May 28-30, 2014.
- 2011 Jittanit, W., S. Jaijit, S. Arayapoonpong and N. Charoenjarasrerk. 2011. Production of sugarcane juice powder using spray drying and various adjuncts. In *Proceedings of the 7th Asia-Pacific Drying Conference*. September 18-20, 2011.

The International Conference

- 2015 Presentation of research topic on "An applied Dantzig-Wolfe decomposition approach for solving too large linear programming problem". *The 6th International Symposium on Asian Modeling and Simulation*. Bangkok, Thailand. January 22-23, 2015.

Research Funding

- 2009 - 2010 The Study of Processing Method for Sugarcane Juice Powder, Grant Number I252A10046, Industrial and Research Projects for Undergraduate Students (IRPUS), the Thailand Research Fund, 2009
- 2015 - 2017 PhD Scholarship, Faculty of Engineering (Kasetsart University), IE (2015 - 2017)

Research/Teaching Assistant

- Sept. 2015 – Dec. 2015 The project of *the Factor Exploration of Farmers' Alteration from Rice Cultivation to Sugarcane Cultivation*: Collaboration with Geo-Informatics and Space Technology Development Agency (Public Organization) – GISTDA 2015
- Aug. 2016 - Jul. 2017 The project of *Assessment of Rice, Cassava, and Rubber Research Funding in Thailand* which was funded by the National Research Council of Thailand (NRCT), under Grant [Gor Por Jor. 64/2558] – NRCT 2016
- Jan. 2018 – Sept. 2018 The project of *Risk Communication Plan Preparation for the New Nuclear Research Reactor Construction*: Collaboration with Thailand Institute of Nuclear Technology (Public Organization) – TINT 2017 and Office of Natural Resources and Environmental Policy and Planning
- May 2013 – Nov. 2013 Team coordinator of One Agro-Industrial Product (OPOAI' 56) project: Collaboration with Ministry of Industry
- 2013 – 2014
- First semester 2013: Teaching assistant of Industrial Cost Analysis class
 - Second semester 2013: Teaching assistant of Engineering Economy class
 - First semester 2014: Teaching assistant of Industrial Cost Analysis class
 - Second semester 2014: Teaching assistant of Engineering Economy class

Awards

- 2017 The Best Paper Award of the paper titled "Impact Assessment on Rice Research Funding using the Structural Equation Modeling Technique" of the Business, Management and Economics Studies in the 4th International Conference on Multidisciplinary Trends in Academic Research (MTAR 2017)

- 2017 The Best Presentation Award of the paper titled “Impact Assessment on Rice Research Funding using the Structural Equation Modeling Technique” of the Business, Management and Economics Studies in the 4th International Conference on Multidisciplinary Trends in Academic Research (MTAR 2017)
- 2013 The Outstanding Academic Achievement Award on Master’s Degree of Industrial Engineering in 2013 from the Graduate School, Kasetsart University

Extracurricular Activities

- 2018 Attending in *Freight Transport of the Future Workshop* caused by the cooperation of Mahidol University in Thailand, Newcastle University in United Kingdom, British Council, and the Thailand Research Fund (TRF)
- 2017 Training course of *Practical Data Mining with RapidMiner Studio 8* by Data Cube Ordinary Partnership
- 2016 Training course of *Impact Assessment of Research* by Knowledge Network Institute of Thailand (KNIT)
- 2011 Training course of *KPI for Strategic Purchasing* by Alpha Management Consultant Co., Ltd.
- 2010 Training course of *Export-Import Shipping* by Institute of Languages and Airline Business
- 2010 Training course of *Food Safety Assurance (HACCP) and Application of Food Safety Management Systems under ISO 22000: 2005* by Faculty of Agro-Industry, Kasetsart University
- 2009 Training course of *Zero Defect Technique* by Technology Promotion Association (Thailand-Japan)

Expertises and Skills

- Policy Analysis, Multi-criteria Decision Analysis, Statistical Modeling, Operations Research, Logistics and Supply Chain Management
- Lisrel, Minitab, Visual Basic, Microsoft Excel
- Conference/Workshop coordinator: Operations Research Network of Thailand 2018, Soul Coach 2
- Speakers in training on capturing issues technique.

References

- Assoc. Prof. Dr. Juta Pichitlamken
(Lecturer, Department of Industrial Engineering at Kasetsart University)
E-mail: juta.p@ku.ac.th, Tel. 089-890-5733
- Assoc. Prof. Dr. Prapaisri Sudasna-na-Ayudthya
(Lecturer, Department of Industrial Engineering at Kasetsart University)
E-mail: fengpsa@ku.ac.th, Tel. 063-025-3599
- Asst. Prof. Dr. Naraphorn Paoprasert
(Lecturer, Department of Industrial Engineering at Kasetsart University)
E-mail: fengnpp@ku.ac.th, Tel. 088-610-3322
- Assoc. Prof. Dr. Weerachet Jittanit
(Lecturer, Department of Food Science and Technology at Kasetsart University)
E-mail: fagiwcj@ku.ac.th, Tel. 086-895-8888