

พชร ชატะวืถึ

(Pachara Chatavithee)



[17/41 m.14 Sithat Rd. Tambon Naimeung Amphor Meung

Khon Kaen Thailand 40000]

[chatavithee@hotmail.com] [+668 3500 0054]

Education

| University Attended | Degree | Graduated |
|----------------------|---|-------------|
| Khon Kaen University | Doctor of Philosophy Program in Industrial Engineering (Dissertation title : A Decision Support System for Production Planning in Food Freezing Process) | - |
| Khon Kaen University | Master of Engineering (Industrial Engineering) (Thesis title : A Production Scheduling Method for Hard Disk Drive Industry : A Case Study for Hard Disk Drive Component Company) | March, 2010 |
| Khon Kaen University | Bachelor of Engineering (Industrial Engineering) Second Class Honours (Project title : Agricultural Product Demand Forecasting) | June, 2007 |

Experience

| Job Title | Job Description | Year |
|------------|---|-----------|
| Lecturer | Faculty of Economics, Khon Kaen University | 2017 |
| Researcher | To study, analyze, and set the innovation roadmap for Thailand chicken industry | 2015 |
| Consultant | Labor productivity improvement based on the business company requirement project. | 2014-2015 |
| Lecturer | To teach a course in Computer Application in Industry. (EXCEL, VISIO, Solver, and LINGO Optimization software) | 2011-2014 |
| Researcher | Srinagarind hospital parking building feasibility study analysis. | 2008 |

Skills & Abilities

1. Mathematical model formulation and heuristic algorithm development.
2. Spreadsheet application for productivity improvement and supply chain management.

Publication List

- Wonginyooa K., Piewthongngam K., **Chatavithree P.**, Vorasayan J. (2018). A model for restocking and harvesting aquaculture: A case of multi-pond, multi-cycle, and multi-fish type farming, *Biosystems Engineering*, 174, 134-143.
- Naprom, S., Piewthongngam, K., & **Chatavithree, P.** (2018). Determination of size and quantity of chicken supply: a simulation-based optimization, *Applied Engineering in Agriculture*. (in press). (doi: 10.13031/aea.12649) @2018.
- Chatavithree, P.**, & Piewthongngam, K. (2017). Distribution planning for single-manufacturer single-distributor multi-retailer supply chain, *IEEE International Conference on Industrial Engineering and Engineering Management 2017-December*, pp. 422-426.
- Boonchom, W., Piewthongngam K., Polpinit P., & **Chatavithree, P.** (2017). Land consolidation of small-scale farms in preparation for a cane harvester. *Computers and Electronics in Agriculture*, 142, 59-69.
- Thonguthaisiri, P., Piewthongngam, K., & **Chatavithree, P.** (2017). Flow Shop Scheduling Optimization of Cooking for Multiple Equipment and Processes in Production, *Conference on Interdisciplinary Business and Economics Research (SIBR 2017)*, Osaka, Japan.
- Chatavithree, P., Piewthongngam, K., & Pathumnakul, S. (2015). Scheduling a single machine with concurrent jobs for the frozen food industry. *Computers & Industrial Engineering*, 90, 158-166.
- Chatavithree, P., Piewthongngam, K., & Pathumnakul, S. (2015). Unrelated parallel machine scheduling with sequence-dependent setup times in frozen food industry. *applied mechanics and materials*, Vol. 781, pp. 475-478.
- Chatavithree, P., & Pathumnakul, S. (2014). Production scheduling in food freezing process under the effect of freezer-door opening. *Logistics Operations, Supply Chain Management and Sustainability* (pp. 353-362).
- Chatavithree, P., Piewthongngam, K., & Pathumnakul, S. (2011). Order selection of processed chicken under production capacity constraints. *Industrial Engineering and Engineering Management (IEEM)*, 2011 IEEE International Conference on (pp. 323-326).
- Chatavithree, P., & Pathumnakul, S. (2010). Unrelated parallel machine scheduling to minimize production related cost in a hard disk drive component manufacturer, *DST-Conference 2010* (Best paper award)