

พชร ชატะวธิ์

(Pachara Chatavithee)



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Education

University Attended	Degree	GPA	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)	3.29	March, 2010
Khon Kaen University	Bachelor of Engineering (Industrial Engineering) Second Class Honors (Project title : Agricultural Product Demand Forecasting)	3.43	June, 2007

Experience

Job Title	Job Description	Year
Lecturer	Lecturer of the Faculty of Economics, Khon Kaen University	2015 - present
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 at department of industrial engineering, Khon Kaen university. (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 heuristics development.
2. Spreadsheet application for productivity improvement and supply chain management.

Publication List

- Chatavithree, P.,** & Piewthongngam, K. (2017). Distribution Planning for Single-Manufacturer Single-Distributor Multi-Retailer Supply Chain, *2017 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*, Suntec City, Singapore.
- 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. *2011 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*, Singapore, 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)