

พชร ชატะวธิ์

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Education

University Attended	Degree	GPA	Graduated
Khon Kaen University	Doctor of Philosophy Program in Industrial Engineering (Dissertation title : <i>A Decision Support System for Production Planning in Food Freezing Process</i>)	-	-
Khon Kaen University	Master of Engineering (Industrial Engineering) (Thesis title : <i>A Production Scheduling Method for Hard Disk Drive Industry : A Case Study for Hard Disk Drive Component Company</i>)	3.29	March, 2010
Khon Kaen University	Bachelor of Engineering (Industrial Engineering) Second Class Honours (Project title : <i>Agricultural Product Demand Forecasting</i>)	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., & 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)