

PRATTANA PUNNAKITIKASHEM, PH.D.

Associate Professor

Research Areas

Strategy and Innovation · Operations Management · Applied Operations Research in Health Care · Health Care Management

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Profile

Dr. Prattana Punnakitikashem received her bachelor's degree in Chemical Engineering from Chulalongkorn University in 2001 and a Master's degree in Industrial and Manufacturing Systems Engineering from the University of Texas at Arlington, USA in 2003. She completed her Ph.D. in Industrial and Manufacturing Systems Engineering from the University of Texas at Arlington, USA in 2007. Her Ph.D. dissertation was on integrated nurse staffing and assignment under uncertainty.

Prior to her appointment at College of Management, Mahidol University, Dr. Punnakitikashem was an adjunct professor at the School of Business Administration, National Institution of Development Administration (NIDA) where she taught MBA courses such as quantitative analysis for business decision making, operations management. Previously, Dr. Punnakitikashem taught as a guest lecturer in nursing research classes at School of Nursing, the University of Texas at Arlington.

Dr. Punnakitikashem’s primary research interests include decision making under uncertainty, operations management, applied operations research, optimization, and stochastic optimization. Her research typically involves health care applications. She is a member of INFORMS, IIE, Alpha Pi Mu, and Tau Beta Pi.

Publications

Journal Articles

Pongsakorn Nongnuch, Thananusak, T., & **Punnakitikashem, P.** , (2026) . From Sustainable Practices to SME Resilience: An Integrative, Systems-Based Review With Propositions. *Business Strategy and the Environment* , e71609 . https://doi.org/10.1002/bse.71609

Yossapon Tiranut, **Punnakitikashem, P.**, & Thananusak, T. , (2026) . A bibliometric study of social capital in family businesses research: temporal and pattern analysis. *Journal of Small Business and Enterprise Development* , 1–26 . https://doi.org/10.1108/jsbed-08-2025-0585

Phatcharika Naunthong, Nimsai, S., **Punnakitikashem, P.**, & Kantabutra, S. , (2026) . Embedding Sustainability Values in Logistics and Supply Chains: Linking Organizational Culture, Practices, and Performance. *Sustainability* , 18 (11) , Art 5496 .

Piyarat Suthumdilok, Nimsai, S., **Punnakitikashem, P.**, & Kantabutra, S. , (2026) . Towards a Theory of Supply Chain Resilience: An Integrative Review. *Sustainability* , 18 (5) , Art No. 2497 .

Nong Y. & **Punnakitikashem, P.** , (2022) . Exploring the factors influencing users' satisfaction and continuance intention of MOOCs in China. *Kasetsart Journal of Social Sciences* , 43 (2) , 403–408 .

Rakthin, S., **Punnakitikashem, P.**, & Khin Khin Oo , (2022) . A Conceptual Framework about Employees' Proactive Behavior and Supervisor's Favorable Evaluation: Moderating Effects of Dissimilarity in Supervisors' Cultural Dimensions. *Archives of Business Research* , 10 (3) , 251–267 .

Chaithanapat P., **Punnakitikashem, P.**, Khin Khin Oo, & Rakthin, S. , (2022) . Relationships among knowledge-oriented leadership, customer knowledge management, innovation quality and firm performance in SMEs. *Journal of Innovation and Knowledge* , 7 (1) , Article number 100162 . https://doi.org/10.1016/j.jik.2022.100162

Rakthin, S., **Punnakitikashem, P.**, & Aksaravuta K. , (2021) . Factor Influencing Employee Engagement: Evidence from Thai SMEs. *Kasetsart Journal of Social Sciences* , 42 (3) , 482–488 .

Thananusak, T., **Punnakitikashem, P.**, & Kongarchapatara, B. , (2021) . The development of electric vehicle charging stations in Thailand: Policies, players, and key issues (2015–2020). *World Electric Vehicle Journal* , 12 (1) , Article number 2 . https://doi.org/10.3390/wevj12010002

Khin Khin Oo & **Punnakitikashem, P.** , (2021) . A Study of Factors Influencing Online Purchase Intention towards a Popular Online Apparel Retailer in Thailand. *UTCC International Journal of Business and Economics* , 13 (3) , 97–108 .

Kantabutra, S. & **Punnakitikashem, P.** , (2020) . Exploring the process toward corporate sustainability at a Thai SME. *Sustainability (Switzerland)* , 12 (21) , Article number 9204 . https://doi.org/10.3390/su12219204

Poonpipatgul S. & **Punnakitikashem, P.** , (2020) . Perception and Influenced Factors Towards Stem Cell Technology in Thailand. *UTCC International Journal of Business and Economics* , 12 (2) , 17–40 .

Punnakitikashem, P. & Hallinger, P. , (2020) . Bibliometric Review of the Knowledge Base on Healthcare Management for Sustainability, 1994–2018. *Sustainability (Switzerland)* , 12 (1) , Article number 205 . https://doi.org/10.3390/su12010205

Punnakitikashem, P. & Rakthin, S. , (2019) . Supportive factors of job and life satisfaction: Empirical evidence from disclosed lesbian, gay, and bisexual (LGB) workforce in Thailand. *Journal of Management and Organization* , 25 (5) , 711–730 . https://doi.org/10.1017/jmo.2017.32

Al Nuseirat, A.A., El Kahlout, Z.M., Abbas A., Adebanjo D., **Punnakitikashem, P.**, & Mann R. , (2019) . An analysis of a structured benchmarking project: The case of Dubai Electricity and Water Authority's benchmarking project. *Benchmarking* , 26 (5) , 1431–1450 . https://doi.org/10.1108/bij-02-2018-0032

Nunarong C. & **Punnakitikashem, P.** , (2018) . A Psychological Model of Residential Property Purchasing Decision in Thailand. *UTCC International Journal of Business and Economics* , 10 (1) . https://doi.org/10.14456/fbms.2018.4

Makarapong D. & **Punnakitikashem, P.** , (2018) . Behavior Intention of E-Ticket System of Public Transportation System Users. *KMUTT Research and Development Journal* , 41 (1) , 1–12 .

Lertsomporn N., **Punnakitikashem, P.**, & Rueangpaka, V. , (2017) . The Study of Market Analysis and Assessment in Regenerative Medicine for Treatment for Knee Joint Disease with Stem Cells *Suthiparithat Journal* , 31 (97) , 34–46 .

Chaisilwattana R. & **Punnakitikashem, P.** , (2017) . Thai Culture and Its Effects on Organizational Engagement in Thai Privately Held Companies. *UTCC International Journal of Business and Economics* , 9 (2) . https://doi.org/10.14456/fbms.2017.18

Thananusak, T., Rakthin, S., & **Punnakitikashem, P.** , (2017) . Factors affecting the intention to buy electric vehicles: empirical evidence from Thailand. *International Journal of Electric and Hybrid Vehicles* , 9 (4) , 361–381 . https://doi.org/10.1504/ijehv.2017.089875

Nateprapit, S., Rakthin, S., Rueangpaka, V., & **Punnakitikashem, P.** , (2017) . Research and Development Trend for Medical Services Industry Associated with Regenerative Medicine in Ophthalmology. *Modern Management Journal* , 15 (2) , 67–76 .

Wongpraparat S. & **Punnakitikashem, P.** , (2016) . A Study of Behavioral Operation of Thais, Burmese, Cambodians in Industrial Factory. *Suthiparithat Journal* , 30 (1) , 92–103 .

Chaisuriyathavikun N. & **Punnakitikashem, P.** , (2016) . A study of factors influencing customers' purchasing behaviours of gold ornaments. *Journal of Business and Retail Management Research* , 10 (3) , 147–159 .

Suvimoljareon N. & **Punnakitikashem, P.** , (2016) . A Study of Key Success Factors for an Ecommerce Business in Wire Rope Industry. *Suthiparithat Journal* , 30 (95) , 156–175 .

Benjamapornkul R. & **Punnakitikashem, P.** , (2016) . The Impact of Visual Merchandising Management on Customer Attraction in Retail Stores. *UTCC International Journal of Business and Economics* , 8 (1) , 133–149 . https://doi.org/10.14456/fbms.2016.8

Thamthada W. & **Punnakitikashem, P.** , (2015) . Exploring Thai Men Shopping Behavior for Clothing and Fashion Products. *Asia Business and Economic Journal* , 1 (4) , 46–59 .

Chaisuriyathavikun M. & **Punnakitikashem, P.** , (2015) . A Study of Organizational Commitment and Intention to Stay in Gold Retailer Business. *International Journal of Management and Applied Science* , 1 (2) , 1–5 .

Conference Papers

Rakthin, S., Thananusak, T., Zhu, R., Khin Khin Oo, N.C., & **Punnakitikashem, P.** , (2024) . Strategic Adaptation and Business Development: A Case Study of a Born-Global Medical Tourism Facilitator Responding to a Crisis. Conference Paper.

Thananusak, T., Zhub, R., & **Punnakitikashem, P.** , (2022) . Bouncing from the Covid-19 Pandemic: Response of an Online Medical Tourism Facilitator Platform. Conference Paper.

Wiwatreungdech U. & **Punnakitikashem, P.** , (2020) . Managing Hotel Spa Business after COVID-19 through McKinsey’s 7-S Framework: Case Study in Bangkok. Conference Paper.

Wattanakamolchai S., **Punnakitikashem, P.**, & Wattanakamolchai S. , (2018) . Comparative Studies of Airliners’ and Educators’ Perceptions towards Soft skills Essential for Career Advancement in Ground Passenger Service. Conference Paper.

Seeluangsawat N., Pharm B., & **Punnakitikashem, P.** , (2018) . The Relationship between work-life skill and employee engagement of caregivers in nursing home. Conference Paper.

Punnakitikashem, P. & Buavaraporn N. , (2018) . The Important Enables of Lean Implementation towards Organizational Performance in Financial Services. Conference Paper.

Sungkharachat K., Wipatapun R., & **Punnakitikashem, P.** , (2017) . Operations Strategy: Case Example of Differentiation Strategy in Airline Business. Conference Paper.

Sukumalpongkul O. & **Punnakitikashem, P.** , (2017) . Technology Management in Operation: Lean construction with Building Information Modeling (BIM). Conference Paper.

Kanokworapan N., Borirakphusit S., & **Punnakitikashem, P.** , (2017) . Information System in Operations: Starbucks. Conference Paper.

Chaoniruthisai P., **Punnakitikashem, P.**, & Rajchamaha, K. , (2017) . The current status of Thai food manufacturing plants certified to BRC standard. Conference Paper.

Vichanyuttanakul M., Mukrattanamaneesri R., & **Punnakitikashem, P.** , (2016) . Healthcare Operation Management: Case Study of Lean Improvement Thinking of Service in Department of Ophthalmology in Case Study Hospital. Conference Paper.

Thammason C., Punrungjitti T., Netpinyo T., & **Punnakitikashem, P.** , (2016) . Retail Operations Management: A Case Study. Conference Paper.

Soontrapimuk P., Onsawat A., & **Punnakitikashem, P.** , (2016) . Five Dimensions of Service Quality in Mandarin Oriental Bangkok. Conference Paper.

Saengtharathip K., Leeudomjinda P., & **Punnakitikashem, P.** , (2016) . Retail Operation in Warehouse stores: Case Example of Retail strategy implementation in IKEA. Conference Paper.

Poontong P., Vutthanan T., & **Punnakitikashem, P.** , (2016) . Humanitarian Operations and Crisis Management: Case Study of SCG. Conference Paper.

Pongugsorn W., Buavaraporn N., & **Punnakitikashem, P.** , (2016) . Investigating of Current Practices of Lean Implementation for Improving Service Quality in Airlines Industry. Conference Paper.

Pakornmaneeratana P., Lomvong P., Mahaphontanapan A., & **Punnakitikashem, P.** , (2016) . An Application of Supply Chain Management. Conference Paper.

Luenee K., Pratintunan N., & **Punnakitikashem, P.** , (2016) . Operations in Tourism: A Case Study on the Application of CRM and the OMNI-Channel to Support Operations in Tourism for the Thomas Cook Group. Conference Paper.

Lalitwanichkul J., Kohyut P., & **Punnakitikashem, P.** , (2016) . A Case Study of Technology Implementation with an Inventory Management System in the IKEA Group. Conference Paper.

Chuangemanee P. & **Punnakitikashem, P.** , (2016) . A Framework of Theoretical Perspectives in Purchase Decision of Jewelry Items from Social Networking sites. Conference Paper.

Chuangemanee P. & **Punnakitikashem, P.** , (2016) . Enabling factors in Purchase Decision of Jewelry Items from Social Networking / Exploring Decision Making in Social Networking for Jewelry Items. Conference Paper.

Wongsathitporn N., Charutananand W., & **Punnakitikashem, P.** , (2015) . Organizational Innovation Management : Case Example of Applications of Innovation Management in 3M Company. Conference Paper.

Suriyajantrathong D., Changsiangand R., & **Punnakitikashem, P.** , (2015) . Application of E-Business and Operations in Amazon.com. Conference Paper.

Singkhornart P., Greenwood A., & **Punnakitikashem, P.** , (2015) . Information Security Management System for Government Agency Preparation of ISO/IEC 27001:2013 Standard Certification, a Case Study of a Tourism Organization. Conference Paper.

Seeneerattanaprayun J., Fongtong D., Wongpraparat S., & **Punnakitikashem, P.** , (2015) . Behavioral Operations in Electronics Industry : Case Study of Motivation at a Factory in Phetchaburi Province. Conference Paper.

Punnakitikashem, P., Maimun A., & Rakthina S. , (2015) . Supportive Factors of Job and Life Satisfaction of Disclosed LGB Workforce. Conference Paper.

Punnakitikashem, P. , (2015) . Improving Operational Performance in Hospitals through Lean Implementation and Organizational Commitment. Conference Paper.

Pattarachon P., Parnichand S., & **Punnakitikashem, P.** , (2015) . Operational Risk Management and Resilience: Case Study of Enterprise Risk Management (ERM) in Hotel Industry. Conference Paper.

Nijboonanan R., Prommi A., & **Punnakitikashem, P.** , (2015) . Applications of Supply Chain Management to Enhance Competitive Advantages in Camera Industry. Conference Paper.

Makarapong D. & **Punnakitikashem, P.** , (2015) . Exploring Adoption and Intention to Use Techonology of E-Ticket System. Conference Paper.

Chaisuriyathavikun M. & **Punnakitikashem, P.** , (2015) . A Study of Organizational Commitment and Intention to Stay in Gold Retailer Business. Conference Paper.

Boonhao K., Techakasikornpanit S., & **Punnakitikashem, P.** , (2015) . Applications Inventory Management: Case Study of Best Practices in Boonthaworn Company. Conference Paper.

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