

## CURRICULUM VITAE (CV)



**Name:** Mr. Teerawat **Surname:** Charoenrat

**Academic Position:** Associate Professor

**Nationality:** Thai

**Address:** Faculty of Economics, 123 Moo 16 Thanon Mittraphap, Nai Mueang, Amphoe Mueang Khon Kaen, Khon Kaen Province 40002, Thailand

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**Date of Birth:** 13 July 1975

### **Scholarships and Awards:**

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|-----------|---|--|
| 2023-2024 | : | A Research Funding from Economic Research Institute for ASEAN and East Asia (ERIA) on Policy Review and the Impacts of Financing MSMEs           |
| 2021-2022 | : | A Research Funding from UNCTAD on analysis of the impact of COVID-19 on MSMEs in Thailand from competition policy and market access perspectives |
| 2020      | : | A Research Funding from Asian Development Bank Institute (ADBI)  |
| 2019-2020 | : | A Research Funding from International Institute for Trade and Development (ITD)  |
| 2018      | : | A Research Funding from the Thailand Research Fund (TRF)   |

2018	:	A national advisor for the project on a study into the relationship between Small and Medium-Sized Enterprises (SMEs) and Foreign Direct Investment (FDI), TA-REG 9271, funded by Asian Development Bank (ADB)
2017	:	A national consultant for the SME project for Office of Small and Medium Enterprises Promotion (OSMEP) and The Thai Chamber of Commerce
2017	:	A Research Funding from International Institute for Trade and Development (ITD)
2016	:	An invited speaker for the workshop entitled, Integrating SMEs into Global Value Chains: Challenges and Policy Actions in Asia, organized by Asian Development Bank (ADB) and Asian Development Bank Institute (ADBI)
2016	:	A national consultant for the SME project for Institute for Small and Medium Enterprises Development (ISMED)
2016	:	A key note speaker at the Trade and Industry Policy Formulation Workshop, Ministry of Commerce and Industry, Lao PDR.
2015	:	An invited speaker for the SME workshop in Kuala Lumpur, Malaysia, organized by Asian Development Bank Institute (ADBI)
2015	:	An international expert on the project of applied statistics and economics textbooks, organized by World Bank and Faculty of Economics and Business Management, National University of Laos
2015	:	A Research Funding from Asian Development Bank (ADB) and Asian Development Bank Institute (ADBI)
2015-2016	:	A Research Funding from Economic Research Institute for ASEAN and East Asia (ERIA) and the Institute of Southeast Asian Studies (ISEAS)
2015	:	A Research Funding from Institute for Small and Medium Enterprises Development (ISMED)
2014-2015	:	A Research Funding from the Thailand Research Fund (TRF)
2014-2015	:	A Research Funding from National Research Council of Thailand (NRCT)
2014	:	A Scholarship from the Department of State, USA to participate in International Visitor Leadership Program, Small Business Development and Entrepreneurship
2008-2012	:	The Royal Thai Government Scholarship Fund
2012	:	University of Wollongong International Postgraduate Tuition Award
2011	:	A UIC Internationalisation Grant for collaborative research activities between University of Wollongong, Australia and Khon Kaen University, Nong Khai Campus, Thailand

**Educations:**

Doctor of Philosophy (Ph.D. Economics) (The Royal Thai Government Scholarship)  
University of Wollongong, NSW, Australia

Master of Economics (M.A.)

Bachelor of Business Administration (B.B.A)

**Academic Positions:**

Tutor (Teacher Assistance) at School of Economics, University of Wollongong March 2010-2012

Lecturer in Economics at Khon Kaen University, Nong Khai Campus March 2005-2012

Lecturer in Economics at Rajabhat University Surin September 2001-2002

**Research Areas:**

14 - Economics

1402 - Applied Economics

1499 - Other Economics

1503 - Business and Management

**Refereed Journal Articles:**

Amornkitvikai, Y, and **Charoenrat, T.**, 2025, (forthcoming). Agriculture, food security, and economic development in Thailand. In R. Rasiah, D. Arieftiara, & N. A. B. Ishak (Eds.), *Sustainable agriculture in Southeast Asia: Towards climate resilience, digitalization, and food security*. Springer. (*Scopus-indexed*)

**Charoenrat, T**, and Amornkitvikai, Y., 2025, (forthcoming). Industrialization and sustainable development in Thailand. In R. Rasiah, R. Ofreneo, & C. V. G. R. Chandran (Eds.), *Industrial policy and industrial structural change in Southeast Asia*. Springer. (*Scopus-indexed*)

**Charoenrat, T**, and Amornkitvikai, Y., 2025, (forthcoming). Digital transformation for a climate resilient in Thailand: A pathway to sustainable development. In R. Rasiah, N. Kamaruddin, R. A. Rodgers, & S. K. Selvarajan (Eds.), *Digitalization and climate resilience: Towards strengthening the sustainable development ecosystem in Southeast Asia*. Springer. (*Scopus-indexed*)

Amornkitvikai, Y, and **Charoenrat, T.**, 2024, The Impact of Female Chief Executive Officers, Ownership, and Globalization on ASEAN Manufacturers' Technical Efficiency Performance, *Research in Globalization*, Vol 8, pp. 1-10. (*Scopus-indexed*)

Pholphirul, P., Rukumnuaykit, P., Kwanyou, A. **Charoenrat, T.**, and Srijamdee, K. 2023, "Social network analysis and network centrality in community enterprises: evidence from One Tambon One Product entrepreneurship program in border Thailand", *Journal of Entrepreneurship in Emerging Economies*, Vol. ahead-of-print, No. ahead-of-print, doi/10.1108/JEEE-03-2022-0106/full/html. (*Scopus-indexed*)

**Charoenrat, T** and Pholphirul, P, 2022, The Industrial Sector Participation in Global Value Chains for Sustainable Development of the Greater Mekong Subregion (GMS), *Global Business Review*, Vol 23, Issue 3, pp. 608-640. (*Scopus-indexed*)

Pholphirul, P., Rukumnuaykit, P., Charoenrat, T., Kwanyou, A. and Srijamdee, K. 2022, "Service marketing strategies and performances of tourism and hospitality enterprises: implications

from a small border province in Thailand", *Asia Pacific Journal of Marketing and Logistics*, Vol. 34 No. 5, pp. 887-905. (*Scopus-indexed*)

**Charoenrat, T** and Amornkitvikai, Y, 2021, Factors Affecting the Export Intensity of Chinese Manufacturing Firms, *Global Business Review*, <https://doi.org/10.1177/09721509211000207>, pp. 1-24. (*Scopus-indexed*)

Pholphirul, P, **Charoenrat T**, Kwanyou, A, Rukumnuaykit P and Srijamdee K, 2020, Measuring Smiling Curves in Community Enterprises: Evidence from the One Tambon One Product Entrepreneurship Programme in Border Thailand, *Global Business Review*, <https://doi.org/10.1177/0972150920967523>, pp.1-28. (*Scopus-indexed*)

**Charoenrat, T** and Pholphirul, P, 2020, The Industrial Sector Participation in Global Value Chains for Sustainable Development of the Greater Mekong Subregion (GMS), *Global Business Review*, <https://doi.org/10.1177/0972150919877097>, pp. 1-33. (*Scopus-indexed*)

**Charoenrat, T** and Harvie, C, 2019, Thailand's SME Participation in ASEAN and East Asian Regional Economic Integration, SMEs and Economic Integration in Southeast Asia, Cassey Lee, Dionisius Ardiyanto Narjoko and Sothea Oum (eds), Institute of Southeast Asian Studies (ISEAS) – Yusof Ishak Institute, ERIA (Economic Research Institute for ASEAN and East Asia), Singapore, pp. 355-434. (*Scopus-indexed*)

Kyophilavong, P., Uddin, G.S., Shahbaz, M., Harvie, C., **Charoenrat, T** 2019, Money Demand in a Dollarized Economy: Evidence from Laos PDR, *Asian Economic Papers*, Vol 18, Issue 1, pp. 99-115. (*Scopus-indexed*)

Meeprom, S and **Charoenrat, T** 2019, Examining the Effect of Tourists' Motivation and Satisfaction towards NAKHONCHAI BURIN Tourism Cluster, *Development Economic Review*, Vol 13, No 1, pp.42-62. (*TCI I-indexed*)

Kyophilavong P, Gallup J, **Charoenrat T**, Nozaki K 2018, Testing Tourism-Led Growth Hypothesis in Laos?, *Tourism Review*, Vol.73, Issue 2, pp.242-251. (*Scopus-indexed*)

Kato, M and **Charoenrat, T**, 2018, Business continuity management of small and medium sized enterprises: Evidence from Thailand, *International Journal of Disaster Risk Reduction*, Vol.27, pp.577-587. (*Scopus-indexed*)

**Charoenrat, T** and Harvie, C 2017, 'The Performance of Thai Manufacturing SMEs: Data Envelopment Analysis (DEA) Approach', *Global Business Review*. Vol. 18, Issue 5, pp. 1178-1198. (*Scopus-indexed*)

**Charoenrat, T** and Harvie, C 2017, 'Thailand's SME Participation in ASEAN and East Asian Regional Economic Integration', *Journal of Southeast Asian Economies*, Vol. 34, No. 1, pp. 148-74. (*Scopus-indexed*)

**Charoenrat, T** and Kittimetheelkul, N 2017, 'Structural Equation Modeling of the Marketing Mix Influencing Savings Behavior of Customers of Bank for Agriculture and Agricultural Co-operatives in Nong Khai Province', *Development Economic Review*, Vol.11, No.1, pp.127-152. (In Thai) (*TCI I-indexed*)

Amornkitvikai, Y and **Charoenrat, T**, 2015, 'Determinants of Export Participation: Evidence from Thai Manufacturing Small and Medium-Sized Enterprises', *NIDA Economic Review*, vol. 9, No.1, pp.9-46. (*TCI I-indexed*)

**Charoenrat, T** 2014, Are Thai Manufacturing SMEs Technically Efficient: Stochastic Frontier Analysis (SFA) and Data Envelopment Analysis (DEA) Approaches', *Journal of Humanities and Social Sciences Mahasarakham University*, pp. 54-62. (*TCI I-indexed*)

**Charoenrat, T** and Harvie, C 2014, The Efficiency of SMEs in Thai Manufacturing: A Stochastic Frontier Analysis', *Economic Modelling*, Vol.43, pp.372-393. (*Scopus-indexed*)

**Charoenrat, T** and Harvie, C 2013, 'Technical Efficiency of Thai Manufacturing SMEs: A Stochastic Frontier Analysis', *Australasian Accounting Business and Finance Journal*, vol. 7, no. 1, pp.99-121.

**Charoenrat, T**, Harvie, C and Amornkitvikai, Y 2013, 'Thai Manufacturing SME Technical Efficiency: Evidence from Firm-level Industrial Census Data', *Journal of Asian Economics*, vol. 27, pp.42-56.

#### **Refereed Conference Articles:**

**Charoenrat, T** 2014, An Empirical Study of Thai Manufacturing SMEs: A Stochastic Frontier Analysis (SFA), The 1st International Conference 2014 on Social and Economic Prospects in Southern Mekong Sub-Region of Southeast Asia: SEPSA, Ubon Ratchathani, Thailand, 9-10 July (TCI Database).

**Charoenrat, T** 2014, Are Thai Manufacturing SMEs Technically Efficient: Stochastic Frontier Analysis (SFA) and Data Envelopment Analysis (DEA) Approaches', Mahasarakham Research Conference, 11-12 September (TCI Database).

**Charoenrat, T** and Harvie, C 2014, The Contribution of Entrepreneurship and Innovation to Thai SME Manufacturing Performance, the 2nd International Conference on Innovation and Entrepreneurship (ICIE 2014), Bangkok University, Thailand, 6-7 February (ISI and Scopus Databases).

Amornkitvikai, Y, Harvie, C and **Charoenrat, T** 2014, Estimating a Technical Inefficiency Effects Model for Thai Manufacturing and Exporting Enterprises (SMEs): A Stochastic Frontier (SFA) and Data Envelopment Analysis (DEA) Approach, approach, Proceedings of Informing Science & IT Education Conference (InSITE), University of Wollongong, Australia, 30 Jun - 4 Jul (ISI Database).

**Charoenrat, T**, Harvie, C and Naburana, W 2013, Measuring the Technical Efficiency of Thai Manufacturing SMEs: A Comparison of Parametric and Non-parametric Approaches, The Cambridge Business & Economics Conference (ISI), University of Cambridge, UK, 2-3 July.

Amornkitvikai, Y, Harvie, C and **Charoenrat, T** 2013, Factors Affecting the Technical Inefficiency of Thai Manufacturing and Exporting Small and Medium Sized Enterprises: A Stochastic Frontier Analysis (SFA), The Cambridge Business & Economics Conference (ISI), University of Cambridge, UK, 2-3 July.

**Charoenrat, T**, Harvie, C, Rangsungnoen G and Yot Amornkitvikai 2013, Technical Efficiency Performance of Thai Manufacturing Small- and Medium-Sized Enterprises: Contributory Factors and Policy Implications, Enterprise Performance in Asia Workshop, Asian Institute of Management (AIM), Makati City, Philippines, 28-29 January.

**Charoenrat, T** and Harvie, C 2012, Estimation of Technical Efficiency in Thai Manufacturing SMEs, the 9th SMEs in a Global Economy Conference 2012: "Rising to the Global Challenge: Entrepreneurship and SME development in Asia, National University of Laos, Vientiane, 9-11 November.

**Charoenrat, T** and Harvie, C 2012, Identifying technical inefficiency factors for Thai small manufacturing enterprises, the 9th SMEs in a Global Economy Conference 2012: "Rising to the Global Challenge: Entrepreneurship and SME development in Asia, National University of Laos, Vientiane, 9-11 November.

**Charoenrat, T** and Harvie, C 2012, The technical efficiency of Thai manufacturing SMEs: evidence from industrial census, the 9th SMEs in a Global Economy Conference 2012: "Rising to

the Global Challenge: Entrepreneurship and SME development in Asia, National University of Laos, Vientiane, 9-11 November.

**Charoenrat, T** and Harvie, C 2012, Technical Efficiency Performance of Thai Manufacturing Small and Medium Sized Enterprises, The 41th Australian Conference of Economists, Victoria University, Melbourne, July 8-12.

**Charoenrat, T**, Harvie, C and Naburana, W 2012, Determinants of Technical Efficiency in Thai Manufacturing Small and Medium Sized Enterprise, The Fourteenth Annual International Conference of the Global Business and Technology Association, New York City, New York, U.S.A, 10-14 July.

**Charoenrat, T**, Harvie, C and Amornkitvikai, Y 2012, Identifying Technical Inefficiency Factors for Thai Manufacturing Small Enterprises, The 57th International Council for Small Business World Conference, Wellington, New Zealand, 10-13 June.

Amornkitvikai, Y, Harvie, C and **Charoenrat, T** 2012, Factors Affecting the Export Participation and Performance of Thai Manufacturing Small and Medium Sized Enterprises (SMEs), The 57th International Council for Small Business World Conference, Wellington, New Zealand, 10-13 June.

**Charoenrat, T** and Harvie, C 2011, Technical Efficiency of Thai Manufacturing SMEs: A Comparative Study of North-eastern Provinces, The 40th Australian Conference of Economists, Australian National University, Canberra, July 11-14.

**Charoenrat, T** and Harvie, C 2011, Identifying Technical Inefficiency Factors of Thai Manufacturing SMEs: A Comparison between the Pre and Post Financial Crisis of 1997, The 8th SMEs in a Global Economy Conference 2011: "Rising to the Global Challenge: Entrepreneurship and SME development in Asia", Nong Khai, Thailand, 9-11 November.

**Charoenrat, T**, Harvie, C and Chowdhury, K 2011, Firm-specific Factors Contributing to the Technical Inefficiency of Thai Manufacturing SMEs: Evidence from Industrial Censuses in 1997 and 2007, The 8th SMEs in a Global Economy Conference 2011: "Rising to the Global Challenge: Entrepreneurship and SME development in Asia", Nong Khai, Thailand, 9-11 November.

Amornkitvikai, Y, Harvie, C and **Charoenrat, T** 2011, The Export Participation of Thai Manufacturing SMEs, The 8th SMEs in a Global Economy Conference 2011: "Rising to the Global Challenge: Entrepreneurship and SME development in Asia", Nong Khai, Thailand, 9 - 11 November.

**Charoenrat, T**, Harvie, C and Amornkitvikai, Y 2010, Technical Efficiency of Thai Manufacturing SMEs: Evidence from a Firm-level Industrial Census, The 7th SMEs in a Global Economy Conference: Challenges and Prospects, Kuching, Sarawak, Malaysia, 15-17 October.

**Amornkitvikai, Y, Harvie, C and Charoenrat, T** 2010, Measuring Technical Efficiency: The Case of Thai Manufacturing and Exporting Small and Medium Size Enterprises (SMEs), The 7th SMEs in a Global Economy Conference: Challenges and Prospects, Kuching, Sarawak, Malaysia, 15-17 October.

**Charoenrat, T** and Harvie, C 2011, Technical Efficiency of Thai Manufacturing SMEs: A Comparative Study of North-eastern Provinces, Working Paper No. 12-03, School of Economics, University of Wollongong, Wollongong.

**Charoenrat, T**, Harvie, C and Amornkitvikai, Y 2010, Technical Efficiency of Thai Manufacturing SMEs: Evidence from a Firm-level Industrial Census, Seminar Presentation at the Centre for Small Business and Regional Research, Faculty of Commerce, University of Wollongong, Australia, 17 September 2010.

Amornkitvikai, Y, Harvie, C and **Charoenrat, T** 2010, Measuring Technical Efficiency: The Case of Thai Manufacturing and Exporting Small and Medium Size Enterprises (SMEs), Seminar Presentation at the Centre for Small Business and Regional Research, Faculty of Commerce, University of Wollongong, Australia, 17 September 2010.

Amornkitvikai, Y, Harvie, C and **Charoenrat, T** 2010, Measuring Technical Efficiency: The Case of Thai Manufacturing and Exporting Small and Medium Size Enterprises (SMEs), Seminar Presentation at the School of Economics Seminar, Faculty of Commerce, University of Wollongong, Australia, 30 September 2010.

**Edited Books:**

Harvie, C and **Charoenrat, T** 2015, SMEs and the Rise of Global Value Chains. Integrating SMEs into Global Value Chains: Challenges and Policy Actions in Asia, pp. 1-26, Japan: Asian Development Bank, Asian Development Bank Institute.

**Charoenrat, T** 2019, Border Trade and Inequality in Thailand, International Trade for Alleviating Inequality and Sustainability, International Institute for Trade and Development, Bangkok.

**Journal Reviewers:**

Economic Modelling  
Energy Efficiency  
International Journal of Production Research  
Economic Analysis and Policy  
Journal of Innovation and Entrepreneurship  
Journal of Economic Studies  
International Journal of Disaster Risk Reduction  
International Journal of Entrepreneurship  
Asia Pacific Journal of Marketing and Logistics  
Gender in Management: an International Journal  
Australasian Accounting Business and Finance Journal  
Academy of Entrepreneurship Journal  
Development Economic Review  
Time and Society  
Kasetsart Journal of Social Sciences  
Lao Journal of Economics and Management (LJEM)  
African Journal of Agricultural Research