

CURRICULUM VITAE

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Education

Grad. Year	Degree/ Certificate	Branch	Institute/ University
2019	Master of Engineering	Integrated Chemical Engineering (International Program)	Mahidol University
2017	Bachelor of Engineering	Chemical Engineering (International Program)	Sirindhorn International Institute of Technology (SIIT), Thammasat University

Work Experience

Sep 2020 – Present **Research Assistant**
Science Technology and Innovation Policy Institute (STIPI) - King
Mongkut's University of Technology Thonburi (KMUTT), Thailand

Training

28 Feb 2023	Carbon Footprint Organization Training Workshop TGO Climate Action Academy
8 Dec 2022	Human Ethics Training KMUTT

20 Mar 2022	Responsible Conduct of Research (RCR) Collaborative Institutional Training Initiative (CITI)
7 – 8 Jul 2021	Innovative Organization - Certified Assessor Program TRIS Academy
Feb – Jul 2021	Science Technology and Innovation Policy Design 03 (STIP03) STIPI (KMUTT) & Office of National Higher Education Science Research and Innovation Policy Council (NXPO)

English Proficiency Score

TOEIC	Total Score 810
9 Apr 2022	(Listening 455, Reading 355)
IELTS	Overall Band Score 6.0
17 Aug 2023	(Listening 6.5, Reading 6.0, Writing 6.0, Speaking 6.0)

Conference Presentations

1. Trakulvichean, S., **Phadungruangkij, P.**, Wongserbchart, W., Chokchaithanakul, V., & Pratumchart, K. (2022). Accomplishing Key Enablers to Drive Circular Economy in Thailand's Coffee Industry. VISTI/SEAC-STIPM Conference.
2. Harnpathananun, P., Pratumchart, K., & **Phadungruangkij, P.** (2021). Technological Capability as a Indicative Tool for Strengthening Thailand's S-Curve Industry: A case of Broiler Meat Industry. The 17th ASIALICS & The 3rd SEAC-STIPM Conference, (pp. 341-351).
3. **Phadungruangkij, P.**, Waree, N., Poomvises, W., Songpornwanich, S., & Wongprasert, W. (2021). Building Entrepreneurial Mindset in Deep-Tech Startups: The Potential Policy Support in Thailand. The 17th ASIALICS & The 3rd SEAC-STIPM Conference, (pp. 175-187).
4. **Phadungruangkij, P.** (2019). Optimization of Ultrasound Microencapsulation by the Mixture of Maltodextrin and Gum Arabic for Enhanced Protein Riceberry Bran Extracts with Mixed Fungi and Using Subcritical Water Extraction. The 21st Food Innovation Asia Conference (FIAC), (pp. 390-399).

Research Projects for Policy Driving

1. (2022) Working Group - A study on development of quantum technologies in Thailand, Proposed to Thailand Science Research and Innovation (TSRI)
2. (2022) Field Coordinator - Knowledge Boundary of Technology Capability of Entrepreneur in Crafts Industry, Proposed to KMUTT
3. (2022) Working Group - Digital Economy and the Future of Work: Digitalization of Financial Sector: Case Study Malaysia, Proposed to National Research Council of Thailand (NRCT) & Institute of Asian Studies Chulalongkorn University
4. (2021) Working Group - Technological Capability as An Indicative Tool for Strengthening Thailand's S-Curve Industry: A Case of Broiler Meat Industry, Proposed to NXPO
5. (2021) Working Group – Policy Research to Drive Food Management in Thailand, Proposed to Agricultural Research Development Agency (ARDA)
6. (2020) Working Group – Food System Research: Strategic Development for Driving Thailand's Food System, Proposed to NXPO

Training Projects for Policy Driving

1. (2025) Program Coordinator – Research Management and Capacity Building 02 (RMCB02), proposed to the Thailand International Cooperation Agency (TICA), Ministry of Foreign Affairs.
2. (2024) Program Coordinator - Training Program: Science Technology and Innovation Policy Design 06 (STIP06), Proposed to NXPO
3. (2023) Facilitator - Training Program: Science Technology and Innovation Policy Design 05 (STIP05), Proposed to NXPO
4. (2023) Moderator & Facilitator – Training Program: Research Development and Innovation Manager for Policy 01 (RDI MAP 01), proposed to TSRI
5. (2022) Facilitator - Science Technology and Innovation Policy Design 04 (STIP04), Proposed to NXPO

6. (2022) Facilitator, Co-coach & Researcher: “Research Management and Capacity Building 01” under the 3-year Thai-Lao Cooperation Plan for Development, Proposed to Thailand International Cooperation Agency
7. (2021) Co-Facilitator – Training Program: Science Technology and Innovation Policy Design for NRCT’s Staff, Proposed to NRCT

Consultancy Project

1. (2022) Working Group - Lessons learned from a high-performance workforce development platform that responds to investment in the manufacturing and service sectors. To study and research the learning promotion system that is linked between the manpower production system and the needs of the labor market, Proposed to NXPO

Strategic Planning Projects

1. (2021) Working group – Developed the strategic proposals for Rajamangala University of Technology to drive important issues of the country, proposed to 9 Rajamangala University of Technology.
2. (2021) Working group – Developed the strategic plan for 2 faculties and 1 study & research center of Chulabhorn Royal Academy, proposed to Chulabhorn Royal Academy
3. (2020) Working group – Developed the strategic plan for Chulabhorn Royal Academy, proposed to Chulabhorn Royal Academy

Monitoring & Evaluation Project

1. (2021) Working group – Performance evaluation of Thailand Science Research and Innovation (TSRI), proposed to TSRI

International Conferences

1. (2023) Working group – International Conference on Industrial Policy (ICIPo) 2023: Advancing Industrial Policy in the Era of Strategic Competition

2. (2022) Working group – VISTI/SEAC-STIPM 2022 Conference: Science, Technology and Innovation Policies and Initiatives for Sustainable Development
3. (2021) Working group – the 17th ASIALICS – the 3rd SEAC-STIPM 2021 Conference: Science, Technology and Innovation Policies and Initiatives for Sustainable Development Goals (STI Policy for SDGs)

Activities

1. (2017 – 2019) Member of Engineering Social Responsibility group, Mahidol university
2. (2015) Member of Environmental conservation organization, Thammasat university