

Nithinant Thammakoranonta
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Current Position

- Associate Professor at School of Applied Statistics, National Institute of Development Administration
- Administrative Committee of NIDA Center of Business Innovation, School of Business Administration, National Institute of Development Administration.
- Director of Ph.D. Program (Computer Sciences and Information Systems, School of Applied Statistics, National Institute of Development Administration

Academic Background

- Clemson University (Spring 1999 - Fall 2001)
Ph.D. in Industrial Management
- Virginia Commonwealth University (Fall 1995 - Spring 1997)
M.S. (Information Systems)
- Chulalongkorn University (June 1989 - October 1992)
B.Sc. (Applied Statistics)

Experiences

- *Administration Committee*
NIDA Center of Business Innovation, School of Business Administration, National Institute of Development Administration (January 2014 – February 2025)
School of Applied Statistics, National Institute of Development Administration (September 2006 - 2015) (February 2024 – Present)
- *Program Director*
Doctoral of Philosophy Program in Computer Sciences and Information Systems, School of Applied Statistics, National Institute of Development Administration
Master of Sciences Program in Information Technology Management, School of Applied Statistics, National Institute of Development Administration
Training Program about Strategic Information Systems, Decision Support Systems, Knowledge Management and Business Intelligence, Krung Thai Bank, Co. Ltd.
- *Associate Dean*
Administrative Affairs, School of Applied Statistics, National Institute of Development Administration (February 2012 – May 2013)
Planning and Development, School of Applied Statistics, National Institute of Development Administration (Acting, July 2013 – November 2013)
- *Plan Development*
Digital and Economic Plan for Office of the Permanent Secretary 2019-2021, Prime Minister Office Project (2018-2019)
Digital and Economic Plan for Department of Mineral Resources, Ministry of Natural Resources and Environment (2017)
Security Management Company Set-Up Plan Project, PTT (Public) Company (2017)
ICT Master Plan Project of The Office of the Permanent Secretary, The Prime Minister's Office (May 2014-June 2015)
IT Master Plan Project of Saraburi Province (June – September, 2009)
Business Plan Development, TT&T Public Company Limited (2009-2010)
IT Master Plan Project of Government Housing Bank (June - October, 2008)
IT Master Plan Project of Office of Women's Affairs and Family Development, Ministry of Social Development and Human Security (August - October, 2007)
IT Master Plan Project for the Treasury Department, Ministry of Financing (November, 2005 – June, 2006)
IT Master Plan Project for National Institute of Development Administration (September 2003-September 2004)
- *Performance Evaluation*

Decentralization Plan for Primary Health Care Units from Ministry of Public Health to Provincial Administrative Organization in Thailand (2022-2023)

Office of National Broadcasting and Telecommunication Commission for Fiscal Year 2017.

Monitor, Control, and Evaluation of Strategic Plan 2014-2016 Project, Office of National Broadcasting and Telecommunication Commission, Bangkok, Thailand (2016)

- *Reengineering the Processes*

Organization Development and Competency, Office of National Broadcasting and Telecommunication Commission, Bangkok, Thailand (March 2015 – March 2016).

Business Process Analysis and design with Human Resources development Program, National Health Security Office, Bangkok, Thailand (October 2014 – September 2015)

Process Innovation and Strategic IS Usage at Saeng Udom Lighting (July 2011 – December 2013)

Controlling and Monitoring Credit Scoring System for Loan Approval, Government Housing Bank (January 2011-December 2014)

ICT Developing and Improving Effectiveness for Government Officers, Ministry of ICT, Thailand (April – September, 2008)

- *System Analysis and Design*

Database Systems and Information Systems for Thailand Primary Health Care Systems (2022-2023)

Risk Analysis Management Systems Development Project, Bureau of the Budget, Ministry of Finance (2017)

Information Systems Development Project for Supporting Government Agencies' ICT projects, Ministry of ICT, Thailand (April – September, 2009)

National SME Data Warehousing Project at Office of Small and Medium Enterprises Promotion (September 2003-August 2004)

Developing Term of Reference for ERP Systems at the Royal Thai Mint Project, Ministry of financing (April, 2003 – July, 2003)

Consultant for SME project at Business Innovation Center, School of Business Administration, National Institute of Development Administration, October, 2002 – January, 2003)

Petroleum Authority of Thailand (October 1992- March 1995)

- *Statistics, Business Intelligence, and Decision Support Systems*

Survey of High-Speed Internet Demand in Thailand, National Telecommunication Commission of Thailand (June – September, 2010)

Evaluation of Model for Integration of Human Development, Ministry of Social Development and Human Security (March - September, 2007)

Model for Integration of Human Development, Ministry of Social Development and Human Security (January – July, 2006)

Feasibility Study for Setting Up Telecommunication Company, Provincial Electricity Authority (PEA). (July – December, 2005)

Bangkok Metropolitan IT Development at Siam Teltech Computer, Co., LTD. (July 2004- June 2005)

Satisfaction Survey Project for Food Lion (Thailand), Co. (November 2002)

Testing and Analysis the New Product Project at Dutch Mill Co., Ltd. (September 2002 – December 2002)

- *Outside Thailand Jobs*

Internet-based Information Systems Development Project at Virginia Department of Transportation (Spring 1997)

Reengineering Project at Virginia Department of Personnel and Training (Fall 1996)

Reengineering Project at Virginia Department of Social Service (Spring 1996-Summer 1996)

Reengineering Project at Virginia Department of Defenses (Summer 1996)

Reengineering Project at Fort Lee, Army Quarter Center, Petersburg, VA (Spring 1996)

- Auditing

Data, Information, and Information Systems for Thailand Primary Care Systems in Subdistrict Health Promotion Hospital, as part of evaluation of Thailand Decentralization to Local Government Organization Plan

Teaching Courses (National Institute of Development Administration)

- Information Risk Analysis, Information Security Management and Control, Information Security Policy, Information Security Governance and Auditing
- Information System Auditor
- Distributed Systems
- Organization Data Analysis
- Digital Transformation, Business Process Redesign
- Data Management, High-Level Structured Programming
- Forecasting Techniques, Probability and Statistics, Mathematics and Statistics for Computer Sciences and Information Systems, Research Methodology, Business Intelligence and Decision Models, Statistical Inference and models
- Databases Systems and Applications, Data Structures and Algorithm Analysis, Information Retrieval and Storage, Enterprise Information Systems, Decision Support Systems and Business Intelligence, Agile Information Systems Development, System Analysis and Its Application, Database Systems and Management
- IT Project Management, Strategic Information Systems Planning
- Information Technology and Management, Process Innovation, Information Systems Management
- Information Systems Design and Development, Distributed Systems

Teaching Courses (Other Universities)

- Database Systems (Ubon Ratchathani University, Rangsit University)
- Research Methodology (King Mongkut University of Technology at Thonburi)
- Management Information Systems (King Mongkut University of Technology at Thonburi, Sirindhorn International Institute of Technology)
- Statistics for Engineers (Sirindhorn International Institute of Technology, Thammasat University)
- Introduction to Mathematics and Statistics (College of Management Mahidol University)

Selected Publications

- Nithinant Thammakoranonta and Kittipong Khumboon, “How Awareness Programs Could Raise Cybercrime Recognition?”, 10th International Conference on Information and Communication Technology (ICICT 2025), 19-21 February, 2025, London, UK.
- Nithinant Thammakoranonta and Thanyatida Gunadham, “Knowledge Management Process Status via the Use of Current Technology”, In Proceedings of the 3rd International Symposium on Automation, Information and Computing (ISAIC 2022), pages 19-26. DOI: 10.5220/0011822400003612
- Nantapong Keandoungchun and Nithinant Thammakoranonta, “A Journal Article Selection based on a Combination of Scanning and Skimming Techniques”, Naresuan University Journal: Science and technology, vol. 30, no. 1, 2022, pp. 30-41.
- Sureerat Paji and Nithinant Thammakoranonta, “IS/IT Skills and Competencies: Confirmatory Study”, Test Engineering & Management, March-April 2020, pp. 23337-23353.
- Thanyatida Gunadham and Nithinant Thammakoranonta, “Knowledge Management Systems Functionalities Enhancement in Practice”, ICFET 2019 Proceedings of 2019 5th International Conference on Frontiers or Educational Technologies, Beijing, China, June 1-3, 2019, pp. 83-88.
- Gunadham, T. and Thammakoranonta, N. “Knowledge Management Systems: The Current practice in Thailand”, Journal of Engineering Science & Technology (JESTEC), Special Issue on International Conference on Computer Science and Information Technology (ICCSIT 2018), 19-20 March, 2018, pp. 162-174.

- Kultida Malison and Nithinant Thammakoranonta. An Exploratory Study of Self-Directed Learning: The Differences between IT and Non-IT Employees in Thailand, *Journal of Entrepreneurship Education*, vol. 21, issue 3, 2018, pp. 1-16.
- Kultida Malison and Nithinant Thammakoranonta. The Awareness on Green ICT among Thai Employees: A Factor Analysis, *Proceedings of 2018 International Conference on Information Management and Processing*, London, UK, January 12-14, 2018, pp. 107-110.
- Nithinant Thammakoranonta. Maturity Level of Knowledge Management in Thailand: The Practical, 2018 9th International Conference on E-Education, E-Business, E-Management and E-Learning (IC4E 2018) *Proceedings*, San Diego, USA, January 11-13, 2018, pp. 119-122.
- Nattika Chunsuttiwat and Nithinant Thammakoranonta. The Study of the Skills to Evaluate Reliable Online Information of Youth Aged 12-17 in Bangkok and Vicinities, *Conference Proceedings 2017 International Conference on Information Technology, ICIT2017*, Singapore, December 27-29, 2017, pp. 190-194.
- Nithinant Thammakoranonta and Nuntaporn Keandoungchun. Social Network Applications' Trend for Future Business Competitive Advantage, *Indian Journal of Science and Technology*, Vol. 9(48), December, 2016.
- Nuntaporn Keandoungchun and Factors Influencing on the Extended Product Life Cycle of Social Network Applications, *The conference Proceedings of The International Symposium on Business and Social Sciences*, Tokyo, Japan, December 2015.
- Teerada Apibunyopas and Nithinant Thammakoranonta. How to Use e-Learning to Increase Job Satisfaction in Large Commercial Bank in Bangkok, *The conference proceedings of ICEBML 2015: International Conference on e-Education, e-Business, e-Management and e-Learning*, Paris, France, January 23-24, 2015, pp. 1726-1729.
- Narapat Patcharapornpun and Nithinant Thammakoranonta. The Relationship among Organization Culture, Leadership Style, Information and Communication Technology and Organization Efficiency, *Proceedings in The 2nd International Conference on Advances in Social Science, Management and Human Behaviour (SMHB)*, 25-26 October, 2014, Zurich, Switzerland, ISBN: 978-1-63248-032-3.
- Tongchana Opputchana, and Nithinant Thammakoranonta. English-Thai Translating Algorithm by Subject Category using Neural Network. *IIE International Conference Proceedings of International Conference on Challenges in IT, Engineering and Technology (ICCIET'2014)*, Phuket, Thailand, July 17-18, 2014, pp.56-58.
- Nithinant Thammakoranonta, Natcha Jarusamanya, and Chirasil Chayawan. Using Social Network to Increase Job satisfaction in Thailand, *International Journal of Computer Theory and Engineering*, Vol. 6, Number 6, December 2013, pp. 451.
- Suttipong Bantito, Chirasil Chayawan, and Nithinant Thammakoranonta. Green ICT Indexes Framework in Thailand. *Innovative Sciences for Better Life Conference*, Bangkok, Thailand, October 21-23, 2013.
- Nantapong Keandoungchun and Nithinant Thammakoranonta. A Word Sense Disambiguation Approach for English-Thai Translation. *Applied Mechanics and Materials*, Vols. 411-414 Part 1 (2013), pp. 287-290, Trans Tech Publications, Switzerland.
- Nithinant Thammakoranonta, Chirasil Chayawan, and Khachon Mongkonchoo. The Abuse of Internet Usage by Undergraduates in Bangkok and Vicinity. *International Journal of Information Processing and Management*, Vol. 4, No. 2, April 30, 2013, pp.1-9.
- W. Paenpluem, and N. Thammakoranonta. The relationship between Information and Communication Technologies adoption and Management in Thai's Business Organization. *Proceeding of the 2nd International Conference of Strategy Management and Research*, July 23-24, 2012, Singapore.
- Chirasil Chayawan, Nithinant Thammakoranonta, and Wisakha Kosom, Satisfaction of Internet Banking in Bangkok and Metropolitan Areas, *The 17 International Conference of Asia Pacific Decision Science Institute*, July 22-26, 2012, Chiang Mai, Thailand.
- Nithinant Thammakoranonta and Kultida Malison, The Influence of Knowledge Management on the Job Satisfaction of SME Employees, *NIDA Development Journal*, Vol. 51, No. 4, October-December, 2011, pp. 87-104.

- Nithinant Thammakoranonta, Chirasil Chayawan, and Nattapat Boonprakate, A Study of Factors Affecting Social Network Used in Thailand, The 11th International DSI and the 16th APDSI Joint Meeting, Taipei, Taiwan, July 12-16, 2011.
- Srichai Chanootporn & Thammakoranonta Nithinant (2011). Dimensions influencing business intelligence usage in Thailand SMEs. International Conference on Economics, Trade and Development. Bali Island, Indonesia, 32.
- Aswapokee, S. and Thammakoranonta, N. "The Relationship among Information Technology, Organization Culture, and Job Satisfaction in Pharmaceutical Industry in Thailand", Proceedings of the 4th International Multi-Conference on Society, Cybernetics and Informatics: IMSCI 2010, Orlando, Florida, USA, June 29 – July 2, 2010.
- Thammakoranonta, N., Radhakrishnan, A., Davis, S., Peck, J. C. and Miller, J. "A Protocol for Order Commitment Decision in a Supply Network", International Journal of Production Economics, Vol. 115, No. 2, October 2008.
- Wongkaew, T. and Thammakoranonta, N. "Factors Effecting Consumers' Attitudes toward Using of e-Healthcare, Proceeding of the 12th Annual Conference of Asia Pacific Decision Sciences Institute, Bangkok, July 11-13, 2007.
- Mustofakul, L. and Thammakoranonta, N. "The Impact of Technology Complexity and Trust on Attitude toward Using the Wireless Technology in Public Relations". Proceeding of the 11th Annual Conference of Asia Pacific Decision Sciences Institute, Hong Kong, June 14-18, 2006.
- Thammakoranonta, N., Overall Quality of E-Commerce Web Site and its Effects on Satisfaction and Intention to Return, The Proceeding of 2006 Applied Business Research Conference, Florida, USA.
- Lorchirachoonkul, V. and Thammakoranonta, N. "Adaptive Smoothing Techniques: Modified Chow and Adaptive Moving Average". Asia and Pacific Decision Sciences Institute 7th Annual Meeting, Shanghai, China, 2003.
- Laohavichien, T. and Thammakoranonta, N. "Total Productive Maintenance and Perceived Business Performance". Southeast Decision Sciences Institute 32th Annual Meeting, Hilton Head, SC, 2002.
- Wilson, T., Thammakoranonta, N. and Davis, S. "State of the Practice in Order Promising." Proceedings of the SE INFORMS conference, Myrtle Beach, SC, 2001.

Reviewer

- Journal based in Thailand: NIDA Journal, SWU Journal, KMITL Journal, Songkhlanakarin Journal of Science and Technology
- Journal of Knowledge Management
- International Journal on Integrating technology in Education (IJITE)

Keynote Speaker

- The 7th International Conference in Business and Information Management, August 2023
- The 6th International Conference in Business and Information Management, August 2022

Certificates

- Internal IT Auditing, Institute of Internal Auditors of Thailand
- AUN-QA tier 1, 2, 3
- EdPEX
- ISO 9001, ISO 17024

Scholarship and Grant

- Royal Thai Embassy Scholarship
- National Science Foundation, USA