

1.Name: Pornchai Chanyagorn

2.Education – degree, discipline, institution, year:

D.Sc.	Computer Engineering	George Washington University USA	2004
M.Sc.	Computer Science	George Washington University USA	1999
B.Eng.	Electrical Engineering	Mahidol University Thailand	1995

3.Academic experience:

Mahidol University, Thailand

Assistant Professor of Electrical Engineering	2017 – Present (Full-time)
Lecture of Electrical Engineering	2004 – 2017 (Full-time)

4.Non-academic experience: – company or entity, title, brief description of position, when)ex .
2008-2012(, full time or part time

Bangkok Insurance PLC, Thailand

Project Director, Control CRM and BPM Project	2012 – Present (Part-time)
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Deves Insurance PLC, Thailand

Project Director, Control CRM and EA Project	2016 – Present (Part-time)
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BMW Co.,Ltd., Thailand

Consultant, Data Quality Management	2018 – Present (Part-time)
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Vejthani Hospital PLC, Thailand

Project Director, Control CRM Project	2019 – Present (Part-time)
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International Finance Corporation, USA

Consultant, Portfolio Intelligence Project	2004 – 2005 (Full-time)
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5.Current membership in professional organizations:

IEEE, USA Member
EEAAT, Thailand Member

6.Honors and awards:

The Distinguished Thesis Award Honorable Mention, 2007 Master Level in Physical Science and Technology, The Major Advisor's Role, The Faculty of Graduate Studies, Mahidol University, February 4, 2008.

7.Publications:

Journal (Selected)

- P. Chanyagorn and P. Kiratiwudhikul, "Automatic Control of Fraction of Inspired in Neonatal Oxygen Therapy using Fuzzy Logic Control," IEIE Transaction on Smart Processing and Computing, vol. 5, no. 2, pp. 107-116, April 2016.
P. Chanyagorn and B. Kungwannarongkun, "ICT Readiness Assessment Model

for Public and Private Organizations in Developing Country,” International Journal of Information and Education Technology, ISSN: 2010-3689, vol. 1, no. 2, pp. 99-106, 2011.

H. H. Szu, P. Chanyagorn, W. L. Hwang, M. Paulin, and T. Yamakawa, “Collective and Distributive Swarm Intelligence: Evolutional Biological Survey,” Journal of International Congress Series, Elsevier science, Netherlands, vol. 1269, pp. 46-49, August 2004.

H. H. Szu, P. Chanyagorn, and I. Kopriva, “Sparse Coding Blind Source Separation through Powerline,” Neurocomputing, Elsevier science, Netherlands, vol. 28, issue 1-4, pp. 1015-1020, Oct. 2002.

Conference Proceeding (Selected)

P. Chanyagorn and W. Chanyagorn, “Wireless Activity Reminder System for Pressure Ulcer Prevention in IPD patients,” The 5th International Electrical Engineering Congress (IEEE iEECON-2017), Pattaya, Thailand, March 8-10, 2017.

P. Chanyagorn, B. Kungwannarongkun, and W. Chanyagorn, “Design of Electronic Nursing Kardex System for Medication Error Prevention in IPD patients,” Proceeding of the 6th International Conference on Control System, Computing and Engineering (ICCSCE-2016), Penang, Malaysia, Nov 25-27, 2016.

8. Professional development

- AUN-QA Assessor Training Program, Thailand 2016-2018
- Agility Method Training, Thailand 2019
- PMI based on PMBOK, Thailand 2018