

# RESEARCHER PROFILE

Name: Asst.Prof.Dr. Natin .....

Last Name: Janjamraj .....

Academic Position: Assistant Professor .....

Faculty: Engineering .....

Major: Electrical Engineering .....

Research Interest: Power System, Power Electronic, AI Optimization, Smart Grid, Electric Vehicle, Aviation .....



Education	Year	University name	Country
Doctor	2016	Suranaree University of Technology	Thailand
Master	2010	Rajamangala University of Technology Thanyaburi	Thailand
Bachelor	2001	Rajamangala Institute of Technology	Thailand

## International Publications

- [1] T. Choenklang, S. Kaewpoung, N. Janjamraj, T. Kulworawanichpong and U. Leeton, "Speed Control Optimization for Electric Railway to Reduce Energy Consumption Using Differential Evolution Algorithmization," *GMSARN International Journal*, 2022
- [2] N. Janjamraj and A. Oonsivilai, "Review of Multilevel Inverters/Converters," *International Review of Electrical Engineering (IREE)*, vol.8, no.2, April 2013, pp.514-527
- [3] A. Oonsivilai, N. Janjamraj, and R. Oonsivilai, "Optimized Harmonic for H-Bridges Connection Converters Using Particle Swarm Optimization," *International Review of Electrical Engineering (IREE)*, vol.8, no.2, April 2013, pp.528-538.
- [4] N. Janjamraj and A. Oonsivilai, "Harmonic Elimination of Hybrid Multilevel Inverters Using Particle Swarm Optimization," *International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering* Vol.6, No.12, 2012
- [5] Kanyanach Ritthanont, Natin Janjamraj, Promsak Apiratikul, and Krischonme Bhumkittipich, "Identification of Power Quality Disturbances in DG Integrated Power System based on Deep Learning Approach" 2022 International Conference on Power, Energy and Innovations (ICPEI 2022), October 19-21, 2022, Pattaya, THAILAND

## Book/ Textbooks

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## Research funds

- 2022: Development of Power Converters for Power Quality Improvement of Flywheel Generator Applications
- 2021: -
- 2020: -