

1. Name: Thamvarit Singhavilai

2. Education:

Ph.D. Electrical Engineering	University of Strathclyde UK	2011
MS Electrical Engineering	King Mongkut's Institute of Technology North Bangkok, Thailand	2002
B.Eng. Electrical Engineering	Mahidol University Thailand	1998

3. Academic Experience:

Assistant Professor of Electrical Engineering	2018-Present (full time)
Lecturer of Electrical Engineering	2004-2018 (full time)

4. Certifications or Professional Registrations:

Council of Engineers (Thailand), License for Professional Practice, Electrical Engineer (Power)

5. Current Membership in Professional Registrations:

EEAAT, Electrical Engineering Academic Association (Thailand)

6. Publications:

Jaengarun N, Singhavilai T. Observation of applying POD function to renewable energy source. 2016 International Conference on Cogeneration, Small Power Plants and District Energy (ICUE); 2016 14-16 Sep; Bangkok, Thailand. p. 1-5.

Aye, T., Htet, Z., Singhavilai, T., Naiyanetr, P., "Effect of Intra-Aortic Balloon Pump on Coronary Blood Flow During Different Balloon Cycles Support: A Computer Study," 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Milano, 2015.

Htet, Z., Aye, T., Singhavilai, T., Naiyanetr, P., "Hemodynamics During Rotary Blood Pump Support with Speed Synchronization in Heart Failure Condition: A Modelling Study," 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Milano, 2015.

Singhavilai, T., Anaya-Lara, O., Lo, K. L., "Identification of dynamic equivalent of a power system," in the proceedings of 44th Universities Power Engineering Conference(UPEC), Glasgow, 2009.