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

Ph.D.	Electrical Engineering	Texas A&M University USA	2004
M.Eng.	Electrical Engineering	Texas A&M University USA	1998
B.Eng.	Electrical Engineering	Mahidol University Thailand	1995

3. **Academic experience:**

**Mahidol University, Thailand**

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

4. **Publications:**

**Journal**

S. Ratanapanachote, H. Cha, and P. Enjeti, “A Digitally Controlled Switch Mode Power Supply Based on Matrix Converter”, IEEE Transactions on Power Electronics, Vol.21, No.1, January 2006.

**Conference Proceeding (Selected)**

A. Rientsuvong, S. Bhatranand, W. Charoensuk, “Development of Plantar Pressure Measurement Using in Telerehabilitation System For Patient Movement Rehabilitation”, Proc of the 2017 18th ICAR, July 2017.

T. Alunpipatthanachai, S. Bhatranand, Chuttchaval Jeraputra, “Design of a Single Stage PFC LED Driver with a Leakage Energy Recycling Circuit,” IEEE ECTI Conf 2016.

P. Bunpukdee, J. Theeranan, S. Bhatranand, C. Jeraputra, “Experimental Validation of Vector Control of an Induction Generator Using a Matrix Converter for Renewable Energy Sources,” Proc EECON 38, 2015.

P. Bunpukdee, S. Bhatranand, C. Jeraputra, “Simulation of Vector Control of a Matrix Converter Fed Induction Generator for Renewable Energy Sources,” Proc EECON 38, 2014.