Members from Other University /Institutions Member 4

Name with Address		Area of Specialization	
Name	: Dr.N.P.Subramaniam	Power Electronics in	Power
Designation	: Associate Professor	System,	Power
Department	: Department of Electrical Engineering	Converters/inverters,	Power
Organization/Institution	: Pondicherry Engineering College	Quality, Smart Grid	
Office Address	: Pondicherry Engineering College,		
	Puducherry.		
Pin code &Country	: 605 014& India		
Mobile & E-Mail	: +919486441444&npsubbu@pec.edu	No.of Publications: 14	

- 1. Geetha. A ,Subramaniam. N.P. and Gnanadass.R. (2019), 'Operation of Current-fed Dual Active Bridge DC-DC Converters for Microgrid,' International Journal of Recent Technology and Engineering (IJRTE)' at Volume-8 Issue-2, July 2019.
- 2. Raju. M and Subramaniam.N.P. (2018), 'Upgrading transmission line capability by AC–DC conversion', Elsevier Computers and Electrical Engineering, Vol. 68, pp 616-628.
- 3. Suresh.S. Gnanadass.R, Subramaniam.N.P. andBharatiraja.C (2017), 'Electric PowerQuality Recognition for Distribution Feeders: A Real Time Study', Journal of Electrical Engineering, Vol. 17, Edition 2, pp 69-77.
- 4. Divyalakshmi.D, and Subramaniam N.P. (2017), 'Photovoltaic based DVR with Power Quality Detection using Wavelet Transform', Elsevier, Science Direct Energy Procedia, 117, pp 458–465.
- 5. Somassoundaram T and Subramaniam N.P. (2016), 'High capacity image steganography using secret key for medical information", *Indian Journal of Science and Technology*, Vol.9 (3), 81455.
- 6. Jesudoss.A and Subramaniam.N.P. (2016), 'EAM: Architecting Efficient Authentication Model for Internet Security using Image-Based One Time Password Technique', Indian Journal of Science and Technology, Vol 9(7), pp.1-8.
- 7. SenthamilSelvan.S, Bensraj. R and Subramaniam.N.P. (2016), 'Fuzzy Logic Controller on Positive Output KY Voltage Boosting Converter', International Journal of Emerging Technology and Advanced Engineering, Vol 6, Issue 2, pp. 64-71.
- 8. Balamurugan, J., and Subramaniam, N.P. (2016), "AI Based Algorithm Towards Achievement Of Self-healing Smart Grid System" International Education & Research Journal [IERJ], E-ISSN No: 2454-9916, Vol. 2, No. 11.

- 9. Suresh.S, Gnanadass.R, Subramaniam.N.P. Suruthi. L, and Sonia.I (2015), 'Sensorless Speed Control of Three Phase Inverter Fed Induction Motor Drives using MRAS', International Journal of Applied Engineering Research, Vol. 10, No.51, pp.411-415.
- 10. Somassoundaram T and Subramaniam, N. P. (2015), 'High performance angiogramsequence compression using 2D bi-orthogonal multi-wavelet and hybrid SPIHT-DEFLATE algorithm', *Indian Journal of Science and Technology*, Vol.8 (14), 65559.
- 11. Somassoundaram T and Subramaniam N.P. (2015), 'High performance ECG compression using 2D Bi-orthogonal multi wavelet and hybrid SPIHT Deflate algorithm,, International Journal of Applied Engineering Research, Vol.10, No.1, pp. 1971-1979.
- 12. SenthamilSelvan.S, Bensraj. R and Subramaniam.N.P. (2015), 'Performance Analysis of Adaptive NeuroFuzzy Controller InTransient Modes of Positive Output KYVoltage Boosting Converter', International Journal of Computer Technology and Applications, Vol. 8(5), pp.2313-2326.
- 13. Balamurugan, J., and Subramaniam, N.P. (2015), 'Comparison of various Power optimization technique DFACTS using Artificial Intelligence Techniques' International Journal Applied Engineering Research[IJAER], ISSN 0973-4562, Vol. 10,No.6.
- 14. SenthamilSelvan.S, Bensraj.R, RamashKumar,K, Subramaniam.N.P. (2015), 'Design, Analysis, Simulation Study and Corroboration of Classical Controller for a Negative Output KY Boost Converter', International Journal of Applied Engineering Research, Vol. 10, No.51, pp 485 494.