

## Faculty Vitae

<b>Name of the Faculty</b>					
Dr.S.Prakash					
<b>Education</b>					
	Degree	Discipline	Institution	Year	
UG	B.E.	E.E.E	Velammal Engineering College	2000	
PG	M.E.	Power Electronics	Sathyabama University	2005	
PhD	Ph.D.	Electrical Engineering	St. Peter's University	2016	
<b>Academic experience</b>					
	Institution	Title	From	To	FT/PT
	Tagore Engineering College	Lecturer	June 2000	May 2003	FT
	Panimalar Engineering College	Asst.Professor	June 2003	April 2011	FT
	PERI Institute of Technology	HOD	June 2011	May 2013	FT
	Bharath university	Professor & HOD	May 2013	Till date	FT
<b>Certifications or professional registrations :</b>					
<ul style="list-style-type: none"> <li>➤ Review Board Member for a special issue “Journal of Education Management”, Science Publishing Group”.</li> <li>➤ Review Member for JSIR – Journal of Scientific and Industrial Research.</li> <li>➤ Review Member for ICEHM.</li> </ul>					
<b>Membership in professional organizations :</b>					
Life Member in I.S.T.E (MISTE)					
<b>Honors and awards :</b>					
<ul style="list-style-type: none"> <li>➤ “Academic Administrator – Best HOD” Award from Top Engineers Association, 2016.</li> <li>➤ Acted as Session Chair and Keynote Speaker in the third International Conference on Green Technologies for power generation, communication &amp; Instrumentation (ICGPC'16) on 23rd &amp; 24th March 2016.</li> <li>➤ Acted as Session Chair for ICACCCT'16 held at Syed Ammal Engineering College, Ramanathapuram, and Tamilnadu during 25-27 May, 2016.</li> <li>➤ Award received as “Guest of Honor” and also acted as session Head for the “International Conference on Management Challenges and Trends in the Digital Era” in association with Bharath University and Putra Intelek International College, June 19-22, 2017.</li> </ul>					

Service activities (within and outside of the institution)

Within Institution:

- Coordinator for the large scale education fair organized in Bharath University by IEC Abroad, U.K.
- Coordinator-National Science Day, 2016, at Bharath University.

Outside of the institution :

- Special award constituted by Anna University for best NSS Programme Officer – April 2005.
- Participated in “ANGELS OF MARINA BEACH CLEAN UP ACTIVITY” held at marina beach on 30/04/2016.

List of Publications :

1. S.Prakash, “Digital Simulation of B.L.D.C. Motor Drive System with Energy Recovery Snubber,” World Applied Sciences Journal, Vol. 29, No. 9, pp.1107-1116, January, 2014.
2. S.Prakash, “Energy Conservation through Standby Power Reduction,” Middle-East Journal of Scientific Research, Vol. 19, No. 7, pp.990-994, January, 2014.
3. S.Prakash, “Advanced Controller Design for PMBLDC Motor – A Review,” Middle-East Journal of Scientific Research, Vol. 19, No. 8, pp.1040-1046, January, 2014.
4. S.Prakash, “Modern Measures to Reduce the Impact of Lightning,” Middle-East Journal of Scientific Research, Vol. 19, No. 7, pp.919-927, January, 2014.
5. S.Prakash, “Design and Analysis of Resonant Soft Switching Chopper,” Middle-East Journal of Scientific Research, Vol. 19, No. 7, pp.913-918, January, 2014.
6. P. Sivaramakrishnan and S.Prakash, “Optimum Location of Shunt Fact Devices for Transmission Line Compensation,” International Journal of Scientific & Engineering Research, Vol. 5, No. 4, pp.169-173, April, 2014.
7. M.Krishna Kumar and S.Prakash, “Design and Implementation of a New Three-Phase Two-Switch ZVS PFC DCM Boost Rectifier,” International Journal of Scientific Engineering and Research (IJSER), Vol. 2, No. 10, pp.14-24, October, 2014.
8. S.Prakash, A.Jaffar Ali and Dr.T.S.Sivakumaran, “High Efficiency Ac-Ac Power Electronic Converter Applied to Domestic Induction Heating,” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 3, No. 11, pp.13059-13072, November, 2014.
9. S.Prakash, S.P.Vijayaraghavan and Dr.K.N.Bhanuprakash, “Non isolated High Voltage Gain DC-DC Converters Based on SSC and VMC,” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, No. 8, pp.7018-7031, August, 2015.
10. S.Vinod, S.Prakash and Dr.A.Kalirasu, “Study of SVM Based Controller for Grid Connected Wind Turbine,” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, No. 4, pp.2079-2090, April, 2015.

11. S.Prakash, S.P.Vijayaraghavan and Dr.T.S.Sivakumaran, “Wireless Wind Turbine Monitoring Using Arduino,” International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 4, No. 7, pp.6617-6630, July, 2015.
12. Prakash.S and Dr.Dhanasekaran.R “Comparison of Closed Loop Controlled Buck Converter fed PMBLDC Drives Systems with and Without Snubber”, International Journal of Electrical and Electronics & Telecommunication Engineering, ISSN 2319-2518, Vol.2, Issue 1, PP 69-76, January 2013. (I.F : 0.384)
13. Prakash.S and Dr.Dhanasekaran.R “Comparison of Converter fed PMBLDC Drives Systems with and Without Snubber”, International Journal of Engineering, Research & Applications, ISSN 2248-9622, Vol.3, Issue 4, PP 722-727, July-August 2013. (I.F : 1.69)
14. Prakash.S and Dr.Dhanasekaran.R “Interleaved Buck Converter fed PMBLDC Drive System”, International Journal of Technology and Engineering Science, ISSN 2320-8007, Vol.1(6), PP1043-1048,September 2013. (I.F : 0.962)
15. Prakash.S and Dr.Dhanasekaran.R “Simulation of Interleaved Buck Converter Fed PMBLDC Drive System with Input Disturbance “International Journal of Recent Development in Engineering and Technology, Vol.1, special Issue 1, October 2013.PP 36-40.
16. Prakash.S and Dr.Dhanasekaran.R “Design and Simulation of Closed Loop Controlled Buck Converter fed PMBLDC Drives System”, International Journal of Scientific & Engineering Research, ISSN 2229-5518, Vol.5, Issue 4, PP 7-10, April 2014. (I.F : 3.2)
17. Prakash.S and Dr.Dhanasekaran.R “ Comparison of Responses of PI & PID Controlled Interleaved Buck Converter fed PMBLDC Motor Drive System”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol.10 Issue 6, PP 4958-4962, March 2015. (S.J.R : 0.13 / ANNEXURE – II )
18. Prakash.S and Dr.Dhanasekaran.R “Investigation on Fuzzy Controlled Interleaved Buck Converter fed PMBLDC Drive System”, published in ARPN Journal of Engineering and Applied Research, ISSN 1819-6608, Vol.10 Issue 7, PP 2948-2955, April 2015. (S.J.R : 0.21 / ANNEXURE –II )

**Recent professional development activities :**

- Participated in International Seminar on “Smart Grid Technologies and Applications” held on 18<sup>th</sup> and 19<sup>th</sup> March 2016 at S.A.Engineering College, Chennai.
- Attended a workshop on “Glimpses on Effective Research and Proposal Writing” On 20<sup>th</sup> October 2016 At St. Joseph’s Institute of Technology.
- Participated in International Workshop on “Power System Studies Using ETAP & Dig Silent” held on 4<sup>th</sup> and 5<sup>th</sup> may 2017 at S.A. Engineering College, Chennai.