




SETHU INSTITUTE OF TECHNOLOGY

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Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



Department of Electrical and Electronics Engineering			
Name	S.Kannadasan		
Date of Birth	08.04.1988		
Unique ID	1-7361354625		
Educational Qualifications	M.E, (Ph.d)		
Designation	Assistant Professor		
Email ID	kannadasan0804@gmail.com		
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Experience	Teaching	Total	
	14.6 Years	14.6 Years	
Date of Joining the Institution	11.01.2011		
Area of Specialization	Power Electronics and Drives		
Courses taught	Electronic Devices and Circuits, Electric Machines-1, Electrical Circuits, Electrical Engineering, Power Electronics, Basic Civil and Mechanical Engineering, Measurements and Instrumentation, Circuit Theory.		
Research Focus	Electric vehicles, Deep learning, Machine Learning		
Subject Competency	Power Electronics and Drives		
No. of papers published	National Journals	International Journals	Conferences
	-	3	3
PG Specialization	Power Electronics and Drives		
Ph.D. Specialization	Electric vehicles		
Projects Carried out	UG – 8, PG - 2		
Patents (Filed & Granted)	2		





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Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E.,	EEE	Anna University, Chennai	2009
PG	M.E.,	Power Electronics and Drives	Anna University, Chennai	2011
Ph.D.	Ph.D.,	Pursuing	Anna University, Chennai	Pursuing

Details of Journal Publication:

- 1.S.Kannadasan, “High Step-Up Dc to Dc Converter with Switched Capacitor Technique.” International Journal on Applications in Electrical and Electronics Engineering, Volume 1: Issue 4: April 2015, pp 7-10. www.aetsjournal.com ISSN (Online) : 2395-3527
2. S.Kannadasan, “Performance evaluation of booth encoded multipliers for high accuracy DWT application.” International Journal Of Science, Engineering And Technology Research (IJSETR) Issn:2278-7798, Vol.2, Issue 3, March 2013, Page: 591-596
3. S.Kannadasan, “A novel approach to high performance hybrid cascaded inverter.” International Journal Of Emerging Trends In Engineering And Development, Issn:2249-6149, Vol.2, Issue 3, March 2013, Page: 611-616

Details of Conference attended:

1. S.Kannadasan, “Implementation of a current fed full bridge boost dc-dc converter with zero current switching for high voltage application” National Conference Connected By Department Of Electrical And Electronics Engineering, Christian College Of Engineering & Technology, 22 nd March 2011, Page 511-517
2. S.Kannadasan, “A low cost wireless sensors network for regular maintenance of distributed solar panel in domestic applications” National Conference Connected By Department Of Electrical And Electronics Engineering, Kamaraj College Of Engineering & Technology, 21thMarch 2012, Page 117-122
3. S.Kannadasan, “PWM soft single switched dc-dc converters with coupled inductors” National Conference Connected By Department Of Electrical And Electronics Engineering, Sethu Institute Of Technology, 23rd March 2012, Page 101-106

Details of Patents Filed and Granted:

1. Title of the Invention: Neural Network-Based Predictive Maintenance for Iot-Connected Industrial Equipment.
2. Title of the invention: IoT based Smart hybrid grid energy system with energy efficiency in remote area location.