Name	Dr.P.Veena		
Department	EEE		
Qualification	B.E.,M.E.,Ph.D		
Area of Specialization	Intelligent control, Special Machines		
Date of Joining (KSR IET)	**01-07-2011**		
Experience (as on 31.05.2020)	**Teaching:15.3 yrs**	**Industry:00**	**Others: 00**
Number of Papers Published	**National Journals : 00**	**International Journals : 35**	
Number of Papers Presented	**National Conferences : 06**	**International Conferences : 14**	
Books Published	**National Publisher : 00**	**International publisher : 00**	
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Publications (International Journals)

1. **Veena P, Indragandhi V, Jeyabharath R,(2014) " Review of grid integration schemes for renewable power generation system" International journal of renewable and sustainable energy reviews , Elsevier publishers, pp 628- 641**
2. **P.Veena, V.Indragandhi, R.Jeyabharath, (2013)"An Interleaved Soft Switching Boost Converter with Bidirectional Full Bridge Inverter for Photovoltaic power generation" Research Journal of Applied Sciences, Engineering & Technology, Vol. 6. No. 22, pp.4204-4210, 2013**
3. **V.Indragandhi, P.Veena, R.Jeyabharath, (2013), "Photo Voltaic Power Generation using Interleaved soft Switching Boost Converter- cascaded H-Bridge Inverter" International Review of Modeling and Simulations, Vol. 6. No. 2, pp. 329-335, 2013.**
4. **Manojkumar P, Veena Parasunath & Jeyabharath Rajaiah,(2019) 'Sustainable development of universal electronic control unit for fuel saving in automobiles to protect the environment pollution', Journal of electrical Engineering, Vol 19, No.2**

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5. **Ravivarman, S, Jeyabharath, R & Veena P 2016, 'Analysis and Design of Single Switch Hybrid Step-up Converter', Circuits and Systems, vol. 7, no. 4, pp. 211-221.**
6. **Ravivarman, S, Jeyabharath, R & Veena, P 2016, 'A high step-up boost converter integrated with voltage multiplier cell', International Journal of Innovations in Engineering and Technology, vol. 7, no. 1, pp. 626-632.**
7. **Ravivarman, S, Jeyabharath, R & Veena, P 2016, 'A high step-up hybrid dc-dc converter with reduced voltage stress for renewable energy applications', World Applied Sciences Journal, vol. 34, no. 7, pp. 871-877.**
8. **Jeyabharath Rajaiah, Velmurugan Ramar &Veena Parasunath 2016, 'Harmonic Minimization in Seven-Level Cascaded Multilevel Inverter Using Evolutionary Algorithm', Circuits And Systems, Scientific research publishing, vol. 7,no.9,19th July 2016, pp.2309-2322. (ISSN 2153-1285) (Updated list of Journals 2016).**
9. **Jeyabharath, R, Velmurugan, VR& Veena, P 2016, 'Harmonic minimization in seven level cascaded multilevel inverter using Selective Harmonic Elimination PWM Technique', Circuits And Systems, Scientific research publishing.(Accepted)**
10. **Srihari.T, Dr.Jeyabharath.R,Dr.P.Veena, "Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor", Advances in Natural and Applied Sciences, Vol. 10, Issue 5, pp.6-14, June 2016, ISSN: 1995-0772.**
11. **Srihari.T, Dr.Jeyabharath.R,Dr.P.Veena, "ANFIS Based Space Vector Modulation-DTC for Switched Reluctance Motor Drive ", Circuits and Systems, Vol. 7,pp. 2940-2947, May 2016, ISSN: 2153-1285.**
12. **N. Arulmurugaselvi, Dr. R. Jeyabharath, Dr. P. Veena, "An Efficient Feature Selection And Fuzzy Neuralnetwork With Content Based Image Retrieval To Diagnosis Mammogram Breast Cancer", International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 3, December 2016 (1631-1645).**
13. **Arulmurugaselvi.N.,Jeyabharath.R., Veena.P, "Content Based Mammogram Image Retrieval Using Particle Swarm Optimization And Hybrid Classifier", Asian Journal Of Research In Social Sciences And Humanities, Asian Research Consortium. (Accepted)**
14. **P. M. Dhanasekaran1, Parasunath Veena, Rajaiah Jeyabharath, "New DCM Operated Single Phase Bridgeless Cuk Derived Converters for Power Factor Correction", Journal of Circuits and Systems, 2016, 7, 2176-2188, DOI : 10.4236/cs.2016.79189**
15. **P. M. Dhanasekaran, R. Balamurugan, P. Veena, " New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement Based on Fuzzy Logic Control" Journal of Circuits, Systems, and Computers Vol. 24, No. 7 (2015). DOI: 10.1142/S0218126615501029**
16. **P.M.Dhanasekaran, P.Veena, R.Jeyabharath, "Improved Power Factor Correction for BLDC Drive Using Fuzzy Logic Controller", International Journal of Innovative Research in Science, Engineering and Technology,Vol. 5, Issue 7, July 2016, DOI:10.15680/IJIRSET.2016.0507133.**
17. **Kulandaivel Velusamy, Veena Prasunath and Jeyabharath Rajaiah, 2016. "Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor", Asian Journal of Information Technology, pp 4662-4668.**

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19. **P.Veena, " ANN based Regenerative Braking system of Electric Vehicle", International Journal in Research and Development, Vol.3, no.1, Jan 2016**
20. **ManojKumar Palaniswamy & P.Veena, 2017,"Designing of Real Time Controlled Area Network for automobiles using LabVIEW and cRIO", Asian Journal of research in social sciences and humantics, Vol 7, No.3., pp.964-974**
21. **Veena P, R.Jeyabharath and Rajaram M. (2010), 'Performance Improvement of Direct Torque Control for Switched Reluctance Motor using Neuro-fuzzy Controller', International Journal of Control and Intelligent Systems, Actapress Publishers, Canada. Vol. 38, No. 3, 2010 (paper no. 201-2118)**
22. **Jeyabharath R, Veena P and Rajaram M. (2010), 'Modeling and Simulation of Direct Torque Control for Multi Phase Switched Reluctance Motor Drive', International Journal of Modeling And Simulation, Actapress Publishers, Canada. Vol. 30. No.2. pp.1-8. 2010 (paper no. 205-5136)**
23. **Jeyabharath R, Veena P and Rajaram M. (2008), 'A High Performance DTC Strategy for Torque Ripple Minimization Using Discrete Space Vector Modulation Techniques for SRM Drive' International Journal of Applied Engineering Research, IJAER 2008, Vol.4, No.3, pp 371-379**
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26. **Jeyabharath R, Rajasekaran C & Veena P (2014), 'Enhanced Data Acquisition System Using Embedded Ethernet for Industrial Applications', Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 16. PP. 1814-1823**
27. **Rajasekaran, C, Jeyabharath, R & Veena, P (2014), 'Design and Development of a FPGA based High Speed Data Acquisition System', International Journal of Applied Engineering Research. Volume 9, Number 23 pp. 19977-19990.**
28. **Rajasekaran C, Jeyabharath R & Veena P (2014), 'Hardware-Software Reconfigurable Techniques for Wireless Sensor Network', Research Journal of Applied Sciences, Engineering and Technology. vol. 8, Issue 17. pp.1855-1862**
29. **M. Murugan, R.Jeyabharath and P.Veena,(2014) "Stability Analysis and Parameter Design of BLDC Drive Utilizing Root-Locus Approach", Journal of Theoretical and Applied Information Technology, Vol.61, March 2014**
30. **M.Murugan, R.Jeyabharath and P.Veena, (2013) "Stability Analysis of BLDC Motor Drive based on Input Shaping" , International Journal of Engineering and Technology, Vol 5, No 5, pp 4339-4348, October 2013**
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32. **Veena P, Jeyabharath R, "An Improved Direct Torque Control Using Intelligent**

Technique for Switched Reluctance Motor Drive" International Journal of Mathematics and Soft Computing Vol.5, No.1. (2015), pp 197-205

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Publications (International Conferences)

1. **Indra Gandhi V, Dr.P.Veena (2012), "A review of interleaved soft switching Boost converter for power generation" proceedings of IEEE-International conference on Advances in Engineering, Science and Management (ICAESM-2012) March 30-31, 2012. Pp 27-31. 3/0.23**
2. **Veena P Jeyabharath R, Rajaram M and Sivanandam S.N (2009). 'Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive' Proceedings of IEEE International Conference on Man-Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B5-1–2B5-6.**
3. **Veena P, Jeyabharath R, Rajaram M. and Sivanandam S.N (2009). 'A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive' Proceedings of IEEE International Conference on Man-Machine Systems (ICoMMS 2009) 11 – 13 October 2009, Batu Ferringhi, Penang, MALAYSIA pp. 2B9-1 – 2B9-6.**
4. **Jeyabharath R, Veena P and Rajaram M. (2008), 'A Fuzzy Logic Approach To Direct Torque Control Of Switched Reluctance Motor Drive' Proceedings of IEEE International Conference on power electronics drives &power systems, Power Coin-2008,march 20th &21st 2008, pp.18-22.**
5. **Jeyabharath R, Veena P and Rajaram M. (2006), 'A Novel DTC Strategy of Torque and Flux Control for Switched Reluctance Motor Drive' Proceedings of IEEE International Conference PEDES-2006, IEEE New Delhi Section. 12-15 Dec 2006, pp.132-136.**
6. **Veena P , Jeyabharath R, and Rajaram M. ((2006) "A new Scheme of Torque and Flux Control for Switched Reluctance Motor Drive" Proceedings of IEEE India International Conference on Power Electronics,IICPE-2006,19-21 dec 2006, pp 269 - 273**
7. **Jeyabharath R, Veena P and Rajaram M. (2005), 'A New Converter Topology for Switched Reluctance Motor Drive' Proceedings of IEEE International Conference Indicon-05.IEEE Madras Section. 11-13 Dec.2005, pp. 580-584.**
8. **S.KrishnaKumar, P.Veena, " Analysis of Diode Models of PV Cells", International**

conference in Advancements in Electrical and Electronics Engineering, March 2014.

9. **Elenthendral R, Veena P, " Reduction of Harmonics in Demodulator using PWM Techniques" Proceedings of TEQIP Sponsored International Conference on Computational Intelligence(ICCI-15) Apr7 & 8 2015.**
10. **R.Jeyabharath, P.Veena (2020) "Artificial Intelligence based Traffic Control System for Emerging Vehicles", International Conference on Engineering and Technology (ICET 2020).**
11. **P.Veena(2020), "Online remote monitoring and control of windmill", International Conference on Engineering and Technology (ICET 2020).**
12. **P.Veena," Design of Smart Wheelchair and vital signs monitoring for Paralytic Patients" Proceedings of International Conference on Information Sciences and Renewable Energy Sources (ICISRES-2K19)**
13. **P.Veena, (2018),"Pick and drop robotic arm using embedded system", Proceedings of International Conference on Interdisciplinary Research Practices and Applications, March 2018.**
14. **P.Veena, " ANN based Regenerative Braking system of Electric Vehicle using BLDC Motor", International Conference on computer, Electrical, Electronics, Management and Information Technology, March 2016**

Publications (National Conferences)

1. **P.Veena," Design of Smart Wheelchair and vital signs monitoring for Paralytic Patients" Proceedings of National Conference on Emerging Trends in engineering and Technology, 16th March 2019.**
2. **P.Veena, "Analysis and Implementation of BFS Algorithm for Devotees Tracking using ZIGBEE Wireless Sensor Networks", 5th National Level Conference on Recent Trends in Electrical Science, Feb 2015.**
3. **P.Veena, "Analysis of Diode Models of PV Cells", National conference on Recent Trends in Engineering and Technology, March 2014.**
4. **P.Veena, "A Novel Strategy of Troque and Flux control of Switched Reluctance Motor Drive,", National Level Conference on Intelligent Integrated Control and Automation, (IICA2006), Feb 2006.**
5. **P.Veena, "A New Scheme of Direct Torque and flux Control of Switched Reluctance Motor Drive, National Conference on Modern trends in Electrical and Electronics Systems, March 2006.**
6. **P.Veena," A New Converter Topology for Switched Reluctance Motor Drive", National Conference on Recent Trends in electrical Engineering (RTEE-05), August 2005.**

Patents Filled : 02

S.No	Patent Application No	Title of Invention	Date of filing	Date of Published
1.	202041025188	A Novel Method for Detection of Quality of Apples using edge Detection Approach	15thJune 2020	Yet to publish

2.	**202041012783**	**System for Automatic Fog Cleaner for VLSI Cooler**	**24th March 2020**	**05th June 2020**

Books /Instruction materials/monograms published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.				

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.				

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	06.05.2013	16.05.2013	Research and Reconfigurable Embedded System for Medical Science	AICTE 3.75 Lakhs

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.		

Training Offered

- NIL

Membership in Professional Bodies

- **Indian Society for Technical Education (ISTE) - Life Member (LM 51640)**

Subject Links

- NIL