

Conference Publications: Department of Electrical Engineering

Title of the paper	Name of the conference	Year of publication	ISBN/ISSN	Name of the Author	Name of the publisher
Year: 2016-2017					
1. "Brushless Doubly fed Reluctance machine and its control."	I ² IT, ICACDOT	Sept 2016.	978-1-5090-2080-5	Somitra Kunte, Mandar Bhawalkar, Dr. N. Gopalkrishna, Dr. Y. P. Nerkar	IEEE
2. "Optical Design and Comparative analysis of Different configurations of Brushless Doubly Fed Reluctance Machine"	IEEE Conference ICEMS	2016	ISBN No. 978-81-924990-4-8	S. Kunte, Prof.M. P. Bhawalkar, Dr Y. P. Nerkar, Dr. N. Gopalkrishna	IEEE
3. " Selection of Suitable Pole combination of BDFRM for variable speed applications"	IEEE WIE CON-ECE,	19-21 Dec 2016	Electronic ISBN No. 978-1-5090-3745-2	S. Kunte, Prof. M. P. Bhawalkar, Dr Y. P. Nerkar, Dr. N. Gopalkrishna, Dr. Mrs. G. A. Vaidya	IEEE
4. "Data Acquisition and Hardware Setup Development for Implementation of Feedback Control and Obstacle Detection for Car type Robot"	Advancements in Automation and Sensing (ICAARS2016)	June 2016	ISBN: 978-9-8110-2845-8	Akshay A. Dhotre, Dr. Mrs. S. S. Deshpande, Dr. Mrs. R. A. Walambe, Dr. Mrs. V. A. Joshi	Spinger
5. Sodium Batteries : A New Era of Electrical Energy Storage"	Electric Power & Power Electronic Control Systems	6th- 7th May 2016.	-	Prof. Mrs. G. M. Karve, Dr. G. A. Vaidya	-
6. "Electric Power Price	IEEE conference on Data Mining	24-26 Feb 2017	To be appear on IEEE	Mrinal Patil, Dr. Mrs. S.	IEEE

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Forecasting Using Data Mining Techniques”	Management and Analysis.		explore	R. Deshmukh	
7. “Voltage and frequency controller for isolated wind energy conversion system”	Innovation in Electrical and electronics Engineering	21 st Aug. 2016	ISBN: 978-93-85225-72-7	Nilima Gore, Prof. Mrs. P. R. Khatri	-
8. “Community Energy Storage : National and International Scenario”	7th IEEE Conference on Power Electronics and Power Systems, Thapar University, Patiyala, Punjab	17th- 19th Nov 2016	-	Prof. Mrs. G. M. Karve, Dr. G. A. Vaidya	IEEE
9. “Production friendly design and development of brushless DC machines”	Electrical Machines and Systems (ICEMS)	13-16 Nov 2016	978-4-88686-098-9	Prof. M.P.Bhawal akr, Prof. O. Pawaskar, A. Pendase, Pallavi Wagh , S. Kulakarni, M. Sonawane, M. Kulkarni	IEEE
10. “Selection of distributed generation system using multicriteriadecision making fuzzy TOPSIS optimization”	Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRIT O)	7 Sept 2016	978-1-5090-1489-7	Varsha Galgali, Dr. G. A. Vaidya	IEEE
Year: 2015-2016					
1.” Speed Control of PMSM using disturbance observer”	ACODS 2016, Trichy IFAC papers online VOL: 49 No: 1	2016	ISSN No. 2405-8963	Apte A, Dr. Joshi V, Walambe R, Godbole A	IFAC
2.”Optimal Trajectory Generation for	ACODS 2016, Trichy.	2016	ISSN No. 2405-8963	Walambe R, Agarwal N, Kale S, Dr.	IFAC

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Car-type Mobile Robot using Spline Interpolation”.	IFAC papers online VOL: 49 No: 1			Joshi V	
3.“Survey of EKF based Sensorless Vector Control Methodologies for a PMSM”	Indian Control Conference	2016	Electronic ISBN No: 978-1-4673-7993-9 USB ISBN : 978-1-4673-7993-2	Walambe R and Dr.Joshi V	IEEE
4.”Development of Robust Phase Locked Loop System and its Operation for Distorted Utility Conditions”	National Power Electronics Conference NEPC 2015	22-24 Dec 2015	-	Prof. M. P. Bhawalkar, Dr Y. P. Nerkar, Dr. N. Gopalkrishnan	IIT Bombay
5.” Design and Analysis of Brushless Doubly Fed Reluctance Generator for Wind Energy Application”	IEEE 18th International Conference on Electrical Machines and Systems, ICEMS 2015	25-28 Oct 2015, Pattaya, Thailand	ISBN: 978-1-4799-8805-1	S. Kunte, Prof. M. P. Bhawalkar, Dr Y. P. Nerkar, Dr. N. Gopalkrishnan	IEEE
6.”Robust Control of DC Drive using Sliding Mode Control “	IEEE International Conference on Energy Systems and Applications	30Oct-1Nov	ISBN No. 978-1-4673-6817-9	Kushal Lodha, Prof. M. P. Bhawalkar	IEEE
7.”Design of Fractional-order PI Speed Controller for Permanent Magnet Synchronous Motor”	International Symposium on Fractional Signals and System, FSS 2015, Romania	2015	ISBN No. 978-606-737-084-3	Prof.U.S.Thakar, Dr. Vrunda Joshi, Vishvesh Vyavahare	U.T. PRESS Cluj-Napoca

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8."Speed Control of PMSM with Hall Sensors using DSP TMS320F2812" at, pp.295-300,	IEEE PEDS 2015, Sydney, Australia	2016	ISBN No. 978-1-4799-4402-6/15.	Hrishikesh Mehata, Prof. Ujjwala Thakar, Dr. Vrunda Joshi, Madhav Kuber and Pradeep Kurulkar	IEEE
9. "Hall Sensor Fault Detection and Fault Tolerant Control of PMSM Drive System"	Industrial Instrumentation and Control (ICIC 2015), Pune	2015	ISBN No.978-1-4799-7/15.	.Hrishikesh Mehata, Prof. Ujjwala Thakar, Dr. Vrunda Joshi, Kirti Rathod and Pradeep Kurulkar	IEEE
10."Study of Sensorless Control Algorithms for a Permanent Magnet Synchronous Motor Vector Control Drive"	Industrial Instrumentation and Control (ICIC) COEP, Pune	2015	ISBN No.978-1-4799-7/15.	Rahee Walambe, AishwaryaApte , Dr. Vrunda Joshi, Jaywant P. Kolhe, Anjali Deshpande	IEEE
Year: 2014-2015					
1. "Simulation studies of UPFC under Transient conditions for Design of Dc Link capacitor"	National conference on Modelling, Optimization and Control	4th-6th March 2015	-	Prof. A. D. Purandare and Surekha Dixit	-
2., "Simulation of a Permanent Magnet Synchronous Motor using Matlab-Simulink"	Annual IEEE India Conference (INDICON' 14)	11-13 Dec2014	ISBN No. 978-1-4799-5364-6/14, DOI: 10.1109	AishwaryaApte, Rahee Walambe, Dr. Vrunda Joshi, Kirti Rathod and Jaywant Kolhe	IEEE
3." Risk Management in Electricity Market By Portfolio	11th IEEE India Conference, INDICON 2014	11-13 Dec 2014	ISBN No. 978-1-4799-5364-6/14, DOI: 10.1109	Pooja Shinde, Dr Surekha Deshmukh	IEEE

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Optimization”					
4.” Techno-Economic analysis of Cogeneration Plant in sugar Industry”	International conference of science and Technology 2014	2014	-	Manjusha A. Kanawade, Mangesh S. Thakare	IEEE
5. “Modeling and simulation of single phase grid connected solar photovoltaic system ”	11th IEEE India Conference, INDICON 2014	Dec11 2014	ISBN: 978-1-4799-5364-6/14, DOI: 10.1109	Manisha Joshi, Prof. Dr. Mrs. G. A. Vaidya	IEEE
Year: 2013-2014					
1.“ Designing of unified power flow controller”	Advanced Power System 2014	March 19-20, 2014	-	Mugdha Shendage, Prof. Mrs U S Thakar	-
2. Design And Performance Evaluation Of Prototype Photovoltaic Thermal (PVT) Collector	4 th International Conference on Advances in Energy Research (ICAER),	2013	-	Thakare M. S., Ghosh P. C., Bandyopadhyay S	IIT bombay
3.” Advance Photometer Technology for Identification of Faulty Meters”	ICEECMPE International conference	2nd Nov 2013	ISBN No: 98-93-82702-37-5	Rashmi Joshi, Dr.S. R. Deshmukh, S. R. Pawade	-
4.” Evaluation of Sale index for Load Shedding”,	Proceedings of ICEECMPE International conference	2nd Nov 2013	ISBN No: 98-93-82702-37-5,	Rashmi Joshi, Dr. S. R. Deshmukh, S. R. Pawade	-
Year: 2012-2013					
1. ” Determination of Price of Rective Power in Deregulated Electricity Market using Particle Swarm Optimization”	Electrical, Electronics and Automation Engineering	14th April	ISBN: 81-7375-196-X.	Puja S. Kate, P. R. Khatri	-
2.” Use of Portfolio Optimization for	Current trends and challenges in Management,	23-24 March 2013	-	Ms. Pooja Shinde, Prof. Dr. S.	-

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management of risk in Electricity Market”	Engineering , Computer Applications and Technology			R. Deshmukh	
3.“ Design of Microcontroller based lab scale model of single phase UPFC”	Emerging trends in Electrical and Electronics Engineering	18 Feb 2013	-	Sachin G. Nehatrao, Prof. A. D. Purandare	-
4.”Use of Power Electronic Converters To Suppress Transformer Inrush Current”	IEEE International Conference on Power Electronics , Drives and Energy Systems	16-19 Dec 2012	ISBN : 978-1-4673-4508-8	Manisha Wani, Prof.Mrs. K. M. Kurundkar, Prof. M. P. Bhawalkar	IEEE