

CONFERENCES 2015

Sl. No.	Name of Faculty	Publication	Page Nos.
1.	Sandhya P.	Sandhya P., Midhun G., "Circulating Common Mode Current Reduction in Open-End Winding Induction Motor", Proceedings of IRF International Conference, 27 th September 2015, Hyderabad, India, pp: 25-30.	1 – 6
2.	Manju G	Bijily Rose Varghese, Manju G. "Flight Vehicle Aerodynamic Parameter Estimation using Filter Error Method", IFERP International Conference on Emerging Trends in Engineering & Technology, 2 nd August 2015, pp: 6-10.	7 - 12
3.	Shalu George K.	Celia Pradeep and Shalu George K., "Acquisition and Classification of sEMG signals", IFERP International Conference on Emerging Trends in Engineering & Technology, 2 nd August 2015, Trivandrum, pp: 11-16.	13 - 18

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Sl. No.	Name of Faculty	Publication	Page Nos.
1.	M.K. Giridharan	M.K. Giridharan, Sumitra K., "Comparison between Field Oriented Control of BLDCM and PMSM using SVPWM in Minimizing Torque Ripples in Satellite Application", International Journal for Scientific Research & Development, Vol. 03, Issue 09, 2015.	19 – 24
		M.K. Giridharan, Sumitra K., "Torque Ripple Minimization in Reaction Wheels Used in Satellites-A Comparison between Field Oriented Control of BLDCM and PMSM Using SVPWM", International Journal of Science and Research, Vol. 04, Issue 11, November 2015.	25 – 32
		M.K. Giridharan, Sumitra K., M. Suresh, "PMSM Field Oriented Control using SVPWM for Control Moment Gyroscope (CMG)", International Journal of Engineering Research & Technology Vol. 04, Issue 08, August 2015.	33 – 38
2.	Elizabeth Varghese	Elizabeth Varghese, Jithin Babu, "Stabilization of Rotary Arm Inverted Pendulum using State Feedback Techniques", International Journal of Engineering & Technology (IJERT), Vol 4, Issue 07, July 2015.	39 – 44
		Elizabeth Varghese, Ramkumar V P, "Fractional order PID Controller for Liquid level system", International Journal of Engineering & Technology (IJERT), Vol 4, Issue 07, July	45 – 48

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		Jithin Babu, Elizabeth Varghese, "Swing up action of Rotary Arm Inverted Pendulum by controlling the position of PMDC servo motor", Proceedings of National Conference and workshop on Recent trends in Electrical, Electronics and Communication Engineering, TECHSYNOD '15, Mohandas College of Engineering and Technology, Thiruvananthapuram, December 2015, pp: EE5.1 – EE5.6.	pp: EE5.1 – EE5.6.
		Anagha Philip Antony, Elizabeth Varghese, "Performance Indices of PID Controller with Ziegler Nichols and Åström-Hägglund Tuning", Proceedings of National Conference and workshop on Recent trends in Electrical, Electronics and Communication Engineering, TECHSYNOD '15, Mohandas College of Engineering and Technology, Thiruvananthapuram, December 2015, pp: EE4.1 – 4.6.	pp: EE4.1 – 4.6.
3.	Nisha G.K.	Nisha G.K., Stella Kurian, "Open Loop Operation of Switched Reluctance Motor with Dump Converter", International Journal of Electrical and Electronics Engineering Research (IJEER), Vol. 5, Issue 3, June 2015, pp 51-60.	49 – 58
		Nisha G.K., Stella Kurian, "Closed Loop Operation of Switched Reluctance Motor with Hysteresis Controller", International Journal of Applied Engineering Research, Vol. 10, No. 17, 2015, pp 37645-37650.	59 – 64
4.	Manju Sreekumar	Manju Sreekumar, Anns Thomas Mathew, "Three Phase Induction Motor Drive Using Boost Converter and 3 Level Inverter Fed from Photovoltaic Panel", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 04, Issue 10, October 2015.	65 –72
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5.	Manju G.	Manju G., Bijily Rose Varghese, “Longitudinal Parameter Estimation of Aerospace Vehicle with Different Initial Conditions”, International Journal of Engineering and Technology, Vol. 02, Issue 07, October 2015.	77 – 80
		Manju G., Bijily Rose Varghese, Longitudinal Parameter Estimation of Aerospace Vehicle with Different Noise Levels, International Journal of Engineering Research and Technology, Vol. 04, Issue 10, October 2015, pp: 567 - 569.	81 - 84
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6.	Jomole Joseph	Jomole Joseph, Praveen Sebastian, “PV Based Resonant Two Inductor Boost Converter for Induction Machine Drive Application”, International Journal of Engineering Trends and Technology, Vol. 27, No. 5, September 2015, pp: 254 - 260.	93 - 102
7.	Sandhya P.	Sandhya P., Midhun G., “A Dual Two-Level Inverter Fed Open-End Winding Scheme with Space Vector PWM”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 04, Issue 10, October 2015, pp: 8109 - 8116.	103 - 110
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8.	Sheenu P.	Sheenu P., Anjali R D, “Variable Speed Wind Turbine Driven PMSG Fed Wind Energy Conversion System using Vector Control”, International Journal on Recent Technologies in Mechanical and Electrical Engineering, Vol. 02, Issue 08, August 2015, pp: 55 – 59.	123 – 128
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9.	Shyju Susan Mathew	Shyju Susan Mathew, VeenaJanardhanan, “Improvement of Operational Performance of Active Magnetic Bearing using Nonlinear LQG Controller”, International Journal of Engineering Research & Technology, Vol. 04, Issue 07, July 2015.	
		Shyju Susan Mathew, Vineetha A. V., “Displacement Control of Conjugated polymer Actuator using Self Tuning Regulator”, International Journal of Engineering Research & Technology, Vol. 04, Issue 07, July 2015.	
12.	N. A. Divya	N. A. Divya, Meera G. S., “Dynamic Modelling and Analysis of DFIG based Wind Turbine for Variable Wind Speed”, International Journal of Science Technology & Engineering, Vol. 02, Issue 02, August 2015.	
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14.	Manju Ann Mathews	Manju Ann Mathews, Aswathy G.SA, “Comparison Study of Seven Level Inverter Using Cascaded H-Bridge and Reversing Voltage Topology”, Vol. 4, Issue 10, October	

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17.	Vandana P.	Vandana P., Sreesha A S. "Four Quadrant Operation of BLDC Motor with Current Controller" International Journal of Engineering Trends and Technology, Vol. 28, No. 02, October 2015.	
18.	R. S. Praveen Raj	R. S. Praveen Raj, Mary Suja Antony, "Field Oriented Control of PMSM with Carrier Based Vector Pulse Width Modulation Technique" International Journal of Engineering Research & Technology Vol. 04, Issue 08, August 2015.	
		R. S. Praveen Raj, Mary Suja Antony, "Switching loss Estimation of SiC MOSFET in Ltspice", International Journal of Advance Electrical and Electronics Engineering, Vol. 04, Issue 04, 2015.	
19	C. SojyRajan	C. Sojy Rajan, Gokul P.H., "Power Factor Corrected Single Stage AC-DC Full Bridge Resonant Converter", International Journal of Engineering Research & Technology, Vol. 04, Issue 09, September 2015.	
20	Arun .S. Mathew	Arun S. Mathew, Reshma B. R., "Gain Scheduling Implementation in DC/DC Buck Converter using PID Controller", International Journal of Engineering Research & Technology Vol. 04, Issue 07, July 2015.	
		Arun S. Mathew, Rini George, "Speed Control of PMSM using Backstepping Method", International Journal of Engineering Research & Technology Vol. 04, Issue 07, July 2015.	