

Shri Ramswaroop Memorial Group of Professional Colleges

Electrical & Electronics Engineering and Electrical Engineering (EN & EE) Department

List of Research Papers:

S. No	Title of the Paper	Name of conference/ Journal	Name of Author
1	Condition Monitoring of Permanent Magnet Synchronous Motor- A Review”,	Journal on Instrumentation & Control Engineering, Vol. 8, No.1, Jan-June 2020. [ISSN: 2321-1148, IF: 0.727].	Dr. Khadim Moin Siddiqui,
2	A Review on Fire Extinguishing Robot”,	Journal on Electronics Engineering, Vol. 10, No.3, March-May 2020. [ISSN: 2249-0760, IF: 1.130].	
3	Induction Motor Speed Control with Solar Cell Using MPPT Algorithm by Incremental Conductance Method	Tikrit Journal of Engineering Sciences, Vol.27, No.3, pp. 8-16, July 2020. [ISSN: 2312-7589].	
4	Performance Assessment of Variable Speed Induction Motor by Advanced Modulation Techniques	Springer’s Lecture Notes on Electrical Engineering, Chapter No. 70, Vol. 723, 2020. [ISSN: 1876-1100, IF: 0.34].	
5	Health Monitoring and Eccentricity Fault Diagnosis of Induction Motor by Signal Processing Techniques	Journal on Digital Signal Processing, Vol.7, No.3, pp. 9-15, July-Sept. 2019 [ISSN: 2321-7480, IF: 0.889].	
6	Early, Demagnetization Diagnosis in Multi-phase PMSM Machine by Advanced MCSA Technique	Springer’s Algorithms for Intelligent Systems, pp. 159-168, 2019 [ISSN: 2524-7565].	
7	Demagnetization Diagnosis In Multi-Phase PMSM Machine By Advanced MCSA Technique	Journal on Electrical Engineering, Vol. 12, No. 4, pp. 37-45, April-June. 2019 [ISSN: 2230-7176, IF: 3.273].	
8	Diagnosis of Stator Inter-Turn Fault in PWM Inverter Fed Induction Motor by Advanced DSP Technique	Journal on Electrical Engineering, Vol. 12, No. 3, pp. 9-20, Jan-March. 2019 [ISSN: 2230-7176, IF: 3.273].	
9	Simulation Analysis and Performance	Journal on Future Engineering and	

	Comparison of SPWM and SVPWM Inverter fed Induction Motor Drives	Technology, Vol.13, No.2, pp.28-36, Nov.-Jan., 2018 [ISSN: 2230-7184, IF: 6.476].
10	Demagnetization Assessment of PMSM Machine by Discrete Wavelet Transform	Journal on Circuits and Systems, Vol. 6, No.4, pp.1-10, Sept.-Nov., 2018 [ISSN: 2322-035X, IF: 0.267]
11	Simulation and Performance Comparison of Variable Speed Multi-Phase PMSM Machines	Journal on Electronics Engineering, Vol. 9, No.1, pp. 7-13, Sept.-Nov., 2018 [ISSN: 2249-0760, IF: 1.130].
12	Rotor Broken Bar Fault Detection of Induction Motor by Advanced MCSA Technique	Journal of Electrical and Electronics Engineering, Vol. 10, No.2, pp. 45-50, Oct. 2017 [ISSN: 2067-2128, IF: 0.13].
13	Performance and Analysis of PWM Inverter Fed 3 Phase PMSM Drive	Journal on Electronics Engineering, Vol.8, No.1, pp. 9-18, Sept.-Nov. 2017 . [ISSN: 2249-0760, IF: 1.130].
14	, Detection of Rotor Broken Bar Fault in Inverter Fed Induction Motor Drive by Wavelet Transform	International Journal of Control Theory & Applications, Vol.10,No.37, July 2017 [ISSN: 0974-5572, IF:0.11].
15	Modeling and Open Phase Fault Analysis in Three and Five Phase Permanent Magnet Synchronous Motor Machine	Journal on Instrumentation & Control Engineering, Vol.5, No.4, pp.32-40, Aug.-Oct. 2017 [ISSN: 2321-1148, IF: 0.727].
16	Stator Inter-turn Fault Detection in Inverter Fed Induction Motor Drives	International Journal of Applied Power Engineering, Vol.6, No.2, pp. 90-103, August 2017 [ISSN: 2252-8792].
17	Modelling, Simulation and Harmonic Reduction of Five Level Diode Clamped Inverter Fed Induction Motor Drive	Journal on Circuits and Systems, Vol. 5, No. 2, pp. 41-50, March-May 2017 [ISSN: 2322-035X, IF: 0.267].
18	Performance and Analysis of Multilevel Inverters	i-manager's Journal on Power Systems Engineering, Vol. 4, No. 4, Nov. 2016-Jan. 2017 [ISSN: 2322-0376, IF: 0.5].
19	Modeling and Analysis of Open and Closed Loop Induction Motor fed PWM Inverter	International Journal of Electronics and Electrical Engineering, Vol.4, No.6, pp. 474-

		481, Dec. 2016 [ISSN 2301-380X].
20	An Efficient Approach to Diagnose Induction Motor Faults in Inverter Fed Induction Motor Drives	Journal on Instrumentation and Control Engineering, Vol.4, No.4, pp.1-15, Aug.-Oct. 2016 . [ISSN: 2321-1148, IF: 0.727].
21	Diagnosis of Airgap Eccentricity Fault in the Inverter Driven Induction Motor Drives by Transformative Techniques	Elsevier: Perspective in Science, Vol.8, pp.127-131, 2016 [ISSN: 2213-0209].
22	, Diagnosis of Airgap Eccentricity Fault in the Inverter Driven Induction Motor Drives by Wavelet Transform	Journal of Electrical Engineering, Vol.16, No.2, June 2016 [ISSN: 1582-4594, IF: 0.11].
23	Diagnosis of Rotor Broken Bar Fault in Inverter Driven Induction Motor Drive by Signal Processing Techniques	Journal on Instrumentation & Control Engineering, Vol.4,No.3,May-July 2016 [ISSN: 2321-1148, IF: 0.727].
24	Rotor Broken Bar Fault Detection in Induction Motor Using Transformative Techniques	Journal of Electrical Engineering, Vol.15, No.1, pp. 135-141, March 2015 [ISSN: 1582-4594, IF: 0.11].
25	Performance and Analysis of Space Vector PWM Inverter Fed Squirrel Cage Induction Motor Drives	Journal on Electrical Engineering, Vol. 8, No. 3,pp. 18-30, January-March 2015 [ISSN: 2230-7176, IF: 3.273].
26	Bearing Fault Detection in PWM Inverter Fed Induction Motor Drives by Transformative Techniques	Journal on Electrical Engineering, Vol. 8, No. 3,pp. 18-30, January-March 2015 [ISSN: 2230-7176, IF: 3.273].
27	Performance and Analysis of Direct Torque Control Induction Motor FED PWM Inverter Drives	Performance and Analysis of Direct Torque Control Induction Motor FED PWM Inverter Drives
28	Diagnosis of Air-Gap Eccentricity Fault for Inverter Driven Induction Motor Drives in the Transient Condition	Journal on Instrumentation & Control Engineering , Vol. 3, No. 1,pp. 30-41, Nov. 2014-Jan. 2015, 2015 [ISSN: 2321-1148, IF: 0.727].
29	Modelling and Simulation of Variable	International Journal of Advanced Research in

	Speed Squirrel Cage Induction Motor Drives	Electrical, Electronics and Instrumentation Engineering, Vol.4, No.7, pp., 2015 [ISSN: 2278-8875, IF: 6.392].
30	Modelling and Detection of Bearing Fault in PWM Inverter Fed Induction Motor Drives	Journal on Electrical Engineering, Vol. 8, No. 1, pp. 11-24, July-September 2014 [ISSN: 2230-7176, IF: 3.273].
31	Simulation and Transient Analysis of PWM Inverter Fed Squirrel Cage Induction Motor Drives	Simulation and Transient Analysis of PWM Inverter Fed Squirrel Cage Induction Motor Drives
32	Performance and Analysis of Switching Function Based Voltage Source Inverter Fed Induction Motor	International Electrical Engineering Journal, Vol. 5, No. 9, pp. 1545-1552, 2014 [ISSN: 2078-2365].
33	International Journal of Advanced Research in Electrical,	Electronics and Instrumentation Engineering, Vol. 3, No. 1, pp. 6549-6565, January 2014 [ISSN: 2278-8875, IF: 6.392].
34	Telecom Voice Traffic Prediction for GSM Using Feed Forward Neural Network	International Journal of Engineering Science and Technology, Vol 5, March 2013 [ISSN: 0975-5462].
35	Modelling and Detection of Rotor Broken Bar Fault using Induction Motor fed PWM Inverter	International Journal of Computer Science and Technology (IJCST), Vol 3, No. 1, pp. 353-358, Jan.-March 2012 [ISSN: 0976-8491, IF: 7.481].
36	Fault Diagnosis and Condition Monitoring of Induction Motor using Wavelet Transform	International Journal of Multidisciplinary Research & Advances in Engineering, Vol 4, pp. 479-496, Jan. 2012 [ISSN: 0975-7074, IF: 0.5014].
37	Broken Rotor Bar Fault Detection in Induction Motors using Transient Current Analysis	International Journal of Electronics & Communication Technology, Vol 2, No. 4, pp. 114-119, Oct.- Dec. 2011 [ISSN: 2230-7109, IF: 0.675].
38	Active Power Filters in Aircraft Electric Power Systems: A Comparison among Conventional and Advanced Compensation Techniques	Distributed Generation & Alternative Energy Journal. (Accepted)
39	A Review on Fire Extinguishing Robot	i-manager's Virtual Conference on Electronics and Communication: Loading Intelligence on

		Future Electronics, organized by i-manager's publications on 17 Nov. 2020 .
40	Condition Monitoring of Permanent Magnet Synchronous Motor-A Review	i-manager's Virtual Conference on Electronics and Communication: Loading Intelligence on Future Electronics, organized by i-manager's publications on 17 Nov. 2020 .
41	Performance Assessment of Variable Speed Induction Motor by Advanced Modulation Techniques	International Conference on Renewable Power-2020, organized by BGSB University, J&K & Electrical Engineering Department, ZHCET, AMU, Aligarg, during 13 and 14 July 2020 .
42	Early, Demagnetization Diagnosis in Multi-Phase PMSM Machine by Advanced MCSA Technique	1 st Int. Conf. on Computing Applications in Electrical & Electronics Engineering at REC, Sonbhadra, U.P., 30-31 August 2019
43	Simulation and Performance Comparison of Variable Speed Multi-phase PMSM Machines	IEEE Int. Conf. on Computations and Characterization Techniques in Engineering & Sciences (CCTES-18), Integral University Lucknow, India, 14-15 September 2018 .
44	Early, Detection of Rotor Broken Bar Fault in Inverter Fed Induction Motor Drive by Wavelet Transform	IEEE Int. Conf. on Circuits, Power and Computing Technologies (ICCPCT-2017), Baseliros Mathews II College of Engineering, Kollam, Kerala, 20 - 21 April 2017 [ISSN: 0974-5572].
45	Diagnosis of Stator Inter-turn Fault in Inverter Driven Induction Motor by Wavelet Transform	IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016), Delhi Technological University, 4-6 July 2016 [ISBN: 978-1-4673-8587-9].
46	Air-Gap Eccentricity Fault Detection in the Transient Condition for Inverter Driven Induction Motor Drives	IEEE Int. Conf. on Circuits, Power and Computing Technologies (ICCPCT-2016), Noorul Islam Centre for Higher Education, Kumaracoil, 18- 19 March 2016 [ISBN: 978-1-5090-1277-0].
47	Early, Diagnosis of Bearing Fault in the Inverter Driven Induction Motor by Wavelet Transform	[1].IEEE Int. Conf. on Circuits, Power and Computing Technologies (ICCPCT-2016), Noorul Islam Centre for Higher Education, Kumaracoil on the 18 - 19 March 2016 [ISBN: 978-1-5090-1277-0].

48	Comparison and Performance Analysis of Ring Oscillators and Current-Starved VCO in 180-nm CMOS Technology	2020 International Symposium on Devices, Circuits and Systems (ISDCS)	Er. Vipin Kumar
49	Short-term Load Forecasting using Bootstrap Aggregation based Ensemble Method	2021 7th International Conference on Electrical Energy Systems (ICEES), 2021, pp. 245-249, doi: 10.1109/ICEES51510.2021.9383755.	Er. Jayati Vaish
50	Short Term Load Forecasting using ANN and Ensemble Models Considering Solar Irradiance	2020 International Conference on Electrical and Electronics Engineering (ICE3), 2020, pp. 44-48, doi: 10.1109/ICE348803.2020.9122986.	
51	A New Era in Electricity Production using Renewable Sources	International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 3, Issue 2, February 2013)	
52	Integrating GRID Computing Technology in Modifying Modern Power System	International Journal of Computer Science and Technology (IJCSCT) Vol. 4, Issue Spl - 2, April - June 2013	
53	Power Tracing in a deregulated power system: IEEE-14 bus case	International journal of computer technology and applications. Vol3(3) pp.887-894	Er. Satyavir Singh
54	Impact of FACTS devices on congestion charges in LMP based market	International journal of emerging technologies and advanced engineering, Vol 2(9), sep. 2012, pp. 457-462	
55	Implementation of unified power flow controller for wheeling charges reduction in deregulated power system	Published in international journal of emerging technologies and advanced engineering Vol.3(2), Feb. 2013, pp-707-714	
56	Fractional Frequency Transmission System	published in international journal of emerging technologies and advanced	

57	Power quality improvement of grid connected variable speed wind energy conversion system	Proceeding of international conference on “ Computing communication and Technology IC ⁴ T 2016”	Er. Anil Kumar ,et.al.
58	"Bits Error Rate Calculation Of BPSK And QPSK Using Matlab",	International Journal of Emerging Technologies and Innovative Research (www.jetir.org UGC and issn Approved), ISSN:2349-516259Vol.8, Issue 7, page no. ppd569-d574, July-2021,	
59	“RFID Based Attendance System Using GSM”,	International Journal of Emerging Technologies and Innovative Research (www.jetir.org UGC and issn Approved), ISSN:2349-5162, Vol.8, Issue 8, page no. ppb53-b58, August-2021.	
60	“Transient Response and Load Sharing Improvement in Islanded Microgrids	Microgrids”,International Conference on Industrial Engineering Science and Applications (IESA-14), NIT Durgapur, 2-4 April 2014, ISBN: 978-93-80813-21-1	
61	“Voltage and Frequency Control for Grid Connected Wind/PV Energy Conversion System”,	International Mechanical Engineering Congress (IMEC -2014), NIT Trichy, June 13-15, 2014, ISBN: 978-93-84389-01-7.	
62	“A Comparison of Conventional and Non-Conventional Energy Resources with World Energy Potential”,	International Conference on “RECCON 19”, on 27-28 November, 2019 at Rajkiya Engineering College, Ambedkar Nagar, UP, ISBN: 978-93-89296-42-6.	
63	“Analysis of a Three Phase Induction Motor with Different AC supply”,	“RECCON 19”, on 27-28 November, 2019 at Rajkiya Engineering College, Ambedkar Nagar, UP, ISBN: 978-93-89296-42-6.	
64	“Comparative Analysis of various Modulation Index applied to Cascaded MLI using Selective Harmonic Elimination Technique”,	International Conference on Challenges and Applications in Clean Energy (ICCACE-2020), December 25-26, 2020.	

65	Loss Reduction Method in Distribution System	International Journal of Emerging Technology and Advanced Engineering 2014	Er. Sandhya Shrivastava
66	Regulating voltage of isolated shield wise for tapping power from HVDC transmission line using IVACE to feed small load	National conference on innovation in electrical engg. 2014	Er. Amit Kumar
67	“A Six Phase Induction Generator Connected Stand-Alone Wind Energy Conversion System”	A National Conference on Recent Trends in Energy Systems (NCRTES-2-13), KNIT Sultanpur, 2013	Er. Bhupesh Kumar Pal
68	“Topology of Stand-Alone Wind Energy Conversion System using Six Phase Induction Generator”	A national conference on Electrical Systems & Energy Technologies (ESET-2013), NIT Hamirpur, 2013	
69	“Harmonic Mitigation Using Inverter Based Hybrid Shunt Active Power Filter”	A National Conference on Recent Trends in Energy Systems (NCRTES-2013), KNIT Sultanpur, 2013	
70	“Stand-Alone Wind Energy Conversion System using Six Phase Induction Generator”	7th International Conference on Advance Computing & Communication Technologies (ICACCT-2013), APIIT, Panipat (Haryana)	
71	“Design And Controlling Of Proposed Efficient Boost-Inverter Implemented Using Boost DC-DC Converter”	7th International Conference on Advance Computing & Communication Technologies (ICACCT-2013), APIIT, Panipat (Haryana)	
72	“Performance Comparison of Hybrid Filter by Using Different Compensation Techniques”,	1st National power & Energy system conference (NPESC-2014). KNIT sultanpur, 2014	

73	Solar portable charger for mobile phone device using the solar energy as a source of electric power	International advance research journal in science Engineering and technology	Er. Satyendra Kumar Gupta
74	Modeling and Simulation of 3-phase Voltage and Current Source Inverter Using MATLAB/SIMULINK for various loads	International Journal of Electronics Communication and Computer Engineering, Volume 5, Issue 3, ISSN (Online): 2249-071X, ISSN (Print): 2278-4209.	
75	“A Stand-Alone WECS Using SIX Phase Induction Generator”	7th International Conference On Advance Computing And Communication Technologies (ICACCT-2013), APIT, Panipat (Hariyana).	Braj Kishor Verma
76	“Performance comparison of a VSI and CSI using MATLAB/SIMULINK”	International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 2 Issue 12, December – 2013.	