



Gokaraju Rangaraju Institute of Engineering and Technology
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Bachupally, Nizampet, Hyderabad

Faculty Research Publications

2014 Publications

1. DCK Reddy, **Dr J.Praveen**, "Kalman Filter Based Unified Power Quality Conditioner for Output Regulation", published in international journal on Advances in Electrical and Electronic Engineering, Vol 4, No.3, 2014, Research India Publications PP 247-252. ISSN 2231-1297
2. N.Srinivasa Rao, **Dr J.Praveen**, Dr K.Rajan "A New Multifunctional DVR for Compensation of Voltage Sag", published in International Journal of Electrical, Electronics and Telecommunications Engineering ISSN: 2051-3240, Vol.45, Special Issue.1 – pp 526-531.

2013 Publications

3. Dr.P.Kothari, **Dr J.Praveen**, K.K.Jain, "Modernization of Indian Grid System by Developing Ultrafast Measurement System Known as Synchro Phasors Technology Using GPS in PMU's to Avoid System Failure", published in the proceedings of National Conference on Advanced research methodologies in Electrical Engineering (ARMEE-2013), June 27th & 28th, 2013, Under TEQIP-II, Madanapalle Institute of Technology and Science, Madanapalle, Chittoor, Andhra Pradesh.
4. K Hussain, **Dr J Praveen**, "A Seven Level Cascaded Multilevel Inverter Based Dynamic Voltage Restorer", Published in International Journal of Electrical, Electronics and Telecommunication Engineering, ISSN: 2051-3240, Vol.44, Issue.1, March 2013, pp. 1121-1129.
5. K Hussain, **Dr J Praveen**, "Power Quality Improvement, Thd Analysis Using Dstatcom For Low Voltage System", Published in International Journal of Electrical and Electronics Engineering Research, Volume: 3, Issue: 1, March 31, 2013, pp.175-188.
6. N.Srinivasa Rao, **Dr J.Praveen** "Design and Simulation of New Z Source Inverter for Improving Voltage Quality", published in the International Journal of Electrical and Electronics Engineering Research (IJEEER), Vol.3, Issue 3, Aug 2013, 151-160. ISSN 2250-155X
7. Dr DP Kothari, **Dr J Praveen**, KK Jain " Adoption of Synchrophasor Technology in Indian Grid Failures & Blackouts", presented at Second International conference on Emerging Trends in Engineering, Dr.J.J.Magdum College of Engineering, Jaysingpur, Kolhapur, Maharashtra held on 22nd & 23rd Feb, 2013
8. Dr DP Kothari, **Dr J Praveen**, KK Jain " Adoption of Synchrophasor Technology in Indian Grid Failures & Blackouts", published in the International Journal of International Organization of Scientific Research (IOSR-JECE), 2013 ISBN:2278-8735.PP01-10
9. Dr.P.Kothari, **Dr. J.Praveen**, K.K.Jain, "Modernization of Indian Grid System by Developing Ultrafast Measurement System Known as SynchroPhasors Technology Using GPS in



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

PMU's to Avoid System Failure", published in the proceedings of National Conference on Advanced research methodologies in Electrical Engineering (ARMEE-2013), June 27th & 28th, 2013, Under TEQIP-II, Madanapalle Institute of Technology and Science, Madanapalle, Chittoor, Andhra Pradesh.

10. **D.V.Pushpalatha, P.SrividyaDevi, P.M.Sarma**, "Measurement of power and energy using Arduino", Research Journal of Engineering Sciences, ISSN 2278-9472, Vol. **2(10)**, 10-15, October (**2013**).
11. **D.V.Pushpalatha**, K R Sudha, Swati Devabhaktuni, "Millenium3 PLC based Temperature Control using LM35", Research Journal of Engineering Sciences, ISSN 2278-9472, Vol.2(6), Page 1-7, June, 2013
12. **D.V.Pushpalatha**, K.R.Sudha, Swati Devabhaktuni, "PLC based Smart Street Lighting Control", International Journal of Intelligent Systems and Applications (IJISA), ISSN: 2074-9058 , DOI: 10.5815/ijisa.2014.01.08, page no. 64-72, Impact factor 3.5
13. **D.V.Pushpalatha**, Swati Devabhaktuni, "On line speed control of PMDC motor using Auto tuning PID through LabVIEW", International Journal of Electronics and Electrical Engineering (IJEET), ISSN: 2301-380X, Vol. 1, No. 4, December, 2013, Engineering and Technology Publishing doi: 10.12720/ijeet.1.4.230-235, Impact Factor 2.2.
14. Swati Devabhaktuni, **D.V.Pushpalatha**, "Soil Moisture and Temperature sensor based intelligent irrigation water pump controlling system using PIC 16F72 Microcontroller", (IJETED), RS Publication, ISSN:2249-6149 , Issue 3, Vol. 4 , Page No.101-107, July, 2013, Impact Factor 2.87.
15. **D.V.Pushpalatha**, "Simulation of PLC based Smart Street Lighting Control using LDR", IJLTET, ISSN: 2278-621X, Issue 4, Vol.2, Page No. 113-121, July, 2013.
16. **Dr.D.V.Pushpa Latha, M.Rekha**, Dr. K.R.Sudha, "System identification of dc motor-generator set using matlab/labview", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, May, 2013.
17. Swati Devabhaktuni , **Dr.D.V.Pushpa Latha** , "Speed control of separately excited d.c motor using chopper", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, May, 2013
18. **Dr.D.V.Pushpa Latha** , Dr.K.R.Sudha, Swati Devabhaktuni , "Labview Based Temperature Control Using LM 35", National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, May, 2013.
19. Ch.Ravi Kumar, K.R.Sudha, **D.V.Pushpalatha**, Ch.V.N.Raja, "Fuzzy CMeans Controller for a PUMA-560-Robot manipulator", IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions, CIS 2013, IIT Kanpur, India, pp. 57-62, July 2013



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

20. **J.Sridevi**, "A new active power factor correction using boost converter", International science congress association research journal of engineering, ISSN:2278-9472, Vol2(8), pp-7-11, Aug, 2013.
21. **V.V.S.Madhuri, P.Mallikarjuna Sarma, M.N.SandhyaRani**, "Automatic Street Lighting using PLC", International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN: 2278-621X, PP no.353 to 357, Vol. 2, Issue 4, July 2013.
22. **V.V.S.Madhuri, P.Mallikarjuna Sarma, M.Chakravarthy** "Automatic Solar tracking using Crouzet Millenium PLC" International journal of latest trends in engineering and technology, Vol.2, Issue 4, July 2013, ISSN2278-621X.
23. **A.Vinaykumar, Dr.J.Praveen**, Dr.S.TaraKalyani "Various power Quality issues :Measurement of Flicker and Mitigation of Voltage sag" An International Conference on Intelligent and Efficient Electrical Systems conducted at PSG college of technology Coimbatore, 12-14 Dec 2013
24. **Vinaykumar.A, Dr.J.Praveen**, Dr.S.Tarakalyani "Measurement of Voltage Filcker and Mitigation of Voltage Sag to improvise the power Quality" presented at National Conference on "Power Quality and Industrial Drives" conducted by Sreenidhi Institute of Science and Technology ,Hyderabad, July12-13th 2013
25. **G.Swapna, V.Himabindu, P.M.Sarma, M.Chakravarthy** "Hardware implementation of single phase Inverter" International journal of engineering trends and technology, Volume 4, Issue 8, August 2013, ISSN2231-5381.
26. Shiva Kumar, **P. Prashanth Kumar**, "Development and Testing of Non-Isolated Boost Converter" International Journal of Engineering Research and Technology (IJERT), ISSN:2278-0181, Vol. 2 , Issue 8 , August- 2013.
27. **D. Anusha, PM.Sarma, M.N. SandhyaRani**, "Appliance Remote Control Using Arduino" International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN: 2278-621X, Page no. 35 to 41, Vol. 2 , Issue 4 , July 2013.

2012 Publications

28. K Hussain, **Dr J Praveen**, " POWER QUALITY ENHANCEMENT USING VSC BASED DSTATCOM", research paper has been accepted for publication in the International Journal of Engineering and Technology, ISSN 2049 3444, Vol 2, No.1, January ,2012 pp 93- 98
29. **Dr J Praveen**, "Digital Control System applications in Improvement of Power Quality- Digital Simulation of Dynamic Voltage Restorer", presented at a two day National level workshop on Control Systems applications to Power Electronics Drives and Systems- (CSPEDS-2012) on 31st March-1st April 2012, under TEQIP-II held at Malla Reddy Engineering College, Secunderabad.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

30. **Dr J Praveen**, “Direct Power Control Strategy in the DVR for enhancing power quality” presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.
31. Rajender Reddy K, **Dr J Praveen**, M.Sushma “Simulation Study of Indirect Current Control Technique for Shunt Active Filter” presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.
32. KK Jain, **Dr J Praveen**, “Synchro Phasor Technology Adoption in Indian Grid System” presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19, 2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.
33. K Roopa, **Dr J Praveen**, Dr S Tara Kalyani, “DPFC for Power flow Control in Transmission System” presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.
34. **A Vinay Kumar, Dr J Praveen**, Dr S Tara Kalyani, “Adoption of Direct Power Control Strategy for Enhancement of Dynamic Voltage Restorer” presented at a National Conference on Electrical Power Engineering and Industrial Drives during May 18-19,2012 Organized by Sreenidhi Institute of Science and Technology (Autonomous), Hyderabad.
35. P.N.K Sreelatha, **Dr. J.Praveen**, Dr V.Kamaraju, ‘Effect of Unsymmetrical faults on Distribution lines with Different Line X/R ratios and Voltage Restoration using DVR with Space Vector Control’ published in the proceedings of International Conference on Computing, Electronics and Electrical Technologies-ICCEET-2012 held on 21-22 March,2012 organized by Noorul Islam Centre for Higher Education, Kumaracoil, Thuckalay, Tamilnadu. Pp.14
36. P.N.K Sreelatha, **Dr.J.Praveen**, Dr. V.Kamaraju, ‘ Voltage Restoration with D-Statcom Under Unsymmetrical Faults on Distribution Lines with variable X/R’, published in International Conference on recent Technology-2012, 9-11, February, Organized by Institute of Knowledge College of Engineering, Pune. Pp-E-60
37. Rajender Reddy K, **Dr J Praveen**, M.Sushma “Simulation Study of Indirect Current Control Technique for Shunt Active Filter”, published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1,Number-2, July-Aug,2012. **ISSN 2231-590X** page no’s 152-158.
38. K Roopa, **Dr J Praveen**, Dr S Tara Kalyani, “DPFC for Power flow Control in Transmission System”, published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1,Number-2, July-Aug,2012. **ISSN 2231-590X** page no’s 178-185.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

39. **A. Vinay Kumar, Dr J Praveen**, Dr S Tara Kalyani, “Adoption of Direct Power Control Strategy for Enhancement of Dynamic Voltage Restorer”, published in National Journal on Electrical Power Engineering and Industrial Drives (NJEPEID) Volume-1, Number-2, July-Aug, 2012. ISSN 2231-590X page no's 200-205.
40. Ch.Ravi Kumar, K.R.Sudha, **D.V.Pushpa Latha**, “Modelling and control of 5DOF Robot Arm using Neuro-Fuzzy Controller”, International Journal of Engineering Research & Technology (IJERT), Vol. 1 Issue 7, September 2012, ISSN: 2278-0181, Page no.1-8, Impact factor 1.76.
41. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “Impact of FACTS devices on Zonal Congestion Management in Deregulated Power System”, Innovative Systems Design and Engineering, IISTE, Vol 3, No 1, 2012.
42. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “Optimal Location of FACTS Devices for Zonal Congestion Management under Contingency”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 7, Number 6 (2012) pp. 599-611.
43. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “Role of FACTS Devices on Zonal Congestion Management Ensuring Voltage Stability under Contingency”, International Journal of Advances in Engineering & Technology, Vol. 3, Issue 2, pp, 635-641, May 2012.
44. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “ Zonal Power Quality improvement using Static Var Compensator for an Indian Utility System”, International Journal of Engineering Research and Applications (IJERA) , Vol. 2, Issue 3, May-Jun 2012, pp. 1320-1325.
45. K.Anuradha, **G.Sandhyarani**, “Spectral Analysis of Inverter output voltage waveform using different PWM techniques”, National conference on Electrical Power and Industrial Drives on May 18-19, 2012
46. **M.Rekha** ,K.P Swaroop A paper titled “An Electromagnetic Vibrational Energy Harvesting Using Boost and Buck Boost Converter Published in Vol.1 Issue 7 IJERT Journal
47. **V.Vijaya Rama Raju, M.Chakravarthy, P.M.Sarma, and Dr.S.N.Saxena** “Reactive Power Compensation of Grid using DFIG”, Proc. Of National Conference on Special Electrical Machines & Systems, 16-17 February, 2010, BHEL Corporate R&D Division, Hyderabad, A.P., India.
48. **M.Chakravarthy, V.Vijaya Rama Raju, P.M.Sarma, and Dr.S.N.Saxena** “Automation of Testing Procedure for Electrical Machines Using PLC”, Proc. Of National Conference on Special Electrical Machines & Systems, 16-17 February, 2010, BHEL Corporate R&D Division, Hyderabad, A.P., India.
49. **Dr.D.V.Pushpa Latha**, Dr.K.R.Sudha, Ch.Ravi Kumar, “Modelling and control of 5DOF Robot Arm using Neuro-Fuzzy Controller”, National Conference on Contemporary control and Soft computing in Electrical Engineering, Andhra University, Visakhapatnam, 30-31, May, 2012



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

50. **M.Chakravarthy, Dr.S.N.Saxena**, Dr.B.V.Sanker Ram “Control of Shunt Active Power Filter in a Power system using MATLAB/SIMULINK” International journal of Advanced Research in Computer science and Electronics Engineering (IJARCSEE), VOL 1,Issue 7, September-2012, pp.226-237.
51. **M.Chakravarthy, Dr.S.N.Saxena**, Dr.B.V.Sanker Ram “ Control of shunt Active power Filter using Labview” International journal of Engineering and Innovative Technology (IJEIT),VOL-2, Issue-3,September-2012, pp-358-365.
52. **M.Chakravarthy, Dr.S.N.Saxena**, Dr.B.V.Sanker Ram “Simulation of Shunt Active Power Filter using Hysteresis Current Control Technique” International Journal of Electrical Engineering.ISSN 0974-2158 Volume 5, Number 1 (2012), pp. 37-47
53. **Swati Devabhaktuni**,S.V.Jayaram Kumar,” Vector Control Of Wind Driven Self Excited Induction Generator Connected To Grid Using Twenty Four Pulse AC-DC Converter Employing Pulse Doubling Technique”, IISTE Control Theory and Informatics , Vol 2, No.1, pp 33-42,2012.
54. **Devabhaktuni**,S.V.Jayaram Kumar,” Stator Flux Oriented Vector Control Of Wind Driven Self Excited Induction Generator Connected To Grid Through Cycloconverter”, IISTE Innovative Systems Design and Engineering, Vol 3, No 1, pp 70-77,2012.
55. **Swati Devabhaktuni**,S.V.Jayaram Kumar,” Selection of Capacitors for the Self Excited Slip ring Induction Generator with External Rotor Capacitance”,IISTE Journal of Energy Technologies and Policy, Vol 2, No.2,pp 66-77, 2012
56. **Swati Devabhaktuni**,S.V.Jayaram Kumar,” Different Self Excitation Techniques for Slip Ring Self Excited Induction Generator”, International Journal of Computer Applications) Volume 38,No2,pp 19-26,January 2012
57. **Swati Devabhaktuni**,S.V.Jayaram Kumar,” Modeling and Analysis of Wind turbine Driven Self-Excited Induction Generator Connected to Grid Interface with Multilevel H-Bridge Inverter”, IISTE Journal of Energy Technologies and Policy ,Vol.2, No.2,pp 54-65,2012.
58. **Swati Devabhaktuni**,S.V.Jayaram Kumar,” Power Flow Analysis Of Self-Excited Induction Generator Driven At Variable Wind Speeds”, International Journal of Advanced Engineering Research and Studies,Vo-1,No-2,pp 21-25,Jan2012.
59. **Swati Devabhaktuni**,S.V.Jayaram Kumar,” Stator flux oriented vector control of wind driven self-excited induction generator using twelve pulse AC-DC converter employing pulse doubling technique”, International Journal Of Computer Application, Issue 2,Volume 3,Jun-2012.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

2011 Publications

60. **Dr J Praveen, A Vinay Kumar**, “Power Quality Improvement with Dynamic Voltage Restorer using Direct Power Control Strategies” published in International Journal of Electrical, Electronics and Computing Technology pp 20-25 Volume -1, Issue-2, January-April 2011. ISSN 2229-3027.
61. **Dr J Praveen**, “Power Quality with Dynamic Voltage Restorer using different PWM patterns”, presented at a two day faculty development workshop Feb12 &13th, Dept. Of Electrical and Electronics Engineering, Malla Reddy Engineering College.
62. **Dr J Praveen**, “ Overview on power quality, Simulation and validation of custom power devises”, presented at a one day workshop on Recent Trends in Power Systems on 25th July, 2011 at, Hi-Tech College of Engineering and Technology, Hyderabad-75
63. **Dr J Praveen**, “Latest Simulation tools for power electronics and power quality improvement devices design an overview”, presented at International Accreditation Council for Quality in Education and Research (IACQER) nodal research center on 29th July,2011 at Swarnandhra College of Engineering and Technology, Narsapur, W.G.Dist. A.P
64. **Dr J Praveen**, “Fault analysis to mitigate voltage depression using new simulation schemes and design of custom power devices”, presented at International Accreditation Council for Quality in Education and Research (IACQER) nodal research center on 30th July,2011 at Raghu Engineering College, Visakhapatnam, A.P
65. **Dr J Praveen**, “Space vector PWM controlled Dynamic Voltage Restorer to mitigate missing voltage”, presented one day workshop on power quality on 16th Sept,2011 at Narshimha Reddy Engineering College Maisamma Guda, Dhualapally, Secunderabad 500 014
66. **Dr J.Praveen**, “Recent trends and advancements in Custom Power Devices and FACTS”, presented at one day workshop on Power Quality on 27th Oct, 2011, Department of Electrical and Electronics Engineering, Hyderabad Institute of Technology and Management(HITAM, Formerly Royal College of Engineering.) Medchal, (R.R. Dist.), Hyderabad-501401.
67. PNK Sreelatha, **Dr J Praveen**, Dr V Kamaraju,” Voltage Sag Compensation with DVR for Different types of faults at a remote place on a remote feeder”, accepted for presentation at Eight Control Instrumentation System **International Conference** CISCON-2011, Modeling and Simulation in Engineering Applications , 3-6th November, Manipal Institute of Technology, Manipal, Karnataka.
68. **Dr J.Praveen**, “Overview on Custom Power Devices and Flexible AC transmission systems”, presented at Azura 2011, 29th and 30th two day conference Department of Electrical and Electronics Engineering, CMR College of Engineering and Technology, Medchal road , Hyderabad-501401.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

69. **Vinay Kumar A, Dr. J.Praveen**,” Digital Simulation of Dynamic Voltage Restorer using Direct Power Control Strategy”, presented at 2nd International Conference on Nanotechnology and Biosensors (ICNB-2,2011) on 27th and 28th December, 2011 organized by IACQER at Raghu Engineering College.
70. **Dr. J.Praveen** , K.K.Jain “Power generation in India :Vision year 2022 & Expected contribution of Nuclear power and safe its waste disposal methods” paper has been selected for Poster display during the 98th Indian Science Congress [www.isc2011.in] to be held in SRM University, Kattankulathur, Tamilnadu from January 3 to 7, 2011.
71. Dr.K.R.Sudha, **Dr.D.V.Pushpa Latha** , “Design of Adaptive Controller for a robot gripper using Support Vector Regression”, International Journal of Computational Intelligence and Information Security, March 2011, vol.2, No.3.
72. **Dr.D.V.Pushpa Latha**, Dr.K.R.Sudha, “RBF Kernel Support Vector Regression based controller for a Robot Gripper”, Journal Of Computing, Vol.3, Issue 3, March 2011, ISSN 2151-9617, Pageno.107-111.
73. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “Congestion Management and ATC Enhancement with optimal location of FACTS devices using Sensitivity indices”, International Review on Modelling and Simulations (I.RE.MO.S), Vol.4, N.4, August 2011.
74. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “Influence of FACTS Devices on Congestion Management in Deregulated Power System”, ICGST-ACSE Journal, Volume 11, Issue 2, November 2011.
75. **J. Sridevi**, Dr. J. Amarnath, Dr. G. Govinda Rao, “Comparison of Voltage Stability by optimal location of TCSC and SVC using Loss Sensitivity Method under Contingencies”, International Review on Modelling and Simulations (I.RE.MO.S), Vol.4, N.4, October 2011.
76. **M.Chakravarthy,Dr.S.N.Saxena** “COMPARATIVE STUDIES OF DIFFERENT CONTROL STRATEGIESFOR SHUNT ACTIVE FILTER”ARPN Journal of Engineering and Applied Sciences, VOL. 6, NO. 11, NOVEMBER 2011, ISSN 1819-6608.
77. **Swati Devabhaktuni**,Dr.S.V.Jayaram Kumar,” Stator Flux Oriented Vector Control Of Wind Driven Self Excited Induction Generator Using Eighteen Pulse Ac-Dc Converter Employing Pulse Doubling Technique”,International Journal of Advances in Science and Technology,Vol 3.,No.5,pp 114-121,Nov-2011.
78. **Swati Devabhaktuni**,Dr.S.V.Jayaram Kumar,” Impact of Power Factor Control Loop at Rectifier Unit on Wind Turbine Driven Self-Excited Induction Generator Connected to Grid”, IACSIT International Journal of Engineering and Technology, Vol. 3, No. 6, pp 651-657,December 2011.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

79. **Swati Devabhaktuni**, Dr.S.V.Jayaram Kumar, "Impact of Power Factor Control Loop at Rectifier Unit on Wind Turbine Driven Self-Excited Induction Generator Connected to Grid", IACSIT International Journal of Engineering and Technology, Vol. 3, No. 6, pp 651-657, December 2011.
80. **Swati Devabhaktuni**, Dr.S.V.Jayaram Kumar, "Analysis Of Wind Driven Self Excited Induction Generator Connected To Grid Interface With Multi Level Inverter", International Journal of Science & Technology, Vol. 1 Issue 2, pp 19-25, Dec 2011.
81. **Swati Devabhaktuni**, Dr.S.V.Jayaram Kumar, "Transient Analysis of Wind Driven Self-Excited Induction Generator under Different Fault Conditions", International Journal of Engineering Research and Applications , Vol. 1, Issue 3, pp. 1471-1478, 2011.

2010 Publications

82. **Dr.J.Praveen**, K.K. Jain, "Electricity-HVDC-Challenges" Published in the proceedings of 97th Indian Science Congress, 2-7th Jan 2010, Thiruvananthapuram, Kerala, India.
83. **Dr.J.Praveen**, K.K. Jain, "Power Quality Issues-Suggested Solutions" Published in the proceedings of 97th Indian Science Congress, 2-7th Jan 2010, Thiruvananthapuram, Kerala, India
84. **Dr. J.Praveen**, "Advanced technologies in custom power devices and Power Quality", Presented Expert Lecture at a two day state level technical paper contest YATNA-2K10 at Dept. Of Electrical Engineering, Nalla Malla Reddy Engineering College, Divya Nagar, Hyderabad, 26th & 27th March, 2010.
85. **Dr. J.Praveen**, "Latest trends in custom power devices and Power Quality", Presented Expert Lecture at a one day National level workshop on Advanced Trends in Power System Security & Power Quality ATPSPQ-2010 at Dept. Of Electrical Engineering, Vignan Institute of Technology and science, Deshmukhi, Hyderabad, 9th July, 2010.
86. **Dr. J.Praveen**, "Direct Power Control Strategies for dynamic voltage restore and its application in improving power quality" presented at a two day National Workshop on Recent Advances in Power Systems & Power Electronics, 3rd - 4th September, 2010 Sponsored by ISTE & Guru Nanak Engineering College, Hyderabad.
87. **Dr J Praveen , A Vinay Kumar**, "Adoption of Direct Power Control Strategy And Dynamic Voltage Restorer for Improvement of Power Quality" presented at IETE sponsored National Conference on Emerging Trends in Engineering & Applications (NCETETA-2010) to be held on 12th & 13th November, 2010 at Shirdi Sai Engineering College, Bengaluru.
88. **Dr J Praveen**, "Emerging trends in monitoring and restoring power quality and design and simulation of Dynamic voltage restorer" presented at a workshop organized at Srinidhi Institute of Science and Technology, 23rd December 2010, Hyderabad.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

89. B.Chitti Babu, **B.Vasantha Reddy**, K.B.Mohanty, "A Novel Delta Modulator and Modified Ramp Type Current Controller-Two Viable Scheme for Current Controlled Voltage Source Inverter" international journal of computer applications, Issn- 09758887, Year 2010, vol: 1, issue: 3, pages: 48-54.
90. M.Sunil Kumar, **B.Vasanth Reddy** "Comparative Analysis Hysteresis and Ramp Type Current Controllers for Grid Connected VSI" International Journal of Instrumentation, Control and Automation (IJICA), ISSN: 2231-1890.Vol -1 Issue 2.
91. **P.Srividyadevi**, G.N.Sreenivas 'A Novel Implementation of Pspice Modelling for Reliability Analysis of Distribution System' VOL 6..NO 2 pp 167-176..IN SEPT 2010 CPRI JOURNAL.
92. **B.Vasantha Reddy**, B.Chitti Babu "A Decoupled Control of Grid Connected Voltage Source Inverter for Wind Power Generating Systems" 5th international conference on power electronics and machine drives (PEMD-2010), 19 April 2010.
93. **B.Vasantha Reddy**, B.Chitti Babu, K.B.Mohanty, A.K.Panda, "Synchronous Virtual Grid Flux Oriented Control of Grid Side Converter for Distributed Power Generation System" 4th National Power Electronics Conference, NPEC-2010, 10-13 June 2010, IIT Roorkee.
94. **B.Vasanth Reddy**, B.Chitti Babu, "Analysis of different current controlling techniques for VSI". AICTE sponsored Emerging Technological Trends National Level Conference, NCETT-2010.
95. K.Giridharan,**D.Anusha**,C., "An Analysis ,Simulation and Control of Permanent Magnet BLDC Drive" Internaional Conference on Electrical Power and Energy Systems(ICEPES) on Aug 26-28,2010.

2009 Publication

96. S.Venkateshwarlu, Dr.B.P.Muni, Dr.A.D.Rajkumar, and **Dr.J.Praveen** "Direct Power Control Strategies For Multilevel Inverter Based Custom Power Devices" published in the International Journal of Electrical and Systems Science, and Engineering, Volume 1 Number 2 , Page no. 94-102.Year 2009
97. S.Venkateshwarlu, Dr.B.P.Muni,Dr. A.D.Rajkumar, and **Dr.J.Praveen** " Virtual Flux Direct Power Control using Space Vector Modulation" , accepted for publication in the International Journal of Electrical and Systems. Year 2009
98. K.K.Jain, **Dr.J. Praveen**, and Dr. Pradeep Nirgude, " Today's Waste Tomorrow's Fuel-Hyderabad to get 50MW from Garbage(MSW)- An Energy Recovery from MSW Management" published in the proceedings of National Conference on Power Electronics and Renewable Energy Systems PEARES-2009,March-2009, SSN College of Engineering, Kalavakkam, Chennai.



Gokaraju Rangaraju Institute of Engineering and Technology

(An Autonomous Institute under JNTUH)

Bachupally, Nizampet, Hyderabad

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Bachupally, Nizampet, Hyderabad

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Bachupally, Nizampet, Hyderabad

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