

PUBLICATIONS

a. International Journal – Papers Published

1. M.S.Shashikala, K.L.Puttabuddhi, M.S.Balasundarum “ Priortising the distribution feeders using Demand side Management (DSM) Controllability Index and Feeder Performance Index” IETECH Journal of Electrical Analysis,2010.Vol:4,No:2,PP:046-054. Impact Factor: 3.289.
2. M S Shashikala , Dr K L Puttabuddhi and Savitha P B “Modelling of Photovoltaic Cell/Module under environmental disturbance using MATLAB/SIMULINK”, International Journal of Engineering Trends and Technology (IJETT) Journal, pg 48-55, volume -9 No -1 March 2014, DOI 10.14445/22315381/IJETT-V9P210. Impact Factor: 2.88.
3. M S Shashikala , Dr K L Puttabuddhi and Ms.Savitha P B “ Modelling of 250WP Photovoltaic Module and its performance analysis using MATLAB/SIMULINK” International Journal of Electrical ,Electronics and Data Communication, ISSN:2320-2084 Vol-2,Issue- 7,July 2014.Impact Factor: 3.46.
4. Dr M S Shashikala, Janardhana S “Smart Meter Parameters for smart Grid” International Journal of Research in Engineering and Technology Volume 05 Issue: 03/Mar /2016, Available@ <http://ijret.org>. Impact Factor: 3.935.
5. Dr.M.S.Shashikala, Ms.Apoorva.G.K, Mr.Savyasachi.G.K. ”Comaparative Study of Different Types of Asymmetrical Multi-Level Inverter" published in “International Journal of Engineering Research & Technology (IJERT)” in the month of July 2017. Impact Factor: 3.89.

6. M S Shashikala, Preetham D S “Experimental study on miniature fabricated model of Maglev Wind turbine” World Journal of Engineering Research and Technology ,wjert, 2018, Vol. 4, Issue 1, 428-436.Impact Factor:4.326.

b. National Journal – Papers Published

1. M.S.Shashikala, Dr.K.L.Puttabuddhi, Dr.B.S.V Bhargav titled “The Application of Total Quality Management in Power Sector Management” Feb 2008 Edition in “Electrical India”pp 58-69.
2. M.S.Shashikala, Dr.K.L.Puttabuddhi, M.S.Balasundarum titled “Optimizing power quality & reliability costs using Demand side Management” May 2008 Edition in “Electrical India“ pp 46-56.
3. Dr.M.S.shashikala, Ruksar, titled “Reducing heat rate of coal fired power plant “has been published in May 2011 Edition in “Electrical India“ pp 36 - 38.
4. Dr.M.S.Shashikala H.K.Ramesha titled “Substation expansion planning –A case study Of Mysore grid Connectivity” has been published in August 2012 Edition in “Electrical India”pp 52- 56.
5. Dr.M.S.Shashikala Er.K.R.Lakshmikantha,B.G.Titu. titled “Feasibility of High voltage Distribution System in Urban areas ” has been published in December 2012 Edition in “Electrical India” pp 38-52.
- 6.Dr.M.S.Shashikala Kiran Kumar R.B titled “Advanced Metering Infrastructure Systems”has been published in March 2013 Edition in “Electrical India”pp 94-97.
7. Dr.M.S.Shashikala, Shishir Patne “Technological issues in Advancement of smart meters against tampering” has been published in “Electrical India” in July 2013.

8. Dr.M.S.Shashikala, Shivanand titled " Improvement of reliability of power supply in distribution system" has been published in "Electrical India" in Feb 2014.
- 9.Dr.M.S.Shashikala and Preetham D S authored a research paper titled "Wind Power Generation Using Maglev Technology" published in "Electrical India" in the month of Oct 2016.

c. International Conference - Papers Presented

1. M.S.Shashikala, Thomas. A, B.G.Sangamehswara, Chandrashekar.M.S, " A Computer code for solar steam generating system",International Conference on Mathematical modelling of process in Energy systems, organized by the international centre for heat and mass transfer, BELGRADE, YUGOSLOVIA.March 20-24,1989.
2. M.S.Shashikala, Thomas. A, B.G.Sangamehswara, "Computer code for Solar Industrial Process Heat System", ICHMT 2nd International Forum on Expert Systems and Computer Simulation in Energy Engineering,University of Erlangen 17-20 March 1992.
3. M.S.Shashikala, Dr.K.L.Puttabuddhi, M.S.Balasundarum,"Water and energy conservation in rural area" International conference on Water And Health (WAH 2005) held at Sri Jayachamarajendra College of Engineering, Mysore on 22nd and 23rd January 2005.
4. M.S.Shashikala, Dr.K.L.Puttabuddhi, M.S.Balasundarum, "An Integrated approach to power quality & reliability" IEEE Annual Symposium on Technological advances in IT Application in Indian Power Sector held during 24th & 25th Nov 2005 at CPRI Bangalore.

5. M.S.Shashikala, Dr.T.R.Srinivas, Dr.B.S.V Bhargav, "The New Quality Model of "Knowledge management and human relations" addressing TQM objectives in manufacturing industries" 17th International conference on Flexible Automation and intelligent manufacturing (FAIM) Philadelphia, USA, during 17th to 21st June 2007.
6. M.S.Shashikala, Dr.K.L.Puttabuddhi, Dr.B.S.V Bhargav, Dr.T.R.Srinivas "Six Sigma System as applied to Technical Education" 17th International conference on Flexible Automation and intelligent manufacturing (FAIM 2007) Philadelphia, USA, during 17th to 21st June 2007.
7. M.S.Shashikala, Dr.K.L.Puttabuddhi, Dr.B.S.VBhargav, Dr.T.R.Srinivas, "The application of Total Quality Management (TQM) to power sector management – sharing "NEW thoughts" International Conference conducted by International Academy of Management & Business (IAMB) 2008 at San Diego, USA, during Jan 28th – 30th 2008.
8. M.S.Shashikala, Savitha Pandurangi, "Modeling and Design of Three Phase Grid Connected Photovoltaic System to provide Quality Power to Grid" CIPECH-2016 Computational Intelligence on Power Energy and Control with their Impact on Humanity. (Technical Sponsored by IEEE UP section) on 18th and 19th Nov 2016 at KIET Ghaziabad.
9. M.S.Shashikala, S.Janardhana, "Challenges of smart meter System" GSSS Conference (IEEE_ICEECCOT2016) will be held on 9th and 10th Dec 2016, Mysuru. Impact Factor: 9.237.
- 10.M.S.Shashikala, Savitha Pandurangi, "Modeling of Photovoltaic Array and Control of grid connected Photovoltaic system to provide quality

power to grid” GSSS Conference (IEEE_ICEECCOT2016) will be held on 9th and 10th Dec 2016,Mysuru. Impact Factor: 9.237

- 11.Dr. M S Shashikala, Apoorva G K, Savyasachi G K Title “ DC to DC converters integrated with asymmetrical multi level inverter for solar PV application “.Published for an international conference on recent trends in computers, Electrical and Electronics and communication held on 8-9 Sep 2017 at Vidyavardhaka college of engineering with IEEE Bangalore Section. Impact Factor: 9.237

d. National Conference - Papers Presented

1. M.S.Shashikala, Dr.K.L.Puttabuddhi, M.S.Balasundarum, “Improvement in Performance of a Rural Distribution System” National conference on “Management of Power sector for sustainable development” held during October 7th -9th 2004 at University of Hyderabad”.
2. M.S.Shashikala, Dr.K.L.Puttabuddhi, M.S.Balasundarum,” Efficiency Improvements and Energy conservation in rural Distribution systems “National Conference on “Non Conventional Renewable Energy Resources” on November 5, 2004 Organized by Dayananda Sagar College of Engineering Bangalore-7.
3. M.S.Shashikala, Dr.K.L.Puttabuddhi, M.S.Balasundarum “ Study report on metering Billing and Collection in an Electrical Distribution System in rural Karnataka” National conference on “Reforms of Electricity distribution “on 27th Nov 2005 , organized by Karnataka Electricity Board Engineers Association.