



P E S COLLEGE OF ENGINEERING, MANDYA
(An Autonomous Institution under VTU, Belagavi)
DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

Paper Publication details

NAME: Dr. B.Ramachandra

Designation: Professor

List of publications

2016

International Journals

1. L. Sanjeev Kumar, B.Ramachandra, S. Senthil Kumar “Comparison of PCCC Performance in Presence of Mercaptans and DBDS Sulfur in Transformer Oil Using \emptyset -t-N Technique” International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering Vol. 4, Issue 1, January 2016 pp 64-67
2. Dr. B Ramachandra, Umesh D. R “Big Data Analytics to Predict Breast Cancer Recurrence on SEER Dataset using MapReduce Approach” International Journal of Computer Application, Vol. 150 Number 7, September 2016. [ISBN : 973-93-80894-43-8], **PP 7-11**
3. Umesh D. R, B. Ramachandra Parallel Computing to Predict Breast Cancer Recurrence on SEER Dataset using Map-Reduce Approach International Journal of Computer Applications (0975 – 8887) Volume 149 – No.12, **page no 31-35**,September 2016
4. Sunil Kumar C, B.Ramachandra “PD Analysis in Cubical Void With Respect to Geometry of the Void” International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISO 3297:2007 Certified Vol. 4, Issue 10, October 2016 **PP 26-31**
5. Sunil Kumar C, B.Ramachandra “Comparison of PD Activity in Cylindrical and Cubical Void using MATLAB Simulink” International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISO 3297:2007 Certified Vol. 4, Issue 10, October 2016 **pp 32-37**

6. C Sunil Kumar, Dr. B. Ramachandra, Manohara H C “PD Analysis in Cylindrical Void With Respect To of the Void” International Journal of Innovative Research in Science, Engineering and Technology Vol. 5, Issue 12, December 2016, **PP 20502-20510**

International Conferences

7. Dr.B.Ramachandra, L Snajeev Kumar Dr. S Senthilkumar “Investigation of model transformer insulation behaviour during PD activity in Di-Benzo-Di-Sulfide Sulphur contaminated transformer oil using online tandelsts measurement” IEEE International Power Modulator and High voltage conference, San Francisco, CA July 5 – 9, 2016
8. Dr.B.Ramachandra, L Snajeev Kumar Dr. S Senthilkumar “PD Pulse sequence studies with model transformer insulation in Mercaptans contaminated transformer oil” IEEE International Power Modulator and High voltage conference, San Francisco, CA July 5 – 9, 2016

2015

International Conferences

9. Dr.B.Ramachandra, D R Umesh “Association rule /mining based predicting breast cancer recurrence on SEER breast cancer data” International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015
10. Dr. B Ramachandra, L Sanjeev Kumar, S Sentil Kumar “Online Tan- Δ Measurement, Change In Insulation Property of Pccc In Transformer Oil Subject to Sulfur Contamination” International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015
11. Dr.B.RamachandraL L Snajeev Kumar, Dr. S Senthilkumar “Performance of PCCC In Presence of Mercaptans In Transformer Oil Using \emptyset -T-N Technique”International Conference Power and Advanced Control Engineerig-2015, BNMIT- Bangalore Date of Conference : 12th – 14th August 2015 ISBN:978-1-4799-8370-4

2012

National Journals

12. Dr.B.Ramachandra,Usha A Joshi,Dr. M.S. Dharmaprakash, 21-22 December, 2012,”

Design and Development of Bio-Signal Conditioning and Processing Electronic System by Employing AD-549 and LabVIEW” published in Springer LNEE Journal.

International Conferences

13. Dr.B.Ramachandra,Usha A Joshi,Dr. M.S. Dharmaprakash, December, 2012.” Design and Development of Bio-Signal Conditioning and Processing Electronic System by Employing AD-549 and LabVIEW” International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT-12).
14. Dr.B.Ramachandra,V. Nageshwar Rao, 24th to 28th July 2012.” Application of RVM technique to study the polarization and De-polarization characteristics associated with thermal ageing of Epoxy-Mica composite” IEEE, International conference on properties and application of dielectric materials (ICPDAM), Bangalore, India.

2011

International Journals.

15. Dr.B.Ramachandra,Usha A Joshi. October-2011.” Optimized Design of Bio-Sensor using Conducting Polymers and NANO-Composites” IJEST (International Journal of Engineering, Science and Technology) Journal, ISSN: 0975-5462: (Page No : 3392-3403) Vol. 3 No. 4.
16. Dr.B.Ramachandra, Usha A Joshi “Design of Bio-Sensor for Leukocyte counts for real time Applications using Conducting Polymers and NANO-Composites” NAROSA, Publications Journal, ISBN :978-81-8487-160-9, Page No :108-111- Jan 2011

National Journals

17. Dr.B.Ramachandra, Usha A Joshi, 2011.” Design of Bio-Sensor for Leukocyte counts for real time Applications using Conducting Polymers and NANO-Composites” NAROSA Publications Journal, ISBN :978-81-8487-160-9, Page No :108-111

International Conferences

18. Dr.B.Ramachandra,V. Nageshwar Rao,.” A Study on application of Low frequency techniques for assessment of stator winding insulation” ISH, Conference,Hanover, Germany. 22nd to 26th August 2011

2010

National Journals

19. Dr.B.Ramachandra.,B. Nageshwar Rao,Sudhindra A,Mallikarjunappa K,Keri C D,Afzal Ahamed T R, March 2010. "Assessment of stator winding Insulation Part 2 – Tests on In-service Machines "The Journal of Central Power Research Institute, Vol.6,No.1 March 2010, pg.no.77-85.
20. Dr.B.Ramachandra.,B. Nageshwar Rao,Sudhindra A,Mallikarjunappa K,Keri C D,Afzal Ahamed T R, March 2010. "Assessment of stator winding Insulation Part 1 - Review of Deterioration Mechanisms and Condition Monitoring Techniques "The Journal of Central Power Research Institute, Vol.6,No.1, pg.no.61-76.

International Conferences

21. Dr.B.Ramachandra,Usha A Joshi, March 2010." Synthesis and characterization of sensor for biological real time applications using conducting polymers, nanocomposites and signal processing technique" International Conference :CERA : IIT Roorkee

2009

National Journals

22. Dr.B.Ramachandra,B. Nageshwar Rao, September 2009." Assessment of stator winding Insulation by spectroscopic and thermo analytical Techniques" The Journal of Central Power Research Institute, Vol.5,No.2,ISSN 0973-0388.

International Conferences

23. Dr.B.Ramachandra,Usha A Joshi, December 2009." Design of Bio-Sensor for Leukocyte counts for real time Applications using Conducting Polymers and NANO-Composites" IEEE Sponsored International Conference at MIT Manipal.
24. Dr.B.Ramachandra,B. Nageshwar Rao,Vynethaya A,Sudhindra, July 2009." Study on diagnosis of high voltage rotating electrical machine insulation based on structural changes due to ageing" IEEE Interantional conference on properties and application of dielectric materials(ICPDAM) held at Harbin, China.
25. Dr.B.Ramachandra,V. Nageshwar Rao, Jan 2009." Life Extension study on insulation system of Hydro Generators - case studies" Intl. Conf. on Condition Monitoring &

Diagnostic Engg. Management of Power Station / Substation Equipment, CPRI, Bangalore, India.

26. Dr.B.Ramachandra,V. Nageshwar Rao, 2009.” Low frequency Dielectric response of thermally degraded Epoxy-Mica Insulation” ICPADM 2009, at Harbin, China.
27. Dr.B.Ramachandra,V. Nageshwar Rao.2009.” Study of insulation diagnosis of HV rotating Electrical Machine based on structural changes due to ageing” ICPADM 2009, at Harbin, China.
28. Dr.B.Ramachandra,V. Muralidhara, 2009.” A detailed study on the quality assessment of insulators subjected to DC voltages” ICPADM 2009,at Harbin, China.
29. Dr.B.Ramachandra, Usha A Joshi “Design of Bio-Sensor for Leukocyte counts for real time Applications using Conducting Polymers and NANO-Composites" IEEE Sponsored International Conference on Electronic Design & Signal Processing,ICEDSP-09, MIT Manipal: 10th -12th December 2009

2008

International Journals

30. Dr.B.Ramachandra. V. Muralidhara, 2008.” Study of Quality Assessment Insulators subjected to DC voltages”, The academic journal of High Voltage Engineering. Chongqing University, Chongqing, China, Issue no. 11.

International Conferences

31. Dr.B.Ramachandra,V. Muralidhara, Nov 9th to 13th 2008.” Study of Thermal-runaway tests on Insulators subjected to DC voltages” ICHVE 2008, Chongqing University, Chongqing, China

NAME: Dr. P.S Puttaswamy

Designation : Professor

List of publications

2017

International Journals

1. Shilpa.R ,Savitha Shetty K L, P. S. Puttaswamy “Analysis of Signals Affecting The Quality of Power” Journal Of Signal Processing And Wireless Technologies (JSPWT) Vol 1, Issue 1, March 2017 PP 19-22

2016

International Conferences

- 2 Dr.P.S Puttaswamy, Prashant A Athavale “Learning Styles of Students A Case Study” 3rd International Conference on Transformations in Engineering Education ICTIEE 2016 COEP Pune DOI:10.16920/jeet/2016/v0i0/85630 January 9-12 2016
- 3 Lalithamma GA1, Dr.P.S. Puttaswamy2 “Speed Control of Servo Motor Using Optimized Artificial Multilayer Neural Network Based PID Controller” International Journal of Advanced Research in Electrical,Electronics and Instrumentation Engineering Vol. 5, Issue 2, February 2016 PP 1147-1159
- 4 Dr. P S Puttaswamy “Genetic algorithm based 15 level modified multilevel Inverter for stand alone photovoltaic applications” International Journal of Modern Trends in Engineering and Research ISSN (Print) : 2349 – 9745 ISSN (Online): 2393 – 8161, June 2016, PP 355-367

2015

National Journals

- 5 Dr. P.S. Puttaswamy and Shilpa. R “Analysis of Power Quality Disturbances using Empirical Mode Decomposition and SVM Classifier” International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) May 2015
- 6 Dr. P.S. Puttaswamy and Shilpa. R “Detection and Classification of Short Transients and Interruption using Hilbert Transform” Global Journal of Researches in Engineering 2015

International Conferences

- 7 Dr.P.S Puttaswamy, Prashant A Athavale “Bi modal Image Segmentation by Active Shape Model” 2015 IEEE International Advanced Computing Conference, BMSCE Bengaluru

ISBN 978-1-4788-8047-5 June 12-13 2015

- 8 Dr. Puttaswamy, Punith Kumar M B “Video Extraction of Events ans Reply in Cricket” International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015
- 9 Dr.P.S Puttaswamy, Shipla R Shruthi S Prabhu “Power quality disturbances monitoring by Hilbert-huang transform with SVM classifier” International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015
- 10 Dr.P.S Puttaswamy, Shipla R Shruthi S Prabhu “Analysis of three phase power quality disturbances” International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015
- 11 Dr.P.S Puttaswamy, Prashant A Athavale “Median values of gray levels for detection of lung contours” International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015 ISBN 978-1-4673-9563-2
- 12 Dr.P.S Puttaswamy and Punith kumar M B “Moving Text Line Detection and Extraction in TV Video Frames” International Advance Computing Conference (IACC) 2015

2014

International Journals.

- 13 Dr.P.S Puttaswamy and Yadu Kiran “A review of Brushless motor control” International Journal of Advance Research In Electrical Electronics and Instrumentation Engineering IJAREEIE Vol. No.3, Issue No.3, March 2014 ISSN-2319-8354(E)
- 14 Dr.P.S Puttaswamy and Punith Kumar M B “Video To Frame Conversion Of TV News a Video By Using MATLAB” International Journal of Advance Research In Science And Engineering, IJARSE Vol. No.3, Issue No.3, March 2014 ISSN-2319-8354(E)
- 15 Dr.P.S Puttaswamy and Punith Kumar M B “Scene Classification based on feature Extraction” International Journal of Advance Research In Science And Engineering, IJARSE Vol. 3, Issue 9, September 2014
- 16 Dr. P.S. Puttaswamy and Shilpa. R “A review on Power Quality issues in Power Systems” International Journal of Industrial Electronics and Electrical Engineering IJIEEE Oct 2014
- 17 Dr.P.S Puttaswamy and Yadu Kiran “Field oriented Control of permanent Magnet

Synchronous motor using a DSP” International Journal of Advance Research In Electrical Electronics and Instrumentation Engineering IJAREEIE Vol. 3, Issue 10, October 2014

- 18 Dr. P.S. Puttaswamy and Shilpa. R “Detection & Classification of Power Quality Disturbances using Wavelet Transforms and Probabilistic Neural Networks” International Journal of Soft computing and Artificial Intelligence Nov 2014
- 19 Dr.P.S Puttaswamy and Surekha Manoj “Effective integration of Wind distributed generation to power grid with STATCOM” Springer Emerging research in Electronic, computer science & technology,2014
- 20 Dr.P.S Puttaswamy and Surekha Manoj “Novel Shannon based low power full adder architecture for Neural network applications” Springer Emerging research in Electronic, computer science & technology,2014

National Journals

- 21 Dr.P.S Puttaswamy and Lalithamma, 2014.” Novel Shannon based low power full adder architecture for Neural network applications” Springer Emerging research in Electronic, computer science & technology.
- 22 Dr.P.S Puttaswamy and Surekha Manoj, 2014.” Effective integration of Wind distributed generation to power grid with STATCOM” Springer Emerging research in Electronic, computer science & technology.

International Conferences

- 23 Dr. P.S. Puttaswamy and Shilpa. R “Detection of Power Quality Disturbances using Wavelet & S-Transform” International Conference ICRTEEC Dec 2014

2013

National Journals

- 24 Dr.P.S Puttaswamy and H B Nagesh, April 2013.” Enhancement of voltage stability margin

using FACTS controllers” International journal of computer and electrical engineering (IJCEE).

25 Dr.P.S Puttaswamy and Lalithamma. Sept 2013.” Literature Review of Applications of Neural Network in Control Systems” International journal of Scientific and Research publications.

26 Dr.P.S Puttaswamy and Punith Kumar M B, Oct 2013.” A shot boundary detection method for News video based human skin region(face) detection”. International journal of computer applications(IJCA).

27 Dr.P.S Puttaswamy and Punith Kumar M B “A shot boundary detection method for News video Based Human Skin Region(Face) Detection” International Journal for scientific Research & Development, IJSRD Vol. 1, Issue 7, 2013 | ISSN (online): 2321-0613 01/10/2013

National Conferences

28 Prashant A Athavale, Dr Puttaswamy “Computer Aided Diagnosis for Gestational age determination by measuring bi parietal diameter and Femur length” National Conference on Electronics, Computers & Computation (NCECC-2013) BMSIT Bangaluru ISBN-978-81-928203-6-1 10th October 2013

29 Dr.P.S Puttaswamy and Punith kumar M B “A shot boundary detection method for News video Based Human Skin Region(Face) Detection” National Conference on Electronics, Computers & Computation (NCECC-2013)

2012

National Journals

30 Dr.P.S Puttaswamy and Anand Raju M B. Feb 2012.” Modified Interactive evolutionary computing for speed control of an electric DC Motor” International journal of computer applications (IJCA)

31 Dr.P.S.Puttaswamy. and H.B Nagesh. May 2012.” Power Flow Model of Static VAR Compensator and Enhancement of Voltage Stability” International Journal of Advances in Engineering & Technology(IJAET)

32 Dr.P.S Puttaswamy and Surekha Manoj, DEC-2012.” Estimation and cost effective analysis

of hybrid – wind/PV generation for rural/remote electrification” International journal of advances in engg and technology (IJAET).

- 33 Dr.P.S Puttaswamy and Surekha Manoj. DEC-2012” Improvement of power quality of grid integrated wind distribution generation by STATCOM” International journal of advances in engg and technology (IJAET).

International Conferences

- 34 Dr.P.S Puttaswamy and Surekha Manoj, 2012.” A Case Study on Grid Code Maintenance When Wind DG Integrates the Grid Using STATCOM” International Conference on Emerging Technological Trends in Advanced Engineering Research
- 35 Dr.P.S Puttaswamy and Surekha Manoj, 2012.” A Case Study on Grid Code Maintenance When Wind DG Integrates the Grid Using STATCOM” International Conference on Emerging Technological Trends in Advanced Engineering Research.

National Conferences

- 36 Dr.P.S.Puttaswamy. and H.B Nagesh, March 2012,” Power Flow Model of SVC” National Conference on Efficient Power Generation and Conversion.
- 37 Dr.P.S Puttaswamy and Punith kumar M B “A shot boundary detection method for News video Based Human Skin Region(Face) Detection” National Conference NCCTIA-2012

2011

International Journals

- 38 Dr.P.S Puttaswamy and Surekha Manoj, July-sept 2011.” Importance of FACTS Controllers in power systems” International Journal of Advances in Engineering & Technology(IJAET)
- 39 Dr.P.S Puttaswamy and Anand Raju M B, July 2011” Genetic Algorithm: An approach to velocity control of an Electric DC Motor” International journal of computer applications(IJCA).
- 40 Dr.P.S.Puttaswamy. and H.B Nagesh, Sep-nov 2011” Voltage Stability Enhancement using Shunt and Series FACTS CONTROLLERS” International Journal on Electronic and

electrical Engineering, IJEEE.

2010

International Conferences

- 41 Dr.P.S.Puttaswamy. and H.B Nagesh, 2010.” Enhancement of Voltage Stability Margin using FACTS Controllers” International Conference on Computer and Electrical Engineering.

NAME: Dr. S.S.Parthasarathy

Designation: Professor

List of publications

2020

International Journals

1. Dr.S.S.Parthasarathi, “Alzheimer Disease Detection and Classification using Probabilistic Principal Component Analysis and Long Short-Term Memory Classifier”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) (Free Scopus Indexed), Volume 9, ISSUE 3,January 2020.

2019

International Journals

2. H S Suresha, Dr. S.S. Parthasarathi “Relieff feature selection basedalzheimer disease classification using hybrid features and support vector machine in magnetic resonance Imaging”International Journal of Computer Engineering & Technology (IJCET) Volume 10, Issue 1, January-February 2019, pp. 124-137.
3. Suresha H.S,Dr.S.S.Parthasarathi “Region Localization Using Recurrent Morphological Coding in Alzheimer MRI” International Journal of research in electronics and computer Engineering Vol. 7 Issue 1, (January- March 2019) PP:840-848.

4. Suresha H.S,Dr. S.S. Parthasarathi “Early Diagnosis of Alzheimer’s Disease on the basis of Orthogonal Locality Preserving Projections and Multi Support Vector Machine” Journal of Emerging Technologies and Innovative Research (JETIR) Volume 6, Issue 4 April 2019, (ISSN-2349-5162) PP:526-532.
5. Dr. S.S. Parthasarathi “Identification of Robust Controller for 150hp 3 Phase Induction Motor”, Asian Journal of Electrical Sciences, ISSN: 2249-6297, Vol. 8, No.S1, 2019, pp. 33-38.

2018

International Journals

6. Halebeedu Subbaraya Suresha, Parthasarathy “Diagnosis of Alzheimer Disease Using Fast Independent Component Analysis and Otsu Multi-level Thresholding” International Journal of Intelligent Engineering and Systems, Vol.11, No.5, April 24, 2018 pp:74-83.
7. H.Sathishkumar and S.S.Parthasarathy “Mathematical modeling and simulation of threephase induction motor for induction motor for industries with accurate parameter requirements” i-manager’s Journal on instrumentation and control Engineering, ISSN-2321-113X,vol.6,issu:3,may-july2018,pg-12-21.
8. H.Sathishkumar and S.S.Parthasarathy” Study of Cable Manufacturing Industry with Special Reference to Ravicab Cables Private Limited at Bidadi, Ramanagara District,Karnataka, India” Asian Journal of Electrical Sciences, ISSN: 2249 – 6297, Vol. 7, No. 2, 2018, (pg). 14-18.

International Conferences

- 9 H.Sathishkumar and Dr. S.S.Parthasarathy “Comparative performance analysis of PID and fuzzy logic controller for 150 hp three phase induction motor”ICERCT-2018 August 21 22.

2017

International Conferences

- 10 H Sathishkumar, S S Parthasarathy “A Novel Fuzzy Logic Controller For Vector Controlled Induction Motor Drive” International Conference on Alternative Energy In Developing Countries & Emerging Economies 25-26 May 2017, Bangkok, Thailand

- 11 H Sathishkumar, S S Parthasarathy “A Novel Neural Network Intelligent Controller For Vector Controlled Induction Motor Drive” International Conference on Alternative Energy In Developing Countries & Emerging Economies 25-26 May 2017, Bangkok, Thailand
- 12 H Sathishkumar, S S Parthasarathy “A Novel Neuro-Fuzzy Controller For Vector Controlled Induction Motor Drive” International Conference on Alternative Energy In Developing Countries & Emerging Economies 25-26 May 2017, Bangkok, Thailand

2016

International Journals.

- 13 N.M.Mahesh Gowda and S.S. Parthasarathy “Optimization of Synchronous Non-Isolated Bidirectional DC-DC Switching Power Converter” Asian Journal of Electrical Sciences ISSN: 2249- 6297, Vol. 5 No. 2, July – December 2016, pp. 33-43
- 14 H Sathishkumar, S S Parthasarathy “Analysis of speed Controller for three phase induction motor in 125/60 TPH Aggregate crushing Sand Plant” International Journal of Engineering & Computer Science Vol.5, Issue12 December 2016 PP 19326-19329

International Conferences

- 15 H.Sathishkumar and Dr.S.S.Parthasarathy “Space Vector Pulse Width Modulation for DC-AC converter” Second International Conference On Science Technology Engineering and Management(ICONSTEM), **PP 310-314**, 30-31 March 2016
- 16 Mahesh Gowda N M,S.S. Parthasarathy “Optimization of SynchronousBuck-Boost DC-DC Switching Converter” International Conference On Recent Trends In Electronics Information Communication Technology, May 20-21, 2016, India **pp 353-359**

2015

International Journals.

- 17 Dr.S.S. Parthasarathy, C.Nagaraju “Analysis and Estimation of Noise in Embedded Medical Images” MECS Publications International Journal of Image, Graphics and Signal Processing, February 2015, Volume 7, No 3, PP 45-50. ISSN Print: 2074-9074, ISSN Online 2074-9082.
- 18 Dr.S.S. Parthasarathy, Mahesh Gowda N M “Two Phase Bidirectional DC-DC Switching

Converter With Coupled Inductor” International Journal of Electrical and Electronics Research. ISSN 2348-6988. Vol 3, Issue 2, pp: 468-475, Month: April – June 2015.

International Conferences

- 19 Dr.S.S. Parthasarathy, Radhika M N, G Saroj Kumar “Estimation and guidance for MANOEUVRING TARGET”International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2015, PESCE Mandya 17th to 19 Dec 2015

2014

International Journals.

- 20 Dr.S.S. Parthasarathy, C.Nagaraju “Embedding Patient Information In Medical Images Using LBP and LTP” Circuits and Systems: An International Journal (CSIJ):Volume 1,Number 1, January 2014
- 21 Dr.S.S. Parthasarathy, Mahesh Gowda N M “Study of VMC, CMC and SM Control of Buck Converter” International Journal of Advanced Research in Computer Science and Electronics Engineering (IJARCSEE); Volume3 , Issue 1, January 2014.
- 22 Dr.S.S. Parthasarathy, N.V.Archana “Location of Series FACTS Device using Genetic Algorithm and Enhancement of Stability using Self tuning Thyristor Controlled series Compensator.” International Journal of Electronics and Communication Engineering (IJECE); Volume3, Issue 2, March 2014, ISSN 2278-9901
- 23 Dr.S.S. Parthasarathy, C.Nagaraju “Embedding ECG and Patient Information In Medical Image” IEEE INSPEC Accession Number:14619282 Print ISBN: 978-1-4799-4041-7 9-11 May 2014
- 24 Dr.S.S. Parthasarathy, Mahesh Gowda N M “Modelling of Buck DC-DC Converter Using Simulink” International Journal of Innovative Research in Science,Engineering and Technology (IJIRSET) ISSN-2319-8753 Vol. 3, Issue 7, July 2014

International Conferences

- 25 Dr.S.S. Parthasarathy, C.Nagaraju. “Embedding Patient information In ECG Using LBP” SSIT, Tumkur, NCECB-14 May 09-11, 2014

- 26 Dr.S.S. Parthasarathy, C.Nagaraju. “Embedding Patient information In ECG Using LBP”
SSIT, Tumkur, NCECB-14 May 09-11, 2014

National Conferences

- 27 Dr.S.S. Parthasarathy, C.Nagaraju “Embedding Patient information In ECG Using LBP”
SSIT, Tumkur, NCECB-14 May 09-11, 2014

2013

International Journals

- 28 Dr.S.S. Parthasarathy,C.Nagaraju. March 2013 “Quality Measure for Information Hiding in Medical Images” International Journal of Computer Applications (IJCA) -Volume 65–No.11.
- 29 Dr.S.S. Parthasarathy, N.V.Archana “Evolutionary Algorithm Based Optimal Location of Series FACTS Device to Reduce the Losses in a Power System” International Journal of Electrical Components and Sustainable Energy (IJECSSE).-Vol 1, No1, pp 1-12, April 2013,ISSN 2203-0034.
- 30 Dr.S.S. Parthasarathy, Smt. Usha Surendra “Optimal Location of Series Facts Device using PSO Technique To Reduce the Losses and to Enhance Power Transfer Capability In A Power System” Springer Publications.Book ID: 314517_1_En Book ISBN: 978-81-322-1156-3, Date: 28-5-2013
- 31 Dr.S.S. Parthasarathy,Mahesh gowda, July 2013.” Reviewing Potentials Aspects of DC-DC Controllers: A Study” International Journal of Engineering Research & Technology (IJERT); Volume 2, Issue 7.

International Conferences

- 32 Dr.S.S. Parthasarathy,C.Nagaraju. 2013. “Embedding Patient Information in Medical Images Augmented with Compression by Rotation Technique” Springer Publications Book ID: 314517_1_En Book ISBN: 978-81-322-1156-3.

National Conferences

- 33 Dr.S.S. Parthasarathy, C.Nagaraju “Robust watermarking algorithm for medical images”
NCASPCN-2013, SSIT, Tumkur 29-30 Aug-2013

2012

International Journals

- 34 Dr.S.S. Parthasarathy,Smt. Usha Surendra, July-December 2012 “Genetic Algorithm Based Optimal Location of Series Facts Device to Reduce the Losses and Enhance Power Transfer in a Power System” International Journal of Analysis and Computation, Vol 8, No. 2, PP 71-84, ISSN : 0973-2861
- 35 .Dr.S.S. Parthasarathy,Smt. Usha Surendra, July-December 2012” Genetic Algorithm Based Optimal Location of Series Facts Device to reduce The Losses in a Power System” International Journal of IJESC: Vol. 4, No. 2, PP 91– 96.
- 36 Dr.S. S. Parthasarathy,Smt. Usha Surendra, July-December 2012. “Application Of VAR Indices Method & Swarm Intelligence Algorithm on 220kv Real Time System to Locate Series Facts Device” International journal of IIJEP , Volume 4, Issue 2

National Journals.

- 37 Dr.S.S. Parthasarathy, Smt. Usha Surendra “Technological Advancements in Power System Operations to Enhance Stability” National Journal of Electrical India, Vol 52, No 2, February 2012

International Conferences

- 38 Dr.S.S. Parthasarathy,Smt. Usha Surendra, July 2012.” Genetic Algorithm Based Optimal Location of Series Facts Device to Reduce the Losses in a Power System” International Conference On Current Trends In Engineering And Management, ICCTEM 2012.
- 39 Dr.S. S. Parthasarthy, Smt. Usha Surendra, December 2012.” Optimal Location Of Series Facts Device Using Pso Technique to Reduce The Losses and To Enhance Power Transfer Capability in a Power System” International Conference on Emerging Research In Electronics, Computer Science and Technology, ICERCT-12.
- 40 Dr.S.S. Parthasarathy, Smt. Usha Surendra, “Analysis of Application of VAR Indices Method & Evolutionary Algorithm on Real Time 220kV System to Locate Series FACTS Device” 15th ISTE National Faculty Convention held on 7-8th of December 2012 at East-West Institute of Technology, Bangalore, India.

- 41 Dr.S.S. Parthasarathy, C.Nagaraju “Embedding Patient Information in Medical Images Augmented with Compression by Rotation Technique” ICERECT-12, PESCE, Mandya, Dec 21-22, 2012.
- 42 Dr.S.S. Parthasarathy, C.Nagaraju “Validation of EPR Embedded Medical Images Using Image Variance” FCST-2012,RRCE, Bangalore, on 14-15 Feb 2012.Page. No- 279-282

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International Journals

- 43 Dr.S.S. Parthasarathy,N.V.Archana, “ Evolutionary Algorithm Based Optimal Location of Series FACTS Device to Reduce the Losses in a Power System “International Journal of Electrical Components and Sustainable Energy (IJECSE).

National Conferences

- 44 S.S. Parthasarathy,Smt. Usha Surendra, 2011,” Impact of Shunt Facts Controllers on Transient Stability of Power System” National conference on Advances in Energy Conversion Techniques, AECT-2011’.

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International Conferences

- 45 Dr.S.S. Parthasarathy,Smt. Usha Surendra, April 2010.” Intelligent Learning Controllers for Power Systems Stability Improvement with Facts Devices” International Conference On Convergence Of Science And Engg In Education And Research--ICSE 2012

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National Journals

- 46 Dr.S. S. Parthasarthy,Smt. Usha Surendra.” Quantizing and Relieving Of Congestion in Deregulated Power Sector Employing Series Facts Devices” Centum Bi-annual National Journal.

National Conferences

- 47 Dr.S.S. Parthasarathy,Smt. Usha Surendra, October 2009.” Transmission Capability Enhancement using Facts Controllers in Electric Power Systems : A Survey” Second

National level Conference ARENA of intellectual Innovations at GSSSIETW,Mysore.

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NAME: Dr. Gopiya Naik. S

Designation: Professor

List of publications

2022

International Journals

1. Dr. Gopiya Naik , Rupa Kumar Dhanavath, Sevyanaik, “Design of flexible floating point processing element architecture based on golay code strategy”, International Journal of Wireless personal Communications (Springer Nature), Published online 24 February 2022
2. Dr. Gopiya Naik , Chaithra C B , Ayesha Harmain, Bhojraj, Bhoomika B , Shazia Sharif “Battery Parameter Monitoring and Control System for Electric Vehicles”, SSRG International Journal of Electrical and Electronics Engineering, Vol. 9, No.3, pp. 1-6, March 2022
3. Dr. Gopiya Naik. , Deekshitha s , Deepashree R Divya H S , Harshitha K N “AC Digital Smart Meter using Arduino and PZEM-004T ” , Volume 11, Issue 4 (April 2022) e-ISSN : 2278-8875, p-ISSN: 2320-3765.
4. Dr. Gopiya Naik. “An Efficient Architecture Implementation of a Golay code Encoder in CMOS 45nm Technology” , International conference on Electrical, Computer and Energy Technology, Prague, 20-22, July 2022

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International Journals

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2019

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2018

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Siting and Sizing of Distributed Generation in radial Distribution Networks”, *IET
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2011

International Conferences

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Name: B.N.Harish

Designation: Assistant Professor

List of publications

2022

International Journals

1. B.N.Harish , Usha Surendra, “Review on power quality issues in electric vehicle interfaced distribution system and mitigation techniques” , Indonesian Journal of Electrical Engineering and Computer Science Vol. 25, No. 2, February 2022, pp. 656~665 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v25.i2.pp656-665

International Conferences

- 2 B.N.Harish, Dr.Usha surendra, “Comparison of DQ Method with $I \cos\phi$ Controller in solar power system Connected to grid with EV load”, International Conference on Distributed Computing and Electrical Circuits and Electronics ICDCECE-APR22,Ballari ,Karnatka DOI: 10.1109/ICDCECE53908.2022.9792847

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International Conferences

3. B.N.Harish “Power Quality Impacts and Mitigation Measures in Grid Connected Electric Vehicle System.” 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT- 2019), 13-14 December 2019,Vol.1 issue 2019,ISSN2356-7968

2017

International Journals

4. Harish B N , D M Srinivasa , Harisha K S “Analysis Study on Partial Discharge Magnitudes to the Parallel and Perpendicular Axis of a Cylindrical Cavity”, International Journal of Engineering Trends and Technology (IJETT) – Volume-45 Number7 –March 2017.

Name: D.M Srinivasa

Designation: Assistant Professor

List of publications

2021

International Conference

1. D.M. Srinivasa¹, Usha Surendra, “Performance Analysis of Indigenous oil as Alternate to Transformer Insulation for Power System Applications”, International Conference on Recent Trends in Science and Technology – ICRTST 2021 at ATME, Mysore

2020

International Journals

2. D.M. Srinivasa¹, Usha Surendra, V.V. Pattanshetti “Investigation of Dielectric Properties of Indigenous Blended Ester oil for Electric System Applications.”, Advances in Science, Technology and Engineering Systems Journal Vol. 5, No. 5, 669-673 (2020).
3. D M Srinivasa, Chandini P R, Harshitha S, Jayasurya J, K Lakshmana “Fabrication of Bio-Battery for Home Automation”, International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), Vol. 8, issue 7, July 2020, ISSN (Online) 2321-5528 ISSN (Print) 2321 — 2004, page No.12
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5. D. M. Srinivasa, Ajmal Shariff¹, Salman Khan, Arshad Ahmed, Asha M. S and Zabiulla “Introduction, History, Types and Application of Lithium ION Battery (A Review)”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 12 | Dec 2020 Issue 7, July 2020, ISSN (Online) 2321-5528 ISSN (Print) 2321 — 2004, page No.12
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International Conferences

8. D M Srinivasa “Review on MPPT Techniques for Solar PV Array System Vol-68-Issue-30-February-2020 ISSN: 0474-9030,PP7887-7894
9. D M Srinivasa “Impact of Antioxidant and degasification on a new liquid dielectric suitable for transformer applications”, 2nd International conference on TOPICAL TRANSCENDS IN SCIENCE, TECHNOLOGY & MANAGEMENT (ICTTSTM-2020) at SaiVidya Institute of Technology, Bengaluru, Karnataka on 12th July2020.
10. D M Srinivasa Dr. UshaSurendra “Comparative study of Breakdown Phenomena and Viscosity in Liquid Dielectrics” , Conference-2019 IEEE Innovations in Power and Advanced Computing Technology (i-PACT) at VIT, Vellore. Published in IEEE with DOI: 10.1109/i-PACT44901.2019.8960134 ISBN:978-1-5386-8191-6

National Conferences

11. D M Srinivasa, Lokesh T R, Srinath M S “Review on MPPT Techniques for Solar PV Array System” ISSN: 0474-9030 Vol-68-Issue-30-February-2020

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International Journals

12. D M Srinivasa, “Comparative study of breakdown phenomena & viscosity in liquid dielectrics” 2019 innovations in power & Advanced computer technologies, IEEE, DOI: 10.1109/i-PACT44901.2019.8960134.

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International Journals

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Engineering (IJREEICE), Vol. 5, Issue 5, May 2017, ISSN (Online) 2321 ISSN (Print) 2321 – 2004,page No 210-218.

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19. D M Srinivasa , Harish B N, Harisha K S “Analysis Study on Partial Discharge Magnitudes to the Parallel and Perpendicular Axis of a Cylindrical Cavity”, International Journal of Engineering Trends and Technology (IJETT) – Volume-45 Number7 –March 2017.

Name: H C Manohara

Designation: Assistant Professor

List of publications

2020

International Journals

1. Dr. Gopiya Naik. S, Manohara H. C, Tejaswini K. P, Shana C. M , Kowsalya. S, Meghana. R N “OTP based Lineman Security System”, Volume 09, Issue 02 (February 2020) ISSN (Online) : 2278-0181 Vol. 9 Issue 02, February 2020.
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2016

International Journals

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Name: Sunil Kumar C

Designation: Assistant Professor

List of publications

International Journals

2022

1. Mr. Sunil Kumar C, Puttamadappa C , Y L Chandrashekar “Bacterial Foraging and Seagull Optimization Algorithm based THD level Comparison for Fly back Converter in Grid Connected PV System ” International Journal of Engineering Trends and Technology. Volume 70 issue 6, 379-394, june 2022

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2. Mr. Sunil Kumar C, Puttamadappa C , Y L Chandrashekar “Power Quality Improvement in Grid Integrated PV Systems with SOA Optimized Active and Reactive Power Control” , Journal of Electrical Engineering and Technology Published online, 23 August 2022

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International Journals

1. Mr. Sunil Kumar C “Bacterial Foraging Optimization Based Maximum Power Point Tracking for Photovoltaic System under Partially Shaded Condition with Interleaved Resonant Fly-back Converter” Deokali, Uttar Pradesh 10th & 11th Jan 2020 Article Info Volume 82 Issue: January-February 2020 Published by: The Mattingley TEST Engineering & Management Publishing Co., Inc. ISSN: 0193-4120 Page No. 15776 – 15784.

2016

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Name: Dr. K M Mahesh Kumar

Designation: Assistant Professor

List of publications

2021

International Journals

1. K.M. Mahesh Kumar, B. Ramachandra, L. Sanjeev Kumar, “Analysis of partial discharge patterns of natural ester oil and mineral oil used in power transformer”, Materials Today: Proceedings, 2021,ISSN 2214-7853,<https://doi.org/10.1016/j.matpr.2020.12.868>.
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2. Mahesh Kumar K M “Calibration of Partial Discharge Measuring System by a Reference Square Wave” Test Engineering & Management January-February 2020 ISSN: 0193-4120 Page No. 16276 – 16281.
3. Mahesh Kumar K M “Design Of Matching Impedance And Amplifier Circuit For Partial Discharge Measurement” International Journal of Advanced Science and Technology, Vol. 29, No. 7s, (2020), pp. 2020-2026.

International Conferences

4. K. M. Mahesh Kumar, B. Ramachandra and L. S. Kumar, "Analysis of Phase Resolved Partial Discharge Patterns of Kraft Paper Insulation Impregnated in Transformer Mineral oil," 2020 International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India, 2020, pp. 1157-1161, doi: 10.1109/ICOSEC49089.2020.9215344.

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5. Mahesh Kumar K M, P S Puttaswamy, “Design and Implementation Of An Efficient Soft Switching Inverter Fed AC Drive”, International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 01 | Jan -2017, e-ISSN: 2395 -0056 Page No. 1164-1168.
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Name: T.R.Lokesh

Designation: Assistant Professor

List of publications

2020

International Conferences

1. Lokesh T R, D M Srinivas, Srinath M S.(2020). Review on MPPT Techniques for Solar PV array system. International conference on recent trends in Electrical,Electronics and Computer science Engineering(ICEECS-2020), ISSN: 0474-9030.Vol. 68, Issue 30,Feb 2020.

Name: M.S.Srinath

Designation: Assistant Professor

List of publications

2022

International Conferences

1. Srinath M S, “Smart Mirror with Home Automation” National Conference on “Developments in the domain of Engineering Sciences”
2. Srinath M S, “Design & Implementation of a Low-Power-factor Enhancer” National Conference on “Developments in the domain of Engineering Sciences”
3. Srinathh M S. “Portable Spot-Welding Machine Design & Implementation”, National Conference on “Developments in the domain of Engineering Sciences”

2020

International Conferences

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International Journals

1. Karthik N S,Srinath M S.(2020).Optimized ALU with BIST implementation using encounter platform in IJIREEICE, Volume 8,Issue 7.

Name: H.N.Sukanya

Designation: Assistant Professor

List of publications

2020

International Journals

1. Sukanya H N, Kishorini Lokesh (2020) Automation of Milling and Drilling Machine using PLC. International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653. Vol. 8, Issue I, Jan 2020.