

EASWARI ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Technical Paper Publications by Faculty Members
Academic Year: 2020-2021
International Journal

S. No.	Paper
1.	R.Karpagam, ” Read mode Energy and Speed Optimization of High Speed STT-RAM, International Journal of Future Generation Communication and Networking, Vol. 13, No. 3, (2020), pp. 2328–2335.
2.	R. Karpagam , P.Marish Kumar ,K. A. Indusailaja, S.S. Bharathi Kannan, "Earthquake and Flood Management Using RF Communication And VANET” Solid State Technology, Vol. 63 No. 1s (2020).
3.	Marish Kumar P, Indu Sailaja K A, "Improved Performance of a Single Stage Voltage Power Factor correction converter for LED Lamp Driver" Zeichen Journal ,ISSN No:0932-4747, Volume 6, Issue 8, Pg No.204-216, DOI:15.10089.ZJ.2020.V6I3.285311.2119.
4.	P.Marish Kumar, "Design And Implementation Of Super-Lift Converter With Inverter For AC Applications",Zeichen Journal, VOLUME 6 ISSUE 9 2020,Page No:1-4,DOI:15.10089.ZJ.2020.V6I3.285311.2123.
5.	P. Marish Kumar, "Design and Construction of a LLC DC-DC Resonant Converter to Obtain Optimum Output in Solar Simulators "Solid State Technology, Vol. 63 No. 3,Page No:584 – 595,2020.
6.	P. Marish Kumar , "Cascaded Interleaved Boost Converter for Higher Voltage using Photovoltaic System "Solid State Technology, Vol. 63 No. 3, Page No:989 – 1001,2020.
7.	P. Marish Kumar , "Z- SVPWM Based Source Transformer Less Five Level Cascaded Inverter with Grid Connected Photovoltaic System, "Solid State Technology, Vol. 63 No. 3,Page No:665 – 673,2020.
8.	P. Marishkumar, " Implementation of Solar PV Array Fed EASPO Super-Lift Converter for PMBLDC Motor Drive" Test Engineering &Management ,ISSN: 0193-4120 Page No. 9930 – 9936,2020.
9.	J.Lydia, K.A.Indu Sailaja, N.Priya, "Smart Energy Management for Hybrid Power Generation System, Solid State Technology, Volume 63, No.1s (2020), pp.2234-2244,2020.
10.	D.Fathema Farzana , "Intelligent Accident Tracking System Using Raspberry PI", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, pp.2575-85,2020.
11.	B.Ponkarthika, V.Vijeesh, E.Kaliappan, D.Fathema farzana, G.Vignesh, "Comparative Analysis of Flashover by Measuring Leakage Current in Composite Insulation", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, pp.2558-2574,2020.

12.	E Kaliappan , B.Ponkarthika , "Voice-Based Intelligent Door Access security System Using Embedded systems", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, pp.2552-2557,2020.
13.	P. Marish kumar , " IOT based geo synchronised maximum power point tracking of solar panel", European journal of molecular & clinical medicine, volume 7, issue 4, Pages 2279-2286,2020.
14.	Priya. N, Marish Kumar P, Karpagam R, Indu Sailaja K A, Priya C, Lydia. J, " Maximum Power Point Tracking of Solar Power Generation Systems Using FCM Clustering ", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, Pages 2156-2159,2020.
15.	P. Marish Kumar, Karpagam R, Indu Sailaja K A, Priya. N, Priya C, " Open Circuit Fault Detection in Z-Source Inverter Fed Induction Motor", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, Pages 2167-2175,2020.
16.	D Chandrakala, K, "Design Of Mobile Surveillance And Security Bot For Home Safety", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, pp 2586 – 2591,2020.
17.	Dr.K. Mala, "A Raspberry Pi Based Smart Wrist Band for Women Safety Using IoT", European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, pp 2460 – 2464,2020.
18.	R Karpagam, P Marish Kumar, "Investigation on corona performance of conductors using fabricated indoor corona cage", Materials Today: Proceedings 9th Dec 2020.
19.	R. Karpagam, Journal of Natural Fibers Synthesis and Mechanical Properties of Natural Fiber Reinforced Epoxy/Polyester/Polypropylene Composites: A Review, Journal of Natural fibres,ISSN: 1544-0478 ,pp 1-24,2020.
20.	J.Lydia, "Integrated Energy and Trust-Based Semi-Markov Prediction for Lifetime Maximization in Wireless Sensor Networks"Wireless Personal Communications (2021),pp.1-18, Springer US,23.1.2021.
21.	R. Karpagam , "Influence of lignite fly ash on the structural and mechanical properties of flax-added polymer matrix composite Polymer Composites (Impact Factor: 2.268), 2021.
22.	R Karpagam, Priya.N, Lydia. J, Abishek DheevanT ,Solid State Switching Using Wireless Network in Home,Materials Today: Proceedings 21 st Feb2021.
23.	P.PushpaKarthick, E.Kaliappan, "Arduino-Based Alcohol Sensing Alert with Engine Locking System", EAI/Springer Innovations in Communication and Computing, pp. 293–305,2021.
24.	Karpagam R, " Design and Implementation of Intelligent Head Protective Gear for Accident Detection and Notification ", IOP Conference Series: Materials Science and Engineering, Volume 1084, Pages 1-12,2021.

25.	P.Pushpakarthik,P.Marish Kumar ,K.A.Indu sailaja , "IOT Based Smart Waste disposal detection and intimation system" PENSEE Publication, Feb 2021,ISSN NO:0031-4773,page No:640-643.
26.	R. Karpagam , "Experimental and Finite Element Analysis of Lignite Fly Ash on the Mechanical Properties of Sisal-added Polymer Matrix Composite Using ANSYS Workbench",Journal of natural fibres,23 June 2021.
27.	K.Mala , "Generation Expansion Planning for a Real world Power System: Aiming Towards Cost and Environmental Emission Minimization by Penetrating Huge Renewable Energy Sources",Journal of Electrical Engineering & Technology 28 June 2021.
28.	N.Priya , "Sensorless speed control of induction motor using Modern Predictive Control", Advances in intelligent Systems and Computing, Vol 1334, Springer, Singapore, June 2021.
29.	Mala K, Marishkumar P , "Application of Optimization Techniques for Estimating Electricity Demand of Tamil Nadu" Advances in intelligent Systems and Computing, Springer, Singapore, June 2021.
30.	Marish Kumar P , "A Decision based Multiple Threshold based Algorithm for elimination of Impulsive Noises and Artifacts in Images", Turkish Journal of Physiotherapy and Rehabilitation, vol 2.issue 32,195-206, June 2021.

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International Journal

S. No.	Paper
1.	Dr.E.Kaliappan , "Design and Development of Narrowband imaging and Stacked Neural networks approach for cancer diagnosis", Caribbean journal of science, ISSN:0008-6452, pp.1373-1381,Vol.53 No.2 (2019).
2.	Dr.R.Karpagam , "EMI reduction in dynamic random access memory interface for mobile devices". International Journal of Creative Research Thoughts, ISSN: 2320-2882, pp.25-29,Vol.8 No.3 (2019).
3.	Dr.K.Mala , " Comparative study of zeta and single stage high voltage gain dc-dc converters ". International Journal of Electrical Engineering & Technology (IJEET), ISSN: 0976-6553, pp.45-55,Vol.10 No.3 (2019).

4.	Dr.J. Gowrishankar, Dr.D. Fathema Farzana, Dr.E. Kaliappan, “A 13-Level Asymmetrical Cascaded Inverter for Photovoltaic System With DC-DC Flyback Converter” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019.
5.	Dr.R. Karpagam, J.Lydia, ”Synchronized Control of Voltage and Current Harmonics in Distributed Generation System using Fuzzy Controller “International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-12, October, 2019 .
6.	J. Gowrishankar, D.Fathema Farzana, E. Kaliappan,G.V.Chidambarathanu,K.Puspakarthick “Modeling of PV array for DC -DC Flyback converter with Asymmetrical output voltage ” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2249-8958, Volume-8 Issue-6S3, September 2019.
7.	E. Kaliappan, B. Ponkarthika, J. Gowrishankar, G. Vignesh, V. Vijeesh, ” Wireless Monitoring of Industrial Drives Using Internet of Things Technology (IOT)”, International Journal of Engineering and Advanced Technology (IJEAT),ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019.
8.	B. Ponkarthika, E. Kaliappan, V. Vijeesh, G Vignesh, “Design of Hand Movement based Smart Automation System”, International Journal of Engineering and Advanced Technology (IJEAT)ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019.
9.	V. Vijeesh, E. Kaliappan, B. Ponkarthika, G.Vignesh, “Design of Wearable shoe for blind using LIFI Technology”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019.
10.	K.V.Thilagar, K. Mala, D.Chandrakala, S.Vijayakumar “Power imbalance control in PV Power plants using delta connected cascaded MLPI” Test Engineering and management , ISSN 0193-4120 December 2019.
11.	D.Fathema Farzana, G.V.Chidambarathanu, J. Gowrishankar, “Alleviating congestion by load curtailment using PSO” Test Engineering and management ,ISSN 0193-4120,Volume 82, january 2020.
12.	D.Chandrakala, K.V.Thilagar, S.Vijayakumar, K. Mala “Integrating the solar and wind Energy system using solid state transformer, ISSN 0193-4120, January 2020.
13.	K. Mala, K.V.Thilagar,D.Chandrakala, S.Vijayakumar, U. Om Ezhilan, “Affordable Diagnostic Infused Thermal Incubator” Test Engineering and management , ISSN 0193-4120, Page No. 4685 – 4691, January 2020.
14.	S.Vijayakumar, K.V.Thilagar, D.Chandrakala, K. Mala “Real Time Tracking of Fire Fighters Using IOT Enabled Wireless Sensor Networks” Test Engineering and management , ISSN 0193-4120, volume 82, January 2020.
15.	G.V.Chidambarathanu, D. Fathema Farzana, J. Gowrishankar, Srinivasan ”Accidents preventing smart Helmet Using EEG Sensor”,Test Engineering and management ,ISSN 0193-4120 january 2020.

16.	J Lydia ,”Seamless Communication Models for Enhanced Performance in Tunnel Based High Speed Trains” Lecture Notes on Data Engineering and Communications Technologies, Volume-35,pp.1580-1591, https://doi.org/10.1007/978-3-030-32150-5_154 , Springer, Cham, 2019/11/07.
17.	J.Lydia ,”Energy Efficient Distributed Unequal Clustering Algorithm with Relay Node Selection for Underwater Wireless Sensor Networks”, Lecture Notes on Data Engineering and Communications Technologies,Volume-35,pp.152 -1536, https://doi.org/10.1007/978-3-030-32150-5_159 , Springer, Cham, 2019/11/07.
18.	Dr.E.Kaliappan , “An Analysis of Quality of Image compression with Disturbances”, WAFFEN-UND KOSTUMKUNDE JOURNAL, ISSN: 0042-9945, pp.52-59,Vol. XI, No. IV (2020).
19.	K.A.Indu Sailaja, P.Marish Kumar, Mrs.N.Priya, Mrs.C.Priya " Automatic Smart City Power Consumption Control Unit " Test Engineering and management,Vol.No;82, Page No: 11245-11250,Feb 2020.
20.	J.Lydia , “Optical Wireless Communication: A Survey of Recent Advances,Applications and Challenges”, COMET -International Conference on Emerging Current Trends in Computing and Expert Technology,P:No 790-794, March 2020.
21.	J.Lydia , “Probability Detection for Heterogeneous Networks using FODPSO and ACO Optimisation Tunnel Based High Speed Trains”COMET -International Conference on Emerging Current Trends in Computing and Expert Technology,P:No 795-797, March 2020.
22.	P.Marish Kumar, K.A.Indu Sailaja,J.Lydia,D.Suganya " Automated plastic bottle recycling machine " Test Engineering and management,Vol.No;82, Page No: 5402-5408,Feb 2020.

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International Journal

S. No.	Paper
1.	Dr.E.Kaliappan,B.Ponkarthika ,” “ Full bridge inverter fed multiple IH load system” Journal of Electrical Engineering,2018
2.	P.Marishkumar , “Novel fast sweeping method based MPPT for assessment of PV fed water pumping system under partial shading condition” Journal of Electrical Engineering,2018.
3.	K.V.Thilagar, Dr.K.Mala, P.Marishkumar , “Performance analysis of high gain interleaved boost converter with voltage multiplier for drip irrigation” Journal of Electrical Engineering,2018.
4.	Dr.K.Mala , “Realtime implementation of IOT for monitoring DC bus and to analyze the technical feasibility of using BLDC wind generator for RO based desalination applications” Journal of Electrical Engineering,2018.

Academic Year: 2017-2018
International Journal

S. No.	Paper
1.	P.Marish kumar, J.Lydia, ” Design and Implementation of Photovoltaic Inverter system using Multi-cell Interleaved Fly-back Topology”, International Journal of Chem Tech Research(IJCRGG), ISSN NO. 0974-4290, Vol.No-10, Issue No-14, Pg.No: 300-308, 2017.
2.	P.Marish kumar, K.A.Indu Sailaja, Keerthana R, ” Hybrid MPPT Technique Using Fuzzy Logic and Ant Colony for Effective Solar Pumping Head”, International Journal of Chem Tech Research(IJCRGG), ISSN NO. 0974-4290, Vol.No-10, Issue No-14, Pg.No: 309-321, 2017.
3.	P.Marish kumar, K.A.Indu Sailaja, G.Vignesh, ” Threshold Monitoring System for Improving Baysman’s Performance”, International Journal of Chem Tech Research(IJCRGG), ISSN NO. 0974-4290, Vol.No-10, Issue No-14, Pg.No: 353-361, 2017.
4.	M.Deva Brinda, A. Suresh, M. R. Rashmi, “Optimal sizing and distribution system reconfiguration of hybrid FC/WT/PV system using cluster computing based on harmony search algorithm”, Springer science+business media, LLC , part of springer nature , Jan 2018. pp:1-6.
5.	M.Deva Brinda, A. Suresh, M. R. Rashmi, ”Implementation of Web Context to Monitoring Load Frequency Control in a Deregulated Environment with Consideration of the Governor and Boiler Dynamics”, Wireless Personal Communications, Online ISSN 1572-834X, Springer US, 01 February 2018. pp:1-17
6.	Dr.E.Kaliappan, Manimaran.S, Kishore Goutham.K.S, Keerthivasan.S,” Mine Detection BOT”, IJSRD - International Journal for Scientific Research & Development Vol. 6, Issue 02, 2018 ISSN (online): 2321-0613, pp544-548.
7.	M.Deva Brinda, ” Concurrent PV Conditioner with Interleaved Buck Converter Using Model Predictive Control”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering , ISSN (Print) : 2320 – 3765 ISSN (Online): 2278 – 8875, Vol. 7, Issue 4, April 2018.
5.	Dr.R.karpagam, ” Influence of fluoride for enhancing bioactivity onto phosphate based glasses”, Journal of Non-Crystalline Solids, Volume 493, 1, Pages 108–118, 2018.
6.	M.Padmapriya, ” A High-Voltage-Gain DC–AC Converter Based on Revised Dickson Charge Pump Voltage Multiplier”, IJSRD - International Journal for Scientific Research & Development Vol. 6, Issue 02, ISSN (online): 2321-0613, pp:1387-1391, April 2018.
7.	M.Padmapriya, Saravanan R , Padmanaban U, Santhosh Kumar M, Shankara Narayanan K,” IoT based smart energy meter”, International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X, Volume 4, Issue 2, pp:20171-2073, April 2018.
8.	Dr.E.Kaliappan, Mohanram, Naganathan.N, Nagarajan.G, Nirmal.M.S,” Smart Personal Transporter”, International Journal of Innovative Research in Technology, Volume 4, Issue 11, May 2018.

9.	Deva Brinda, M. , Reshma, K., Poongothai, R. and Praveena, L,”Optimization Of Fault Current Limiter Placement Using Etap Software”, International Journal of Recent Advances in Multidisciplinary Research “,Vol. 05, Issue 03, pp.3700-3707, March, 2018
10.	B.Ponkarthika , Dr.E.Kaliappan , V.Vijeesh,” Smart Voice Navigation System and Advanced Cane for Visually Impaired Person”, International Journal Of Innovative Research In Technology (IJIRT), Volume 5 Issue 1 , ISSN: 2349-6002,June 2018.
11.	J.Lydia,” Advanced vehicle tracking system with cloud based geo- position monitoring system”, International Journal of Engineering Research & Technology (IJERT) ,ISSN: 2278-0181 Volume ,Issue 02, April 2018.
12.	J.Lydia,” IOT based child localization system”,International Journal of Engineering Research & Technology (IJERT) ,ISSN: 2278-0181 Volume ,Issue 02, April 2018.
13.	J.Lydia,” Dual triple port dc-dc converter”, “Iaetsd Journal For Advanced Research In Applied Sciences”,Volume 5, Issue 4, Issn No: 2394-8442, April/2018.
14.	B.Ponkarthika , Dr.E.Kaliappan , V.Vijeesh,” Self Generative Electric Vehicle”, International Journal of Scientific Research & Engineering Trends Volume 4, Issue 3, ISSN (Online): 2395-566X, May-June-2018.
15.	M. Deva Brinda , A. Suresh,M.R. Rashmi,” A literature survey on LFC in a deregulated electricity environment“,World Review of Science, Technology and Sustainable Development, Vol.14, No.1, pp.1 – 10,2018
16.	Dr.R.Karpagam,G. Swaminathan, Tharun. G, Sakthivel. T, Venkatesh. V,” Highly sensitive pin-accessibility for ATM using human body communication”, International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X Impact factor: 4.295 (Volume 4, Issue 2),PP:1931-1934,June 2018.

Academic Year: 2016-2017
International Journal

S. No.	Paper
1.	Poorani S and Murugan R , “A Non-Linear Controller for Forecasting the Rising Demand for Electric Vehicles Applicable to Indian Road Conditions” International Journal of Electrical and Computer Engineering, Vol.6, No.5
2.	A. Joseline Metilda , Dr. C. Sharmeela, “Parallel Active Filter for Twelve Pulse Controlled Rectifier based on Predictive Current Control”, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Special Issue Sept 2016, pp. 557-574.

3.	Smilee Mathuram , C.Sharmeela, "An Advanced Zigbee Stack for Effective Data Handling and Management" Middle East Journal of Scientific Research
4.	Keerthana.R , Sreeram.V Surendar Rahul.R. Suresh Kumar.S Yuvaraj.J, "Advanced Toll automation using RFID" International Journal of Innovative Research and Advanced Studies, Volume 3 Issue 8, July 2016.
5.	B.Ponkarthika, V.Vijeesh and P.Divya , "Implementation of Peltier Sensor for Voltage Generation from Human Body", International Journal for Scientific Research & Development, Vol. 4, Issue 06, 2016 ISSN (online): 2321-0613
6.	P.Divya, B.Ponkarthika and V.Vijeesh , "Integration of on-Board Diagnostics for Vehicular Pollution Monitoring using Internet of Things (IoT)", International Journal for Scientific Research & Development, Vol. 4, Issue 07, 2016 ISSN (online): 2321-0613
7.	Preethishri R S and Kalai Selvi K , "Push Pull Converter with PMDC Motor for Servo Applications", International Journal of Control Theory and Applications, Feb 2017, Vol. 10, Issur.02, pp. 265-273.
8.	K.V.Thialagrand Kalai Selvi K , "Design and Simulation of Interleaved DC-DC Converters for Fuel Cell Applications", International Journal of Control Theory and Applications, Feb 2017, Vol. 10, Issur.02, pp. 321-332.
9.	D.Uthirapathi and R.Karpagam , "Reconfigurable Nano Electronic Memories Design for System On- Chip", Journal on Embedded Systems, Jan 2017, Vol.05, No.1
10.	Jayandiran S, Karpagam R and Elanchezhian P, "Simulation and implementation of phase shifted series resonant converter", The journal of CPRI, Vol 12, issue no 3, September 2016, pp 505-510.
11.	M.Deva Brinda , Dr.A.Suresh, "Load Frequency Control of a Two Area Interconnected Power System Using Intelligent Techniques", International Journal of Printing, Packaging & Allied Sciences, Dec 2016, Vol.04, No.2.
12.	D.Ramya and M.Deva Brinda , "Grid Connected PV/Wind Hybrid System with Improved Power Quality", International Journal of Engineering Science and Computing, May 2017, Vol.7, Issue:5.
13.	Pushpakarthick.P, K.V.Thilagar, G.Vignesh and P.Senthil kumar , "Direct Flux And Torque Control Of Induction Motor Drive For Speed Regulator Using Pi And Fuzzy Logic Controllers", nternational Journal of Science and Innovative Engineering & Technology (IJSIET), Volume 3 May issue 2017, ISBN 978-81- 904760-9-6.
14.	Lydia , Aarthy and Anandhu, "Embedded Based Public Transit Aid System For The Visually Impaired", International Journal of Electrical and Electronics Engineering-ICET-2017 special edition March 2017.ISSN:2348-8379.pp31-34
15.	Pushpakarthick.P , Srividya S, Srividhya S, Fouzul Rahman and S.T.Prasanna, "Design of GRA Wind Power Generation", International Journal of Science and Innovative Engineering & Technology (IJSIET), Volume 3 May issue 2017, ISBN 978-81- 904760-9-6
16.	Pushpakarthick.P and P.Senthil kumar , "Design and Implementation Of Solar Powered Electromagnets", International Journal of Science and Innovative Engineering & Technology (IJSIET), Volume 3 May issue 2017, ISBN 978-81- 904760-9-6
17.	V.Vijeesh , Yuvaraj and Ramya, "Design and Development of Dry Leaf Recycler and Compost Depositing System", International Journal for Modern Trends in Science and Technology Vol.03, Issue No. 5, May 2017, ISSN: 2455-3778

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19.	Varun S,Vidhya venkat and E.Priya , “Code Red: Environment Recognition Safety Protocol”, International Journal for Modern Trends in Science and Technology Vol.03, Issue No. 5, May 2017, ISSN: 2455-3778

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International Journal

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3.	R. Murugan , S. Poorani , A. Keshtkar , L. Gharib , “Estimation of inductance gradient empirical formula of rails using regression analysis technique”, International Journal of Advanced Engineering Technology, Vol. VII/Issue I/Jan.-March.,2016/607-610, E-ISSN 0976-3945.
4.	G.Rajalakshmi and R.Murugan , “Improving Energy Efficiency By Choosing Appropriate Nano- Particles For Enabling Solar Vapor Generation”, International Journal of Applied Environmental Sciences, Volume 10 Number 2 (2015)
5.	R. Murugan , S. Poorani , Asghar Keshtkar , Leila Gharib , “Design of 500kJ Pulsed power supply system for electromagnetic rail gun using PSPICE simulation”, Indian journal of science and technology, Volume 8, Issue 12, June 2015, DOI: 10.17485/ijst/2015/v8i12/54936.
6.	Poorani Shivkumar, R. Murugan and B. Sangeetha, “Analysis of performance of PSO based Fuzzy logic controller for 4 phase SRM motor” Indian journal of science and technology, Vol 8(11), 55362, June 2015
7.	T. Thandapani, R. Karpagam and S. Paramasivam, “Comparative studies on Vienna rectifier topologies”, International Journal of Power Electronics,

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9	Smilee Mathuram , sharmeela and padmanaban Ramasamy, “Linear programmable load balanced data-gathering in multisink wireless sensor network”, Asian Journal of Information Technology 2016, Volume: 15, Issue: 12, Page No.: 1975 -1982.

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International Journal

S. No.	Paper
1.	K.VishnuPriya, Dr. K. Kalai Selvi , “Incremental Conductance Algorithm with Direct control using Boost Converter for Standalone PV System”, International Journal of Applied Engineering Research (IJAER), Research India Publications, ISSN 0973-4562 Volume 10, Number 6 (2015).
2.	S.Nisha parveen and Dr. K. Kalai Selvi , “Active Buck Boost (AC/AC Unit) Transformerless Grid Connected Nine Level Inverter”, International Journal of Applied Engineering Research (IJAER), Research India Publications, <i>ISSN 0973-4562 pp.30100-30105, Vol.10 No.40(2015).</i>
3.	K.V. Thilagar, Dr. K. Kalai Selvi , and K. Chinnu, “Implementation of a Two Phase Interleaved Power Factor Correction Boost Converter for Distributed Load”, International Journal of Applied Engineering Research (IJAER), Research India Publications, <i>ISSN 0973-4562, pp.30170-30174, Vol.10 No.40(2015).</i>
4.	V.Vijayalakshmi, Dr.N.O. Gunasekhar , “Mitigation of voltage sag by dynamic voltage restorer using single phase Z source inverter” International Journal of Applied Engineering Research 2014(IJAER), Research India Publications, pp. 4181-4188 , Vol. 9, No. 17 (2014)
5.	V.Vijayalakshmi, Dr.N.O. Gunasekhar , “Dynamic Voltage Restorer Using Three Phase Ac-Ac Converter” Journal of Theoretical and Applied Information Technology 10th June 2014 ISSN: 1992-8645, E-ISSN: 1817-3195, pp. 142-147.
6.	S.Poorani, Dr. R. Murugan , “Derivation Empirical Formula of Inductance Gradient of Rails for Circular Bore Geometry Using Regression Analysis Technique”, International Journal of Applied Engineering Research, (IJAER), Research India Publications, <i>ISSN 0973-4562, pp. 4741-4750, Vol.10 No.40(2015).</i>
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9.	Dr. K. Mala , A.Hemavathi, “Analysis and Design of High Voltage Gain Boost Converter For Photovoltaic Applications”, International Journal of Applied Engineering Research (IJAER), Research India Publications, <i>ISSN 0973-4562</i> , pp.30121-30125, Vol.10 No.40(2015).
10	Dr. K. Mala , Kapardi.M, Krishna.M, Ashwin.R and Pranav.G, “Automation of Household Appliances Using Touchscreen Interface”, International Journal of Applied Engineering Research (IJAER), Research India Publications, <i>ISSN 0973-4562</i> , pp.30132-30136, Vol.10 No.40(2015).
11	Aswathy J S and Dr. K. Mala , “Implementation of Bridgeless Resonant Pseudo Boost PFC Rectifier With Enabling Window Control”, International Journal of Applied Engineering Research (IJAER), Research India Publications, ISSN 0973-4562, pp.30175-30179, Vol.10 No.40(2015).
12	Dr. K. Mala , U.Om Ezhilan and A.Hemavathi, “Performance estimation of the first power module of Indian Wave Energy Plant”, International Journal of Applied Engineering Research (IJAER), Research India Publications, ISSN 0973-4562, pp.30233-30238, Vol.10 No.40(2015).
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