



# Malla Reddy Engineering College for Women

(Autonomous Institution, UGC Govt.of India)

Permanently Affiliated to JNTUH, Approved by AICTE, ISO 9001:2015 Certified Institution

NIRF-India Ranking - 2018, Accepted by MHRD, Govt. of India

Accredited by NBA and NAAC with 'A' Grade

Maisammaguda, Dhulapally, Secunderabad - 500 100.

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### 1. Dr. BALAKISHNAN PAPPAN

#### SCOPUS INDEXED

[1] Discrete Current Sensing and Incremental Conductance Algorithm For Pv System in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6S3, September 2019

[2] “Transmission Line Fault Detection, Classification and Location Using Wavelet Transform” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 503-517.

[3] “Efficient Fault Detection based on Localization and classification of Transmission line using Morlet Discrete Neuro Fuzzy Logic Wavelet Transform” in Asian Journal of Information Technology ISSN: 1682-3915, 15 (21); PP: 4325-4332, 2016.

[4] “Wavelet and Kernel Principal Component Analysis Based Fuzzy - Neuro Technique to Detect and Classify Power Transmission System Faults”, in Australian Journal of Electrical & Electronics Engineering, Vol 12 No 1, ISSN: 1448-837X (Print) 2205-362X (Online) Journal, 02 December 2015, pp: 1-13.

#### UGC INDEXED:

[1] “Transmission Line Fault Detection and Classification Using Discrete Wavelet Transform and Artificial Neural Network”

#### INTERNATIONAL/NATIONAL CONFERENCES:

[1] Fingerprint Biometric Attendance And Information System For Veterinary Hospital Doctors In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetes-2019) December 6th-7th 2019

[2] Transmission Line Fault Detection, Classification and Location Using Wavelet Transform in 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

### 2. Prof. N.RAVEENDRA

#### SCOPUS INDEXED

[1] “Comparison of Nine Switch Inverters and Five Leg Inverters with SPWM and ETAM techniques for driving two AC loads independently” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 1-15.

[2] “Comparison of PI and Fuzzy Based IPT Control Technique for PQ Improvement in a Distributed System” In International Journal of Pure and Applied Mathematics (IJPAM), ISSN (on-line): 1314-3395, Volume 118, No. 14, February 2018, pp; 585-589.

[3] “Analysis of Five-Level DSTATCOM for Harmonic Reduction in Power System Due to Non-Linear Loads” In Indonesian Journal of Electrical Engineering and Computer Science (IJECS), ISSN(on-line): 2502-4752, Volume 4 ,No. 2, November 2016,pp; 286-297.

[4] “High Gain Single Stage Three Port Converter with Domain Distribution Control for Photo Voltaic Applications” In International Journal of Pure and Applied Mathematics (IJPAM), ISSN (on-line): 1314-3395, Volume 118, No. 14, February 2018, pp; 615-624.

### **SCIENCE CITATION INDEX (SCI)**

[1] “Five-Level DSTATCOM for Power Quality Improvement Using Intelligent Controllers” Published by Elsevier Ltd. Peer-review under responsibility of the organizing committee of SP-CRTPNFE 2016, 1 June, 2016, Energy Procedia – (2016) 000-000 pp: 1-10.

[2] “PI and Fuzzy Controlled D-STATCOM Based on Power Quality Theory” in International Conference on Energy, Communication, Data Analytics & Soft Computing (ICECDS-2017), 978-1-5386-1887-5/17, and 2017, IEEE, PP: 357-362.

### **UGC INDEXED:**

[1]“Modeling and Simulation of DSTATCOM for Power Quality Enhancement in Distribution System” International Journal of Scientific & Engineering Research (IJSER) on 21<sup>st</sup> November, 2017 with ISSN: 2229-5518, Vol:6, Issue 7, pp:1265-1275.

[2] “Performance and Analysis with Power Quality improvement with Cascaded Multi-Level Inverter Fed BLDC Motor Drive”, International Journal of Recent Advances in Engineering & Technology (IJRAET), vol. 3, no. 9, pp. 94-99, August 2016. (ISSN 2347 - 2812).

[3] “A new converter Topology of Shunt APF using PQ theory applied to BLDC Drive”, International Journal of Electrical and Electronics Engineering (IJEET), vol. 4, no. 4, pp. 199-203, June 2014

[4]“Performance Analysis of Shunt Active Power Filter for Three Phase Four- Wire Distribution System ” in International Journal of Advance Research in Science & Engineering(IJARSE) (ISSN 2319-8354), Volume 02, Issue 12, December 2013.

[5]“Comparative Analysis of PWM Inverters Fed 3-Phase Induction Motor”, National Conference on Emerging Trends in Electrical Systems and Engineering, Malla Reddy Engineering College for Women, January 2014.

## **HIGH INDEXED:**

[1] “A New Shunt Active power filter for Renewable Energy Systems with Power Quality Improvement”, in Proc. National Conference on Renewable and Sustainable Energy, JNTU College of Engineering Hyderabad, 27th - 28th June 2014.

## **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] An Ornn Control Scheme Based Multi Level Dvr For Mitigation Of Power Quality Issues In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetes-2019) December 6th-7th 2019

[2] Comparison of Nine Switch Inverters and Five Leg Inverters with SPWM and ETAM techniques for driving two AC loads independently 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3] “Comparison Of PI And Fuzzy Based IPT Control Technique For PQ Improvement In A Distributed System” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2nd&3<sup>rd</sup> February, with ISBN: 9789383038558, pp: 13-16.

[4] “Design of A Three Phase Active Power Filter with Sliding Mode Control And Energy Feedback” International Conference on Emerging Trends in Electrical Systems And Engineering (ICETESE-2016) at MRECW on 19&20 August, with ISBN:9789383038435, pp:33-37.

[5] “Performance and Analysis with Power Quality Improvement with Cascaded Multi Level Inverter for BLDC Motor Drive” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, 2015, with ISBN: 9789383038350, pp: 16-21

## **3. Mrs. S. SWATHI:**

### **SCOPUS INDEXED**

[1] “Performance of Current Source Converter fed HVDC Transmission System for WECS” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 666-676.

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[1] “Smart Grid Technologies and Communication Technologies” International Journal of Electrical, Electronics and Computer Systems (IJEECS) ISSN (Online): 2347-2820, Volume -4, Issue-9, 2016, pp: 47-54.

[2] “Agent modeling for the Simulation of a Simple Smart Micro grid” International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) with ISSN: 2320-3706, Vol: 4, Issue 12, November, 2015 pp: 54-60.

[3] “Pid Plus Fuzzy Logic Controller Based Electronic Load Controller For Self Excited Induction Generator” International Journal of Advanced Research Engineering (IJARE), ISSN: 2248-9622, Vol. 4, Issue 1 (Version 3), January 2014, PP.33-38.

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] Optimal Allocation Of Distributed Generation In Distribution Network Using Acsa In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetes-2019) December 6th-7th 2019

[2] Performance of Current Source Converter fed HVDC Transmission System for WECS 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

Renewable Energy Potential in India and Future Scope 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3] “Smart Grid Technologies and Communication Technologies” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2016) at MRECW on 19<sup>th</sup> & 20<sup>th</sup> August, with ISBN: 9789383038435, pp: 112-122

[4] “Balanced voltage capacitor by using multilevel cascading STATCOM” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 40-44.

[5] “Novel VSC Based HVDC System for offshore Wind Farms” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 66-73.

[6] “Multilevel Current Source Inverter by Using Inductor Cells” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 45-55.

[7] “Optimal Allocation and Sizing of Multiple Distributed Generation in Distribution Network by Ant Colony Search Algorithm” International Conference on Emerging Trends in Engineering and Technology, ICETETS – 2015, Hyderabad on 2<sup>nd</sup> & 3<sup>rd</sup> April, 2015, pp 125-134.

[6] “Power Quality Improvement of Distribution Networks using GA” National conference on Emerging Trends in Electrical Systems and Engineering – NCETESE – 2014, Volume 1, January 2014, PP. 67-70.

[8] “Power Factor Correction by PFC Boost Topology using average current control method” National Conference on Computational Intelligence in Electrical and Electronics Engineering (NCCIEEE) in 2013, January, 2013, pp: 182-189.

#### **4. Mr. A. SANJEEV REDDY**

#### **SCOPUS INDEXED:**

[1] “Solar Modular Multi Level Converter Fed Induction Motor” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 611-624.

[2]“Detection Of Faults In Distribution Feeder Using Fuzzy Logic” In International Journal Of Pure And Applied Mathematics(IJPAM), ISSN(on-line): 1314-3395 , Volume 118 ,No. 14, February 2018,PP :605-613.

#### **UGC INDEXED:**

[1]“Economic Growth, Poverty and Energy Trends in Colombia: Long Run Relationship and Short Run Dynamics Effects” International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) with ISSN: 2348-4845, Vol: 2, Issue 11, November, 2015 pp: 1354-1360.

[2]“Performance Analysis of Shunt Active Power Filter for Three Phase Four- Wire Distribution System ” in International Journal of Advance Research in Science & Engineering(IJARSE) (ISSN 2319-8354), Volume 02, Issue 12, December 2013.

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]Tlbo Tuned Pi Controller Based Statcom for Pq Improvement In A Distribution System In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetese-2019) December 6th-7th 2019

[2]Solar Modular Multi Level Converter Fed Induction Motor 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3]“Detection Of Faults In Distribution Feeder Using Fuzzy Logic” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup>&3<sup>rd</sup> February, with ISBN:9789383038558, pp: 59-66.

[4]Renewable Energy Potential In India” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup>&3<sup>rd</sup> February, with ISBN: 9789383038558, pp:129-134.

[5] “Low Modulation-Index Operation of a Multilevel Diode Clamped inverter for a PMSM Drive” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 84-90.

[6] “Frequency stabilizers in interconnected power systems” national Conference on Emerging Trends in Electrical Systems and Engineering (NCETESE-2014) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> January, pp: 151-158.

#### **5. Mr. V.VIJAY KUMAR NAIK**

#### **SCIENCE CITATION INDEX (SCI)**

[1] “Fault detection and identification of power Transformer using Wavelet-packet-Transform. International Conference on Power, Control, Signals and Instrumentation Engineering. ICPCSI-2017, 978-1-5386-0814-2/17 ©2017 IEEE March-2017, pp: 2138-2143.

### **SCOPUS INDEXED**

[1] Differential Protection for Power Transformer using ANFIS with Wavelet Transform, ISSN NO 0886-9367, december,2019

[2] “Enhance Power Quality of Grid Connected SECS System based on PI Controller” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 642-651.

[3]“Review of optimal integrated control strategies for renewable energy based microgrid system” In International Journal Of Pure And Applied Mathematics(IJPAM), ISSN(on-line): 1314-3395 , Volume 118 ,No. 14, February 2018,PP :17-26.

### **UGC INDEXED:**

[1]“Dynamic Power System Model Operation with Highly Integration of Wind Power”in IJMETMR (International Journal & Magazine of Engineering, Technology,Management and Research) on November-2016

[2]“Pid plus Fuzzy logic Controller Based Electronic Load Controller For Self Exited Induction Generator” in IJERA(International Journal of Engineering Research and Applications) on January-2014.

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]Differential Protection Forpower Transformer Using Anfis With Wavelet Transform In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetesese-2019) December 6th-7th 2019

[2]A Literature review on Active- Neutral Point Clamped (ANPC) inverter topologies, modulations and applications 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3]Enhance Power Quality of Grid Connected SECS System based on PI Controller4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[4]“Review of optimal integrated control strategies for renewable energy based micro grid system” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup>&3<sup>rd</sup> February, with ISBN:9789383038558, pp:44-52.

[5] “Analysis of different Control Methods of Micro Grid” International Conference on Emerging Trends in Electrical Systems And Engineering (ICETESE-2016) at MRECW on 19&20 August, with ISBN:9789383038435, pp:38-34.

[6] “Maximum Power point tracking by Design and Control Method of Photo Voltaic System” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, 2015, with ISBN: 9789383038350, Volume2, PP.78-83.

[7] “Protection of power Transformer using Wavelets & ANN” national Conference on Emerging Trends in Electrical Systems and Engineering (NCETESE-2014) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> January, pp: 151-158.

## **6. Mr. V. BRAHMAM YADAV**

### **SCOPUS INDEXED**

[1] “Grid Power Quality Improvement In Wind Energy System Using Three And Four Leg Inverter Control” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 518-528.

[2] “Power Flow Control In Grid Connected PV System Using Cascaded Modular Multilevel Converter” In International Journal Of Pure And Applied Mathematics (IJPAM), ISSN(on-line): 1314-3395 , Volume 118 ,No. 14, February 2018,PP:599-604.

### **UGC INDEXED:**

[1] “Economic Growth, Poverty and Energy Trends in Colombia: Long Run Relationship and Short Run Dynamics Effects” International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) with ISSN: 2348-4845, Vol: 2, Issue 11, November, 2015 pp: 1354-1360.

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]Grid Active Power Improvement In Wind Energy System Using Static Compensator And Battery Energy Storage System In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetese-2019) December 6th-7th 2019

[2]Grid Power Quality Improvement In Wind Energy System Using Three And Four Leg Inverter Control 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3]“Power Flow Control In Grid Connected PV System Using Cascaded Modular Multilevel Converter” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup>&3<sup>rd</sup> February, with ISBN:9789383038558, pp:109-113.

[4]“A PV System with Power Flow Management Supplying DC and AC Loads” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2016) at MRECW on 19<sup>th</sup> &20<sup>th</sup> August, with ISBN:9789383038435, pp: 103-111.

[5]“Quality Improvement in Power System using Flexible STATCOM by Mitigating the Effects of Faults” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 32-39.

[6]“Multilevel Current Source Inverter by Using Inductor Cells” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 45-55.

## **7. Mr. V. NARESH**

### **SCOPUS INDEXED**

[1] Effective Power quality improvement of Solar Distribution Power Generation employing Predictive control Based DSTACOM in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 557-566.

[2]“A DC/DC Converter-Based Torque Control Stratagem For SRM” In International Journal Of Pure And Applied Mathematics (IJPAM), ISSN(on-line): 1314-3395 , Volume 118 ,No. 14, February 2018,PP: 625-630.

### **UGC INDEXED:**

[1] “Dynamic Power System Model Operation with Highly Integration of Wind Power” International Journal & Magazine of Engineering, Technology, Management & Research (IJMETMR) with ISSN: 2348-4845, Vol: 2, Issue 11, November, 2015 pp: 1348-1353.

[2]“Balanced voltage capacitor by using multilevel cascading STATCOM” International Conference on Emerging Trends in Electrical Systems and Engineering Technology and Science (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 40-44.

### **INTERNATIONAL/NATIONAL JOURNALS:**

[1] “Multi level cascaded STATCOM oriented control of dc balanced voltage capacitor” (international journal of computer and electronic research (IJCER)-ISSN No: 2278-5795).

### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]Improvement Of Power Quality In Solar Distribution Power Generation Using Dstacom In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetes-2019) December 6th-7th 2019



[2]Effective Power Quality Improvement Of Solar Distribution Power Generation Employing Predictive Control Based DSTACOM 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3]“A DC/DC Converter-Based Torque Control Stratagem For SRM” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup>&3<sup>rd</sup> February, with ISBN:9789383038558, pp:87-91.

[4] “PWM Technique using POD for Five-Level Inverter” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2016) at MRECW on 19<sup>th</sup> & 20<sup>th</sup> August, with ISBN: 9789383038435, pp: 67-71

[5]“Multilevel Current Source Inverter by Using Inductor Cells” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 45-55.

[6]“Quality Improvement in Power System using Flexible STATCOM by Mitigating the Effects of Faults” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2015) at MRECW on 3<sup>rd</sup> & 4<sup>th</sup> July, with ISBN: 9789383038350, pp: 32-39.

## **8. Mr. R.KUMARA SWAMY**

### **SCOPUS INDEXED**

[1] “A Literature review on Active- Neutral Point Clamped (ANPC) inverter topologies, modulations and applications” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 677-694.

[2] “A Survey On Diode-Clamped Inverter Topologies, Modulations And Applications” In International Journal Of Pure And Applied Mathematics (IJPAM), ISSN(on-line): 1314-3395 , Volume 118 ,No. 14, February 2018,PP: 637-644.

### **UGC INDEXED:**

[1] “Two Stage Solar PV Based With Battery Energy Storage System for Induction Motor Drive”. [International Journal of Research Available at <https://edupediapublications.org/journals> p-ISSN: 2348-6848 e-ISSN: 2348-795X Volume 03 Issue 14 October 2016.

[2]”Eleven Level Cascaded Symmetrical Inverter for Grid Connected System” [International Journal of Research Available at <https://edupediapublications.org/journals> p-ISSN: 2348-6848 e-ISSN: 2348-795X Volume 03 Issue 14 October 2016].

[3]”RES Based Dynamic Voltage Restorer with Controllable DC-Link Voltage for Induction Motor Applications”. [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.25, September-2016, Pages: 5184-5189]

[4] "An Integrated PV Based DVR for Power Quality Improvement in Distribution System". [International Journal of Advanced Technology and Innovative Research Volume. 08, IssueNo.12, September-2016, Pages: 2278-2284]

**HIGH INDEXED:**

[1] "Fuzzy Controlled Bridgeless Converter for Power Quality Improvements of SMPS". [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.28, September-2016, Pages: 5934-5939]

[2] "A Novel Isolated DC-DC Converter for High Step-Up Ratio for Grid Connected Applications". [International Journal of Advanced Technology and Innovative Research Volume. 08, IssueNo.11, September-2016, Pages: 2166-2173].

[3] "Reduced Switches Three-Phase Inverter Using Photovoltaic Systems fed Induction Motor Load". [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.08, April-2016, Pages: 1478-1482]

[4] "Fuzzy based Wind Generator Fed Induction motor Drive with Power factor Correction". [International Journal of Advanced Technology and Innovative Research Volume.08, IssueNo.02, February-2016, Pages: 0263-0268]

[5] "High performance of Asymmetric-Twin converter based STATCOM Application to Induction motor Drive". [International Journal of Electrical and Electronics Engineering (IJEEE), ISSN (PRINT): 2231 – 5184, Volume-4, Issue-3, 2014]

[6] A Novel Asymmetrical Multilevel Inverter with Switched Capacitor Units for AC Motor [International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (An ISO 3297: 2007 Certified Organization) Vol. 5, Issue 9, September 2016]

[7] A Novel Three-Phase Hybrid Multilevel Inverter Using Switched Capacitor Units for Industrial Applications. [International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (An ISO 3297: 2007 Certified Organization) Vol. 5, Issue 8, August 2016 Copyright to IJAREEIE DOI:10.15662/IJAREEIE.2016.0508076 7073]

[8] A new PV-cell based compact power electronic converter for Integration of Electric Vehicle and Grid. [International Journal of Research Available at <https://edupediapublications.org/journals> p-ISSN: 2348-6848 e-ISSN: 2348-795X Volume 03 Issue 13 September 2016].

[9] High Gain Efficient Interleaved Dc-Dc Converter for Induction Motor Applications. [International Journal of Research (IJR) e-ISSN: 2348-6848, p- ISSN: 2348-795X Volume 2, Issue 12, December 2015 Available at <http://internationaljournalofresearch.org>]

[10] Fuzzy Controlled DC Microgrid Based AC Intelligent Grids. [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.27, September-2016, Pages: 5493-5499]

[11] Enhancement of Power Factor with Fuzzy Controlled Bridgeless Isolated Cuk Converter-Fed Brushless DC Motor Drive. [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.33, October-2016, Pages: 6926-6934]

[12] Simulation of FACTS Devices to Compensate Voltage Flickers Caused By Faults and Induction Motor Loads.[ International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.26, September-2016, Pages: 5278-5283]

[13] PV Cell Fed Step-up Resonant Converter for Induction Motor Drive Application. [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.26, September-2016, Pages: 5245-5251]

[14] Enhancement of Power Quality with Multilevel Inverter Based IPQC for Microgrid. [International Journal of Scientific Engineering and Technology Research Volume.05, IssueNo.27, September-2016, Pages: 5479-5486]

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1]Design Of Lyapunov Function Based Model Predictive Controlled Wind Solar Hybrid System Fed Bldc Motor For Commercial Applications In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetes-2019) December 6th-7th 2019

[2]A Literature review on Active- Neutral Point Clamped (ANPC) inverter topologies, modulations and applications 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3] “A Survey On Diode-Clamped Inverter Topologies, Modulations And Applications” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup> & 3<sup>rd</sup> February, with ISBN:9789383038558, pp:80-96.

#### **9. Mr. SAIDARAO NERELLA**

#### **SCOPUS INDEXED**

[1] “Hani packed U-cell (HPUC) Multi-level Multi-Output Bidirectional Buck Power Factor Correction Rectifier” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 597-610.

[2] “High Performance Control Strategy Of A LCC HVDC System For Power System Enhancement” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 529-540.

[3] “Scopus Indexed Design and Control of Energy Management System with Storage by Using Fuzzy” In International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 541-556.

[4] “Effective Power quality improvement for Grid Connected PV System Employing UPQC” in International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 582-596.

[5] “Scopus Indexed Design and Control Of Energy Management System With Storage By Using Fuzzy” In International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 1-10.

[6] “High Performance Control Strategy of a LCC HVDC System for Power System Enhancement” In International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 1-14.

[7]“Detection Of Faults In Distribution Feeder Using Fuzzy Logic” In International Journal Of Pure And Applied Mathematics(IJPAM), ISSN(on-line): 1314-3395 , Volume 118 ,No. 14, February 2018,PP :605-613.

#### **HIGH INDEXED:**

[1] " A New PFC Rectifier for Air conditioner Applications” in IJAIR (2278-7844) Volume 3 Issue 9 September 2014

[2] "Simulation of Buck-Boost-Type Unity Power Factor Rectifier with and without controlled switch" in International Journal of Advanced and Innovative Research (2278-7844) / # 106 / Volume 2 Issue 9 September 2013

[3] “A Novel High Performance Three Phase Reduced Switch Count Power Converter for Induction Machine Drive Applications “in IJIFR (2347-1697) volume 2 Issue 1 September 2014.

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

[1] Pwm Control of Soft-Switched Single Switch Isolated Dc-Dc Converter In 5th International Conference On Emerging Trends In Electrical Systems & Engineering (Icetese-2019) December 6th-7th 2019

[2] Hani packed U-cell (HPUC) Multi-level Multi-Output Bidirectional Buck Power Factor Correction Rectifier 4th International Conference on Emerging Trends in Electrical Systems & Engineering (ICETESE – 2019), Feb 8th– 9th, 2019

[3]”Renewable Energy Potential In India” International Conference on Emerging Trends in Electrical Systems and Engineering (ICETESE-2018) at MRECW on 2<sup>nd</sup>&3<sup>rd</sup> February, with ISBN: 9789383038558, pp:129-136.

## **10. Mrs. NAGAMANI AREKALLU**

### **SCOPUS INDEXED**

[1] “Scopus Indexed Design and Control Of Energy Management System With Storage By Using Fuzzy” In International Journal of Engineering & Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019, pp: 541-556.

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