

Shri Ramdeobaba College of Engineering & Management, Nagpur

Department of Electrical Engineering

**Paper Publication in Journal & Conference**

**A. International / National Journals**

<b>Year 2015-16: International Journal</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s)</b>	<b>Name of conference/Journal- Volume, issue, PP</b>	<b>Date of Publication</b>
1	Speed Estimator for Induction Motor Drive based on Synchronous Speed Tracking”	1.S. B. Bodkhe 2. M. V. Aware 3. J. G. Chaudhari 4. J. G. Agrawal	Sadhana Academy Proceedings in Engineering Science, Vol 40,Part 4 pp:1241-1256 (SCI)	June 2015
2	Steady-State Analysis and Comparison of Control Strategies for PMSM	1.Jyoti Agrawal 2.S. B. Bodkhe	International Journal of Modelling and Simulation in Engineering ,Volume 2015, Article ID 306787, 11 pages, <a href="http://dx.doi.org/10.1155/2015/306787">http://dx.doi.org/10.1155/2015/306787</a> (SCOPUS Indexed).	
3	Simulation of Elliptical Relay for Long Transmission Line Protection using MATLAB	1.Mr. Abhishek Bagh 2.Prof. T. G. Arora	International Journal of Science & Research Engineering (IJSR), Vol. 5, issue 5, (on line SSN: 2319-7064).	May 2016
4	Experimental Study of Low Speed Sensorless Control of PMSM Drive	Dr. S. B. Bodkhe	International Journal of Advances in Electrical &	March 2016

	Using High Frequency Signal Injection		Electronic Engineering, Vol. 14, No. 1, pp.29-39, (SCOPUS Indexed).	
5	Simulation of Static Mode and Dynamic Mode of Microcantilever Structures	Prof. M. Sahu	International Journal of Advance Engineering and Research Development (IAERD), Vol. 3, issue 3, pp. 126-129, e-ISSN: 2348-4470, p-ISSN:2348-6406.	March 2016
<b>Year 2016-17: International Journal</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s)</b>	<b>Name of conference/Journal-Volume, issue, PP</b>	<b>Date of Publication</b>
6	High Input Power Factor High frequency Push-pull DC/DC Converter	1. S. H. Deshmukh 2. A Sheikh 3. M. Giri 4. D. R. Tutakne	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), e-ISSN: 2278-1676, ISSN: 2320-3331, Vol. 11, Issue 4, ver.IV. pp. 42-47,	July- Aug. 2016
7	Novel Basic Block of Multilevel Inverter Using Reduced Number of On-State Switches and Cascaded Circuit Topology	1. Aparna Prayag 2. S. B. Bodkhe	International Journal on Advances in Electrical Engineering, Volume 2017 (2017), Article ID 5640926, doi: org/10.1155/2017/5640926.	March 2017
8	Battery Operated Sine Wave Inverter	1. Manshi Khandelwal 2. S. H. Deshmukh 3. D. R. Tutakne	International Journal for Research Trends and Innovation, Vol. 2, Issue. 4, ISSN: 2456-3315	April- 2017
9	On line Condition Monitoring System for Submission and service Transformer	1. Gajanan. C. Jaiswal 2. M. S. Ballal 3. D. R. Tutakne	IET Journal (Institute of Engineering and Technology), ISSN 1751-8660, doi: 10.1049/ietepa.2016.0842	28 March 2017 (accepted)

10	Photovoltaic based LED Lighting with Maximum Power Point Tracking	1. Uday B mujumdar, 2. D. R. Tutakne	Energy Procedia, Science Direct. (2017) 682–689, ISSN: 1876-6102	May 2017
<b>Year 2017-18: International Journal</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s)</b>	<b>Name of conference/Journal-Volume, issue, PP</b>	<b>Date of Publication</b>
11	Improved Performance of Modular Multilevel Converter for Induction Motor Drive	1. P. V. Kapoor 2. M. M. Renge	International Journal Energy Procedia Elsevier having ISSN 1876-6102 with DOI 10.1016/j.egypro.2017.05.146 , vol. 117c,pp.361-368.	June 2017
12	Novel Basic Block of Multilevel Inverter using Reduced Number of On-State Switches and Cascaded Circuit Topology	1. Aparna Prayag 2. S. B. Bodkhe	International journal of Advances in Electrical Engineering Volume 2017, Article ID 5640926, 15 pages, published by Hindawi	April 2017
13	Installation and Commissioning of a 100kW Rooftop Solar Power Plant	Pankaj Sawarkar	Indian Journal of Science and Technology, Vol 10 (27), DOI:10.17485/ijst/2017,	July 2017.
14	Steady State Performance Improvement of Direct Torque Control Induction Motor Drive	S. B. Bodkhe	Journal of Adv. Research in Dynamical & Control Systems, 08-Special Issue, July 2017, ISSN 1943-023X	July 2017
15	Novel Symmetric and Asymmetric Multilevel Inverter Topology for Permanent Magnet Synchronous Motor	S. B. Bodkhe	International Journal of Power Electronics & Drive System (IJPEDS) Vol. 8, No. 3, , ISSN: 2088-8694, DOI: 10.11591/ijpeds.v8i3.pp1002	September 2017
16	New Inverter Topology for Independent	1.Gaurav Goyal		September 2017

	Control of Multiple Loads	2. Mohan Aware	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 19 (2017) pp. 8913-8920	
17	Quality Improvement of VSI fed to Five-Phase Induction Motor with FHI Control Technique	1 S.C. Rangari 2.H. M. Suryawanshi 3. Bhavika Shah	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 18 (2017) pp. 7656-7662	Sep 2017
18	Asymmetric H-bridge Single-Phase Seven-Level Inverter Topology with Proportional Resonant Controller	1. P.A.Salodkar 2. P.S.Kulkarni 3.Manoj Waghmare 4. Sandip N.	IETE Journal of Research (SCI-E), paper published on 6th Dec. 2017	October 2017
19	Protection Scheme For Fixed Series Compensating Devices Using MOV And Spark Gap	Prof. Piyush Khadke Dr. Nita Patne Ms. Monica Shelke3	International Journal Of Engineering Sciences & Research Technology ISSN: 2277-9655 Volume/Issue: 6(10)	October, 2017
20	Computation of Energy Loss in an Induction Motor during Unsymmetrical Voltage Sags-A Graphical Method	V. A. Huchche, N.R.Patne and A.S.Junghare	IEEE Transactions on Industrial Informatics. DOI: 10.1109/TII.2017.2763606	16 October 2017
21	Comparative Analysis of Modular Multilevel Converter with different Modulation technique for Control of Induction Motor Drive	1. P. V. Kapoor 2. M. M. Renge	Microsystem Technologies, Springer ISSN 0946-7076	5th Jan 2018.
22	Study of Single Phase Multilevel Inverter for PV Application	1. Shivani Joshi, 2. Vaishnavi Deshmukh 3. Mitali Kondukwar, 4. Riya Yadav 5. P. A. Salodkar	International Journal of Engineering Research in Electrical and Electronic Engineering (IJEREEE), vol. no. 4, Issue 3, pp. 278-282, ISSN (Online) 2395-2717.	March 2018
23	Novel Z-Source High Frequency High	Sangita Deshmukh	International Journal of	April 2018

	Power Factor AC-DC Converter		Applied Engineering Research, ISSN 0973-4562 Volume 13, Number 8 (2018) pp. 6306-6314 by Research India Publications.	
24	Photovoltaic based LED Lighting with Maximum Power Point Tracking	1.Uday B mujumdar, 2. D. R. Tutakne	Energy Procedia, Science Direct. (2017) 682–689, ISSN: 1876-6102	May 2017
<b>Year 2018-19: International Journal</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s)</b>	<b>Name of conference/Journal-Volume, issue, PP</b>	<b>Date of Publication</b>
25	New Fault-Tolerant Control Strategy of Five-Phase Induction Motor with Four-Phase and Three-Phase Modes of Operation	1. S. C. Rangari 2. M. M. Renge	MDPI Electronics, 7(9), p.159;doi: 10.3390/electronics 7090159 (SCI)	July 2018
26	Generation of SPWM Control Pulses for ZSI Using dsPIC33EP256MU810	1. Punam C Moundekar 2. Gaurav Goyal 3. M.M.Renge	Helix Journal Vol. 8(6): 4453- 4459 DOI 10.29042/2018-4453-4459	October 2018
27	An Integrated Converter Model and Enhanced Control Approach for Torque Ripple Minimization of Switched Reluctance Motor: A CMFG-RNN Technique	1. Megha Chaple 2. Sanjay Bodkhe,	International Journal of Ambient Energy (Taylor & Francis), DoI:10.1080/01430750.2018.1507927,	December 2018,
28	Development of Energy Management System for Residential Load in India	1. Archana Talhar, 2. Sanjay Bodkhe 3. Anjali Chandane	Helix-The Scientific Explorer Journal, DoI: 10.29042/2018-4394-4399,	December 2018,
29	Life Model for PWM controlled Induction Motor Insulation using Design of Experiments Method	1. T. G. Arora 2. M. V. Aware	Journal of Electric Power Components & System , DoI: 10.1080/15325008.2019.1566843, ISSN: 1532-5008	January 2019
30	A Complete Analysis of New Generalized Asymmetric Multilevel	1. Aparna Prayag 2. Sanjay Bodkhe,	International Journal of Electrical Engineering, Volume 6,	2018

	Inverter Topology		Issue 11, November, , ISSN 2321-600X, pp. 15-24,	
31	Study and Implementation of Real Time Tariff for Residential Load in Other Countries and Proposing the Same for India	1. Archana Talhar, 2. Sanjay Bodkhe	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol 8, issue 5, pp 282-287, ISSN: 2278-3075,	March 2019
32	Independent active–reactive power control scheme for NSC-drive operated at constant frequency,	1. C. N Jibhakate, 2. M.A Chaudhari 3.Mohan M Renge	<a href="#">EPE Journal</a> : European Power Electronics and Drives, Published online: 09 Apr 2019, <a href="https://doi.org/10.1080/09398368.2019.1598171">doi.org/10.1080/09398368.2019.1598171</a> , Print ISSN: 0939-8368 Online ISSN: 2376-9319	09 Apr 2019,
33	Performance Evaluation of DSSC as Distributed Power Flow Controller in Transmission Network,	1. S. R. Gaigowal 2. Mohan M Renge	<i>International Journal of Engineering &amp; Technology</i> , <a href="#">Vol 7, No 4.28 ,2018</a> pp. 585-590. <b>ISSN:</b> 2227-524X.	2018
34	Speed Sensorless Vector Controlled SMPMSM Drive Based on Modified MRAS with Single Current Sensor	1. Jyoti Agrawal 2. Sanjay Bodkhe	<i>IETE Journal of Research</i> , Vol. 65, pp 1 to 15, ISSN: 0377-2063 (Print) 0974-780X (Online) , <a href="https://doi.org/10.1080/03772063.2019.1627915">10.1080/03772063.2019.1627915</a>	June, 2019
35	Study and Analysis of Dynamic Pricing in India and Proposing for Residential Consumers in Maharashtra	1. Archana Talhar, 2 Sanjay Bodkhe	<i>International Journal, Helix – The Scientific Explorer</i> , Vol 9, No. 2, pp 4870 – 4877, E-ISSN: 2319-5592; P-ISSN: 2277-3495, <a href="https://doi.org/10.29042/2019-4870-4877">10.29042/2019-4870-4877</a>	April 2019
36	The Global Survey of Electrical Energy Distribution System: A Review	1. Archana Talhar, 2. Sanjay Bodkhe	International Journal of Electrical and Computer Engineering (IJECE), Vol. 9, No. 4, pp 2247-2255, ISSN: 2088-8708, <a href="https://doi.org/10.11591/ijece.v9i4">10.11591/ijece.v9i4</a>	August 2019
37	Fault Classification and Faulty Phase Selection Using Symmetrical Components of Reactive Power for EHV Transmission Line	1. Piyush Khadke, 2. Nita Patne, 3. S. Bolisetty	Book Chapter: Applications of Artificial Intelligence Techniques in Engineering, pp 31-42 978-981-13-1819-1, <a href="https://doi.org/10.1007/978-981-13-1819-1_4">https://doi.org/10.1007/978-981-13-1819-1_4</a>	March 2019

38	Protection Scheme using RPI Concept in STATCOM Compensated EHV System	1. Anuradha Kurekar, 2. Piyush Khadke	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue 9, pp 2730 to 2733, ISSN: 2278-3075, I8136078919/19©BEIESP	July 2019
39	Voltage Stability Indices Calculation of Large Bus Power System	1. Swati Pande 2. Sagar Telrandhe 3. Dr. S. D. Naik	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE-2019), Vol. 7, Issue 3 ISSN : 2321-2004	March 2019
40	Four phase (8/6) SRM with DTC for minimization of torque ripple	1. Megha Chaple 2. Sanjay Bodkhe	International Journal of Electrical Engineering & Education, ISSN: 0020-7209, Online ISSN: 2050-4578, <a href="https://doi.org/10.1177/0020720919841686">DOI: 10.1177/0020720919841686</a>	May 2019

## B. International & National Conference

<b>Year 2015-16: Conference</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s) and Affiliation</b>	<b>Name of conference/Journal- Volume, issue, PP</b>	<b>Date of Publication</b>
1	“Single phase grid connected reduced switch multilevel inverter for photovoltaic system”	1.Ms Monali Samarth 2.S.G.Kadwane	PCITC 2015,Bhubaneswar	15-17 <sup>th</sup> October 2015 (unpaid)
2	“Low Speed Sensorless Control of PMSM Drive Using High Frequency Signal Injection”	1.Jyoti Agrawal (G.H.R.C.O.E.) 2. Sanjay Bodkhe	12 <sup>th</sup> IEEE India International Conference INDICON 2015,New Delhi	17 <sup>th</sup> -20 <sup>th</sup> Dec 2015 (paid)
3	“Twelve Pulse LCC based Grid Tied Solar PV System for Improved Power Quality and Harmonic Mitigation”	1.Jyoti M. Kumbhare (Y.C.C.E Nagpur); 2.Mohan M. Renge	12 <sup>th</sup> IEEE India International Conference INDICON 2015,New Delhi	17 <sup>th</sup> -20 <sup>th</sup> Dec 2015 (paid)
4	Reactive Power Compensation using D-STATCOM	1.Vinay Mahendra Awasthi 2.Mrs. V. A. Huchche	International Conference on Energy Efficient Technologies for Sustainability 2016 (ICEETS-2016), Nagercoil, Tamil Nadu, India	7 <sup>th</sup> -8 <sup>th</sup> April, 2016
5	A novel energy efficient combined extinction angle and PWM controlled three phase induction motor drive	1.Medha R. Giri 2.Mrs. S.H.Deshmukh 3.Dr. D.R. Tutakne 4.Er. Gajanan C. Jaiswal	National Conference on Clean Energy, Nagpur, Maharashtra, India	5 <sup>th</sup> -6 <sup>th</sup> March, 2016
6	A novel extinction angle and PWM controlled three phase induction motor drive	1.Medha R. Giri 2.Mrs. S.H.Deshmukh 3.Dr. D. R. Tutakne	2 <sup>nd</sup> international conference on recent trends in electrical engineering (ICRTEE- 2016), Nagpur, Maharashtra, India	22 <sup>nd</sup> -23 <sup>rd</sup> January, 2016
7	Transformer Protection by Distinguishing Inrush and Fault Current with Harmonic Analysis Using Fuzzy Logic	1.Madhura Deshmukh 2.Vinay Barhate	2016 International Conference on Control and Robotics Engineering (ICCRE – 2016), Singapore	2 <sup>nd</sup> – 4 <sup>th</sup> April, 2016



8	A development of efficient controller for LED lighting using microcontroller	1.Kapil Jangid 2.Mr. U.B. Mujumdar	National Conference on clean energy, Nagpur, Maharashtra.	5 <sup>th</sup> -6 <sup>th</sup> March, 2016
9	Reduction of Common Mode Voltage Using Multi Level Inverter	1.Aniruddha V. Jadhav 2.P. V. Kapoor	International Conference on Energy Efficient Technologies for Sustainability 2016 (ICEETS-2016), Nagercoil, Tamil Nadu, India	7 <sup>th</sup> -8 <sup>th</sup> April, 2016
10	Harmonic Content Testing for Different Stator Winding Connections of Five-Phase Induction Motor	1.S. C. Rangari 2.H. M. Suryawanshi 3.Bhavika Shah	6 <sup>th</sup> International Conference on Power Systems(ICPS 2016), Indian Institute of Technology Delhi and India Habitat Centre, New Delhi, India	4 <sup>th</sup> -6 <sup>th</sup> March, 2016
11	Inverter Fed 3-Phase Induction Motor Using Third Harmonic Injection Technique	1.Bhavika K. Shah 2.S. C. Rangari	2 <sup>nd</sup> International Conference on Recent Trends in Electrical Engineering (ICRTEE- 2016), Tulsiramji Gaikwad Patil College of Engineering and Technology, Nagpur, Maharashtra, India	22 <sup>nd</sup> -23 <sup>rd</sup> January, 2016
12	A Single Phase Multilevel Inverter with Reduced Number of Power Elements	1.Manoj Waghmare 2.P. A. Salodkar	National Conference on Clean Energy: Renewable energy and Energy Conservation and Exhibition, The Institute of Engineers Nagpur Local Centre, Nagpur, Maharashtra, India	5 <sup>th</sup> -6 <sup>th</sup> March, 2016
13	A Single Phase Multilevel Inverter with Reduced Number of Switches	1.Manoj Waghmare 2.P. A. Salodkar	2 <sup>nd</sup> International Conference on Recent Trends in Electrical Engineering (ICRTEE- 2016), Tulsiramji Gaikwad Patil College of Engineering and Technology, Nagpur, Maharashtra, India	22 <sup>nd</sup> -23 <sup>rd</sup> January, 2016
14	Charging and Discharging of Supercapacitor using Hardware	1.R. V. Chakole 2.M. V. Palandurkar	National Conference on Clean Energy: Renewable energy and	5 <sup>th</sup> -6 <sup>th</sup> March, 2016

	Implementation		Energy Conservation and Exhibition, The Institute of Engineers Nagpur Local Centre, Nagpur, Maharashtra, India	
15	Boost Controller using Supercapacitor for Electric Vehicle	1.R. V. Chakole 2.M. V. Palandurkar 3.M. M. Renge	2 <sup>nd</sup> International Conference on Recent Trends in Electrical Engineering (ICRTEE- 2016), Tulsiramji Gaikwad Patil College of Engineering and Technology, Nagpur, Maharashtra, India	22 <sup>nd</sup> -23 <sup>rd</sup> January, 2016
16	Closed Loop Control of Axial Flux Permanent Magnet BLDC Motor for Electric Vehicles	1.Anurag V. Khergade 2.S. B. Bodkhe 3.Ashwani Kumar Rana	6 <sup>th</sup> International Conference on Power Systems(ICPS 2016), Indian Institute of Technology Delhi and India Habitat Centre, New Delhi, India	4 <sup>th</sup> -6 <sup>th</sup> March, 2016
17	Axial Flux Permanent Magnet BLDC Motor for Electric Vehicles	1.Anurag Khergade 2.S. B. Bodkhe	2 <sup>nd</sup> International Conference on Recent Trends in Electrical Engineering (ICRTEE- 2016), Tulsiramji Gaikwad Patil College of Engineering and Technology, Nagpur, Maharashtra, India	22 <sup>nd</sup> -23 <sup>rd</sup> January, 2016
18	High Frequency Switched Isolated DC to DC Converter	1.Afsana Sheikh 2.Sangita H. Deshmukh 3.D. R. Tutakne	6 <sup>th</sup> International Conference on Power Systems(ICPS 2016), Indian Institute of Technology Delhi and India Habitat Centre, New Delhi, India	4 <sup>th</sup> -6 <sup>th</sup> March, 2016
19	Twelve Pulse Line Commutated Converter for Grid Integration of PV Panels	1.Aaisha Meraj 2.M. M. Renge 3.J. M. Kumbhare	National Conference on Clean Energy: Renewable energy and Energy Conservation and Exhibition, The Institute of Engineers Nagpur Local Centre, Nagpur, Maharashtra,	5 <sup>th</sup> -6 <sup>th</sup> March, 2016

			India	
20	Power factor Improvement using Nine Switch AC-Dc-AC converter	Dr. M. M. Renge	6 <sup>th</sup> International Conference on Power Systems (ICPS 2016 Indian Institute of Technology Delhi and India Habitat Centre, New Delhi	4 <sup>th</sup> -6 <sup>th</sup> March, 2016
21	Improved Performance of Series Z-Source Inverter for Motor Drive	1.Rahul Adle 2.Dr. M. M. Renge	6 <sup>th</sup> IEEE student's Conference on Electrical, Electronics and Computer Science 2016, MNIT Bhopal.	05 <sup>th</sup> -06 <sup>th</sup> March, 2016
22	Reduction of Common Mode Voltage Using Multi Level Inverter	1. Aniruddha V. Jadhav 2. Prof. P. V. Kapoor	Energy Efficient Technologies for Sustainability (ICEETS-2016), Nagercoil, Tamil Nadu, India)	7 <sup>th</sup> -8 <sup>th</sup> April, 2016.
23	Reactive Power Compensation using D-STATCOM " in on during	1. Vinay M Awasthi 2. Prof. V. A. Huchche	Energy Efficient Technologies for Sustainability (ICEETS-2016), organised by Nagercoil, Tamil Nadu, India),	7 <sup>th</sup> -8 <sup>th</sup> April, 2016.
<b>Year 2016-17: Conference</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s) and Affiliation</b>	<b>Name of conference/Journal- Volume, issue, PP</b>	<b>Date of Publication</b>
24	Energy Management of Supercapacitor with DC-DC Converter	1. Rahul V. Chakole 2. M. V. Palandurkar 3. M. M. Renge	IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016),DTU, New Delhi. Available in IEEE Xplore database	4 <sup>th</sup> -6 <sup>th</sup> July 2016
25	Analytical and Comparative Study of FHI-SPWM with SPWM Control Technique	1. Bhavika Shah 2. S. C. Rangari	IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016),DTU, New	4 <sup>th</sup> -6 <sup>th</sup> July 2016

			Delhi. Available in IEEE Xplore database	
26	Comparative Analysis of Classical Three- Phase Multilevel (Five level) Inverter Topologies	1. Aparna Prayag 2. S. B. Bodkhe	IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016),DTU, New Delhi. Available in IEEE Xplore database	4 <sup>th</sup> -6 <sup>th</sup> July 2016
27	Solar Based Series Z-Source Inverter for Induction Motor Drive With Soft Starting	1. Rahul Adle 2. M. M. Renge	IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES 2016),DTU, New Delhi. Available in IEEE Xplore database	4 <sup>th</sup> -6 <sup>th</sup> July 2016
28	Cognitive Radio Based I-voting System	1. R. D. Raut 2. R. V. Awthankar 3. S. H. Deshmukh 4. V. M. Tayade	International Conference on Sustainable Growth Through Innovations in Management and Technology (SGIMT-2016), , Dubai	18 <sup>th</sup> -19 <sup>th</sup> Oct. 2016
29	Adaptable Differential Relay using Fuzzy Logic Code in Digital Signal Controller for Transformer Protection	1. Prof. V. T. Barhate 2. Dr. K. L. Thakre 3. Madhura Deshmukh	IEEE International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) at Riga & Cesis, Latvia, Europe.	13-14 October 2016.
30	Nine Switch Controlled Induction Motor Drive with Unity and Leading	1. Chaitanya jibhkate 2. M. A. Choudhary	IEEE International Conference on Electrical, Computer and	Feb. 22 <sup>nd</sup> - 24 <sup>th</sup> , 2017

	Power factor	3. M. M. Renge	Communication Technology, organized by SVS College of Engineering, Coimbatore, Tamilnadu	
31	Photovoltaic Based Series Z-Source Inverter fed Induction Motor Drive with Improved Shoot Through Technique	1. Rahul Adle 2. M. M. Renge	First international conference on Power Engineering Computer and Control 'PECCON 2017', organized by VIT University, Chennai campus	March 2 <sup>nd</sup> – 4 <sup>th</sup> , 2017
32	Improved Performance of Modular Multilevel Converter for Induction Motor Drive	1. Prof. P. V. Kapoor 2. M. M. Renge	First international conference on Power Engineering Computer and Control 'PECCON 2017', organized by VIT University, Chennai campus	March 2 <sup>nd</sup> – 4 <sup>th</sup> , 2017
33	DSSC: A Distributed Power Flow Controller	1. Sandeep Gaigowal 2. M. M. Renge	First international conference on Power Engineering Computer and Control 'PECCON 2017', organized by VIT University, Chennai campus	March 2 <sup>nd</sup> – 4 <sup>th</sup> , 2017
34	Photovoltaic Based LED Lighting with maximum Power Point Tracking	1. U. B. Mujumdar	First international conference on Power Engineering Computer and Control 'PECCON 2017', organized by VIT University, Chennai campus	March 2 <sup>nd</sup> – 4 <sup>th</sup> , 2017
35	A single Phase Seven Level Inverter Topology for Photovoltaic Application,” in	1. P. A. Salodkar 2. P. S. Kulkarni	International Conference on Power & Embedded Drive control (ICPEDC-2017), organized by Department of Electrical & Electronics Engineering, SSN College of Engineering, Chennai.	16 <sup>th</sup> to 18 <sup>th</sup> March 2017

36	Closed Loop Control of BLDC Motor Electric Vehicle	1. Yogesh Mundhada 2. M. B. Gaikwad	International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPAT-2017), organized by Bharat Institute of Higher education and Research, Chennai.	06 <sup>th</sup> to 08 <sup>th</sup> April 2017
37	Voltage Sag Compensation using Dynamic Voltage Restorer” in	1. Ajay Kale 2. V. A. Huchche	International Conference on Mechanical & Production Engineering (ICMPE) in association with Industrial Electronics & Electrical Engineering Forum, held at Pune.	16 <sup>th</sup> April 2017
38	An Extinction Angle Control of Three Phase Induction Motor Drive for High Power Motors	1. Sakshi Shrivastava 2. S. H. Deshmukh	International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPAT-2017), organized by Bharat Institute of Higher education and Research, Chennai.	06 <sup>th</sup> to 08 <sup>th</sup> April 2017
39	SOGI Based PLL for Single Phase Grid Synchronization	1. Dharmendra Yadeo	International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPAT-2017), organized by Bharat Institute of Higher education and Research, Chennai.	06 <sup>th</sup> to 08 <sup>th</sup> April 2017
40	Analysis of Inverters for Multidrive system	1. Utkarsha Sing 2. G. N. Goyal	International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPAT-2017), organized by Bharat Institute of Higher education and Research, Chennai.	06 <sup>th</sup> to 08 <sup>th</sup> April 2017.

41	Simulation and Study of Three Phase Voltage Source Multilevel Inverter with Reduced switch Count” in	1. Himanshu Pillewan 2. P. A. Salodkar	International Conference on Power & Embedded Drive control (ICPEDC-2017), organized by Department of Electrical & Electronics Engineering, SSN College of Engineering, Chennai.	16 <sup>th</sup> to 18 <sup>th</sup> March 2017
42	Simulation and Fabrication of Axial Flux Brushless DC Motor Drive	1. Pooja V awari 2. S. B. Bodkhe	International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPAT-2017), organized by Bharat Institute of Higher education and Research, Chennai.	06 <sup>th</sup> to 08 <sup>th</sup> April 2017
43	Comparison of Multilevel Inverter	1. Saikumar Suryavanshi 2. P. V. Kapoor	International Conference on Mechanical & Production Engineering (ICMPE) in association with Industrial Electronics & Electrical Engineering Forum, held at Pune.	16 <sup>th</sup> April 2017
44	Comparison of Two Level & Three Level Five Phase Inverter	1. Aniket Bhivgade 2. S. C. Rangari	International Conference on Mechanical & Production Engineering (ICMPE) in association with Industrial Electronics & Electrical Engineering Forum, held at Pune.	16 <sup>th</sup> April 2017
45	Numerifcal Relay Based Transformer Protection	1. Vrushali Borikar 2. T. G. Arora	International Conference on Mechanical & Production Engineering (ICMPE) in association with Industrial Electronics & Electrical Engineering Forum, held at Pune.	16 <sup>th</sup> April 2017

16	Energy Management System using Supercapacitor	1. Tarini Parmar 2. M. V. Palandurkar	International Conference on Mechanical & Production Engineering (ICMPE) in association with Industrial Electronics & Electrical Engineering Forum, held at Pune.	16 <sup>th</sup> April 2017
47	Solar powered Water Pumping Two Phase Induction Motor	1. Abhishek Junghare 2. <b>S. V. Umredkar</b>	International Conference on Telecommunication, Power Analysis and Computing Techniques (ICTPAT-2017), organized by Bharat Institute of Higher education and Research, Chennai.	06 <sup>th</sup> to 08 <sup>th</sup> April 2017
48	Inrush Current Analysis Using FFT For Transformer Protection	1. Priyanka Patil 2. V. T. Barhate	International Conference on Mechanical & Production Engineering (ICMPE) in association with Industrial Electronics & Electrical Engineering Forum, held at Pune.	16 <sup>th</sup> April 2017
49	HPWM Based Control Pulses Generation for Single Phase qZSI using DSC	1. Priyanka Kimmatkar 2. M. M. Renge	International Conference on Intelligent Computing and Control Systems (ICICCS), organized by Vaigai College of Engineering, Madurai, India	June 15-16, 2017
50	Effects of Switching Frequency and Motor Speed on Common Mode Voltage, Common Mode Current and Shaft Voltage in PWM Inverter-fed Induction Motors	1. T. G. Arora 2. M. M. Renge 3. M. V. Aware	12 <sup>th</sup> IEEE Conference on Industrial Electronics & Applications ICIEA 2017, Siem Reap, Cambodia	18-20 June 2017
51	Effect of Generator Reactive Power Limit on Proximity to Voltage Instability of Multibus Power System	1. <b>S. D. Naik</b> 2. S. S. Bhat	12 <sup>th</sup> IEEE Conference on Industrial Electronics & Applications ICIEA 2017, Siem Reap, Cambodia	18-20 June 2017



52	Implementation of Large and Medium Vectors SVPWM Technique in Five Phase Voltage Source Inverter	1. S. C. Rangari 2. H. M. Suryawanshi 3. Bhavika Shah	Proc. IEEE International Conference on Intelligent Computing and Control Systems (ICICCS),Madurai.	15-16 June 2017
53	Impact of Power Quality on the Performance of Distribution Transformer	1. Gajanan. C. Jaiswal 2. M. S. Ballal 3. D. R. Tutakne	International Conference on Power Electronics, Drives and Energy Systems (PEDES-2016),pp.1-5, Trivandrum	14-17 Dec. 2016
54	Health Index Based Condition Monitoring of Distribution Transformer	1. Gajanan. C. Jaiswal 2. M. S. Ballal 3. D. R. Tutakne	International Conference on Power Electronics, Drives and Energy Systems (PEDES-2016),pp.1-5, Trivandrum	14-17 Dec. 2016
<b>Year 2017-18: Conference</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s)</b>	<b>Name of conference/Journal-Volume, issue, PP</b>	<b>Date of Publication</b>
55	Analysis and Design Of Solar Power System Interface Utility Using ZVS Converter	1.R. G. Deshbhratar 2. M. M. Renge	International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017) Chennai, SKR College, Poonamallee Chennai.	01 <sup>st</sup> to 2 <sup>nd</sup> August 2017
56	Operation of Modular Multilevel Converter Drive with reduced Submodules and DC supply	1. P. V. Kapoor 2. M. M. Renge	IEEE-International Conference on Energy, Communication, Data Analytic and Soft Computing (ICECDS-2017), at KR Engineering College, Poonamallee Chennai.	01 <sup>st</sup> to 2 <sup>nd</sup> August 2017
57	Comparative Analysis of Modular Multilevel Converter with different	1. P. V. Kapoor 2. M. M. Renge	International Conference on Recent Innovation in	28, 29 Oct.2017

	Modulation technique for Control of Induction Motor Drive		Electrical, Electronics and Communication systems(RIEECS-2017) to be held on Dehradun.	
58	Use of Solar Energy for Green Building & Reduction in the Electricity Bill of Residential Consumer	1. Archana Talhar 2. S. B. Bodkhe	IEEE TENSYP Spring Conference 2017, Technology for Smart Cities, Kerla,	14-16 July 2017
59	Z- Source High Frequency AC/DC Push- Pull Converter with High Input Power Factor	1. Sangita Deshmukh 2. Medha Giri 3. V. T. Barhate 4. D. R. Tutakne	International Conference on Energy, Communication, Data Analysis and Soft Computing (ICECDS 2017) at SKR Engineering College, Poonamallee Chennai.	1-2 August 2017
60	Computation of Stored Energy in an Induction Motor during Symmetrical and Unsymmetrical Voltage Sags	1. V. A. Huchche 2. N. R. Patne 3. A. S. Junghare	International Conference on Energy, Communication, Data Analysis and Soft Computing (ICECDS 2017) at SKR Engineering College, Poonamallee Chennai.	1-2 August 2017
61	Implementation of Large and Medium Vectors for SVPWM technique in five phase Voltage Source Inverter	1. S. C. Rangari 2. H. M. Suryawanshi 3. Bhavika Shah	International Conference on Energy, Communication, Data Analysis and Soft Computing (ICECDS 2017) at SKR Engineering College, Poonamallee Chennai.	1-2 August 2017
62	Speed Sensorless Control of Multiple Induction Motor Drives with Single Nine Switch Inverter	G. N. Goyal	IEEE International Conference on Energy, Communication, Data Analysis and Soft Computing (ICECDS 2017) at SKR Engineering College, Poonamallee Chennai.	1-2 August 2017
63	Study of Single Phase Multilevel Inverter Topologies Suitable for Photovoltaic Applications	1. P. A. Salodkar 2. P. S. Kulkarni 3. Manoj Waghmare	IEEE International Conference on Energy, Communication, Data Analysis and Soft	-2 August 2017

			Computing (ICECDS 2017) at SKR Engineering College, Poonamallee Chennai.	
64	Comparative Analysis of PI, FOPI and Fuzzy Logic Controllers to Mitigate Voltage Sags Effects on an Induction Motors.	1. V. A. Huchche 2. N. R. Patne 3. A. S. Junghare	Fifth International Conference on Recent Trends in Power, Control and Instrumentation Engineering-PCIE 2017, Bengaluru, India.	Sep 15-16, 2017
65	Proportional Resonant Control Technique for Grid Interfacing of Multilevel Inverter	1. Manoj Waghmare 2. Prachi Salodkar 3. S. P. Gawande 4. R. S. Pawar 5. Dhanashree Porate	International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST 2018), Organised by Government College of Engineering, Trissur, Kerala	18-20 Jan. 2018
66	Fault classification and faulty phase selection using symmetrical components of reactive power for EHV transmission line	Prof. Piyush Khadke Dr. Nita Patne Ms. Sahitya B	International Conference on Signals, Machines and Automation (SIGMA '18), NSIT Delhi, India.	February 23-25, 2018,
67	Reliability Investigation of Solar Power Unit	Mrs. R. S. Sinnarkar, Ms. B. N. Shikkewal, Mr. A. K. Saonerkar	International Conference On Recent Advances in Electronics, Telecommunication, Electrical and Computing 2017, (ICETEC-2017) Priyadarshini College of Engineering, Hingna Road, Nagpur	12th and 13th Dec. 2017
68	Analysis of Multicarrier Switching Techniques for Nine Level Inverter	P. A. Salodkar	Proc. 2nd International Conference on Computing Methodologies and Communication (ICCMC 2018), Erode, Tamilnadu, India.	15-16 February 2018

69	Proportional Resonant Control Technique for Grid Interfacing of Multilevel Inverter	Manoj Waghmare P. A. Salodkar S. P. Gawande Rutuja S. Pawar D. K. Porate	Proc. International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST 2018), organized by Government College of Engineering, Trissur, Kerala.	18-20 January 2018.
70	Design of Isolated Bi-Directional Converter for PV System	1. Anshadha Chandekar 2. A. K. Saonerkar 3. S.D. Naik	International Conference on Inventive Communication and Computational Technology (ICICCT), organized by IEEE, Coimbatore	20-21 April 2018
71	Unity Power Factor Three Phase Induction Motor Drive Using Combined Extinction Angle and PWM Controlled Technique	1. Sangita Deshmukh 2. Medha Giri 3. V. T. Barhate 4. D. R. Tutkane	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System (ICSEDPS), GHRCE, Nagpur,	12 <sup>th</sup> -13 <sup>th</sup> June 2018
72	A Hybrid Charging for Electric Vehicle using BLDC Motor	1. Vishnu Sree Kumar 2. Sajal Sahu, 3. Rishikesh Dongre 4. S. V. Umredkar	4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) Organised by Institute of Engineering Research and Publication (IFERP) , Pune	2 <sup>nd</sup> -3 <sup>rd</sup> April 2018.
73	DC-DC Converter for Electric Vehicular Application	1. Diksha S. Ramteke 2. M. B. Gaikwad	4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) Organised by Institute of Engineering Research and Publication (IFERP) , Pune	2 <sup>nd</sup> -3 <sup>rd</sup> April 2018.
74	Isolated DC-DC Converter Fed DC Motor for Bidirectional Electric Vehicular Application	1. Diksha S. Ramteke 2. M. B. Gaikwad	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and	12 <sup>th</sup> -13 <sup>th</sup> June 2018

			Power System (ICSEDPS), GHRCE, Nagpur,	
75	Control of single phase dynamic voltage restorer (DVR) to mitigate voltage sag	1. Priyanka Narnaware 2. V. A. Huchche	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
76	Comparative Study of IPD and POD for Three level Five Phase Inverter	1. Sharvary Lihitkar 2. S. A. Rangari	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
77	Comparative Analysis of Modulating Technique in Three Level Cascaded H-bridge Inverter	1. Minakshi Bopche 2. P. V. Kapoor	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
78	On the Interfacing of Photovoltaic System Inverter with Utility Grid	1. Ayushi Dubey 2. U. B. Mujumdar	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
79	Over-Flux Protection of the Transformer	1. Pushpak Nimkar 2. T. G. Arora	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
	A Preliminary Study on Harmonics Generated by the Grid-Connected PV System on Distribution Transformer	1. Ayushi Dubey 2. Anshada Chandekar 3. Minakshi Bopche	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and	12 <sup>th</sup> -13 <sup>th</sup> June 2018.

			Power System ICSEDPS), GHRCE, Nagpur.	
80	Modelling and Simulation of Solar Photovoltaic Fed DC Motor for Sewing Machine using MPPT	1. Piyali Saha 2. S. H. Deshmukh 3. M. M. Renge 4. V. T. Barhate	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
81	Power Sharing in Electric Vehicle using Hybrid Energy Storage System	1. Prachi Hatwar 2. Rohan Bhende 3. Juhi Ingole 4. S. B. Bodkhe	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
82	Generation of SPWM control pulses for Voltage Source Inverter using DSPIC33EP256MU810	1. Punam Mondekar 2. G. N. Goyal	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
83	Ultra Low Frequency Low power Oscillator using Ultra-Capacitor and Advanced Flywheel	1. Rohan Berde 2. M. V. Palandurkar 3. S. G. Tarnekar	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.
84	A Sine Pulse Width Modulation based Four Leg Voltage Source Inverter Drive for Asymmetrical Two Phase Induction Motor	1. Gaurav Ingle 2. S. V. Umredkar 3. Prachi Hatwar 4. Minakshi Bopche 5. Kunal Sen	An IEEE PES Co-sponsored International Conference on Smart Electric Drives and Power System ICSEDPS), GHRCE, Nagpur.	12 <sup>th</sup> -13 <sup>th</sup> June 2018.

<b>Year 2018-19: Conference</b>				
<b>S. No.</b>	<b>Title of Paper</b>	<b>Name of Author(s)</b>	<b>Name of conference Volume, issue, PP</b>	<b>Date of Publication</b>
85	Generation of SPWM Control Pulses for ZSI Using dsPIC33EP256MU810	1. Punam C Moundekar 2. Gaurav Goyal 3. M. M. Renge	2nd International Conference on Electronic Systems Signal Processing and Computing technologies (ICESC-2018), RCOEM, Nagpur	7th & 8th December 2018
86	Implementation and Investigation of Net Metering in Maharashtra State for Residential Consumer”, IEEE Power Electronics, Drives and Energy Systems	1. Archana Talhar 2. Sanjay Bodkhe	IEEE International Conference (-PEDES) 2018, IIT Madras, India, 18 -. (978-1-5386-9316-2/18/\$31.00).	21 December 2018
87	Static Voltage Stability Analysis of Large Bus Power System	1. Swati Pande 2. Sagar Telrandhe 3. Dr. S. D. Naik	3 <sup>rd</sup> International Conference on Computing Methodologies and Communication (ICCMC-2019), ISBN 978-1-5386-7808-4 , Erode, Tamil Nadu	March 27-29, 2019
88	Performance Analysis of Solar Fed Electronically Commutated Motor Driven Water Pump Using ZSI and q-ZSI	1. Sagar Telrandhe 2. Swati Pande 3. Dr. S. D. Naik	3 <sup>rd</sup> International Conference on Computing Methodologies and Communication (ICCMC-2019), ISBN 978-1-5386-7808-4 , Erode, Tamil Nadu	March 27-29, 2019
89	Unity Power Factor Three Phase Induction Motor Drive using Combined Extinction Angle & PWM Controlled Technique	1. S. H. Deshmukh 2. V. T. Barhate	13th IEEE International Conference on Power Electronics & Drives Systems (IEEE PEDS 2019) , Toulouse, France	09-12 July 2019
90	Fractional Order Controller for DVR to Mitigate Torque Pulsation of an Induction Motor during Voltage Sag	V. A. Huchche	13th IEEE International Conference on Power Electronics & Drives Systems (IEEE PEDS 2019) , Toulouse, France	09-12 July 2019