List of Faculty Research Papers with Online Links

S.No.	Content	Page No.
1.	Consolidated list of Faculty Publications	1-1
2.	Publications of Academic Year (2020-2021)	2-5
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4.	Publications of Academic Year (2018-2019)	11-14
5.	Publications of Academic Year (2017-2018)	15-19

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DETAILS OF FACULTY PUBLICATIONS

Academic Year	Journal Publications		Conference Publications		Total
	International	National	International	National	
(CAY) 2020-2021	16	00	03	05	24
(CAYm1) 2019-2020	34	00	06	00	40
(CAYm2) 2018-2019	19	00	10	00	29
(CAYm3) 2017-2018	25	00	10	00	35
Total	94	00	29	05	128

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Publications of Academic Year (2020-2021)

S.No	Name of Faculty	Journal Publications			Conference Publications		Total
		Web of Science (SCI/SCIE /ESCI)	Scopus	Other	Scopus	Other	
1	Dr. D. V. Ashok Kumar	1	-	-	-	1	2
2	Dr. V. Naga Bhaskar Reddy	1	-	-	1	-	2
3	Dr. D. Lenine	3	-	-	-	-	3
4	Dr.Suresh S.Rao	1	-	-	-	-	1
5	Dr.Santosh Kumar Singh	1	2	-	-	-	3
6	Dr. J. Surya Kumari	1	-	-	-	-	1
7	Dr.P.Rama Mohan	-	-	1	1	1	3
8	Dr. B. M. Manjunatha	1	-	-	-	-	1
9	Mr. G. Kumara Swamy	1	-	-	-	-	1
10	Mr. Y. Vijaya Suresh	1	-	-	-	-	1
11	Mr. A. Suresh Kumar	1	-	-	-	-	1
12	Mr.V.Narasimhulu	-	-	-	1	1	2
13	Mr.K.Niteesh Kumar	-	-	1	-	2	3
Total		**12**	**2**	**2**	**3**	**5**	**24**

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S.No	Name Faculty	Research Paper Title	Online Link	Indexed in
1	Dr. D. V. Ashok Kumar	LWT Based ANN with Ant Lion Optimizer for Detection and Classification of High Impedance Faults in Distribution System	https://doi.org/10.1007/s42835-020-00456-z	Science Citation Index Expanded (SCIE)
2	Dr. D. V. Ashok Kumar	High frequency switching control of modular multilevel converter under different modulation indices	ISBN: 978-81-945588-4-2.	Non-Indexed
3	Dr. V. Naga Bhaskar Reddy	A Sliding Mode Controller Approach for Three Phase Single Stage Seven Level Multilevel Inverter for Grid Connected Photovoltaic System	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/11289	Emerging Sources Citation Index (ESCI)
4	Dr. V. Naga Bhaskar Reddy	Configurations and Control Strategy of a Single Stage Grid Connected PV System	https://doi.org/10.1051/e3sconf/202018401074	Scopus, Web of Science (Clarivate Analytics)
5	Dr.D.Lenine	Design and Development of Sensorless Vector Control of Switched reluctance Motor using Fuzzy Logic Controller	http://op.niscair.res.in/index.php/JSIR/article/view/43598/465478376	Science Citation Index Expanded (SCIE)
6	Dr.D.Lenine	Performance Enhancement of UPQC Using Takagi–Sugeno Fuzzy Logic Controller	https://doi.org/10.1007/s40815-021-01095-w	Science Citation Index Expanded (SCIE)
7	Dr.D.Lenine	Near infrared broadband and visible up conversion emissions of erbium ions in oxyfluoride glasses for optical amplifier applications	https://doi.org/10.1016/j.optlastec.2020.106167	Science Citation Index (SCI)
8	Dr.Suresh S Rao	Smart and Efficient Irrigation System Using Wireless Sensor Network and IoT	https://doi.org/10.26782/jmcms.2020.09.00005	Emerging Sources Citation Index (ESCI)
9	Dr.Santosh Kumar Singh	Centralized and Decentralized Schemes for Optimal Scheduling of Electric Vehicles	https://indjst.org/articles/centralized-and-decentralized-	Emerging Sources Citation Index

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			schemes-for-optimal-scheduling-of-electric-vehicles	(ESCI)
10	Dr Santosh Kumar Singh	classical control strategies used in recent surgical robots	https://doi:10.1088/1742-6596/1922/1/012010	Scopus, Web of Science (Clarivate Analytics)
11	Dr Santosh Kumar Singh	Recent Challenges for Haptic Interface and Control for Robotic Assisted Surgical Training System: A Review	https://DOI: 10.1109/AIIOT52608.2021.9454172	Scopus, Web of Science (Clarivate Analytics)
12	Dr.J.Surya Kumari	A Model Predictive Goertzel Algorithm based Active Islanding Detection for Grid Integrated Photovoltaic Systems	Paper has been Accepted	Science Citation Index (SCI)
13	Dr. P. Rama Mohan	A Novel Over Voltage and Under Voltage Protecting System for Industrial and Domestic Applications	https://ijisrt.com/assets/upload/files/IJISRT20OCT461.pdf	Non-Indexed
14	Dr. P. Rama Mohan	A Novel Solar Power based Liquid Sprayer for Agricultural, Environmental and Health Care Applications	https://ieeexplore.ieee.org/document/9395876	Scopus, Web of Science (Clarivate Analytics)
15	Dr. P. Rama Mohan	A Novel Over Voltage and Under Voltage Protecting System for Industrial and Domestic Applications	ISBN: 978-81-942685-1-2.	Non-Indexed
16	Dr.B.M.Manjunatha	An Optimized Multilevel Inverter Topology with Symmetrical and Asymmetrical DC Sources for Sustainable Energy Applications	https://etasr.com/index.php/ETASR/article/view/3509/2256	Emerging Sources Citation Index (ESCI)
17	Mr. G.Kumara Swamy	A Model Predictive Goertzel Algorithm based Active Islanding Detection for Grid Integrated Photovoltaic Systems	Paper has been Accepted	Science Citation Index (SCI)
18	Mr. J.Vijaya Suresh	A Model Predictive Goertzel Algorithm based Active Islanding Detection for Grid Integrated	Paper has been Accepted	Science Citation Index (SCI)

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		Photovoltaic Systems		
19	Dr.A.Suresh Kumar	An Optimized Multilevel Inverter Topology with Symmetrical and Asymmetrical DC Sources for Sustainable Energy Applications	https://etasr.com/index.php/ETASR/article/view/3509/2256	Emerging Sources Citation Index (ESCI)
20	Mr.V.Narasimhulu	Performance Analysis of Single-Stage PV Connected Three-Phase Grid System Under Steady State and Dynamic Conditions	https://doi.org/10.1007/978-981-33-6691-6_5	Scopus, Web of Science (Clarivate Analytics)
21	Mr.V.Narasimhulu	High frequency switching control of modular multilevel converter under different modulation indices	ISBN: 978-81-945588-4-2.	Non-Indexed
22	Mr.K.Niteesh Kumar	A Novel Over Voltage and Under Voltage Protecting System for Industrial and Domestic Applications	https://ijisrt.com/assets/upload/files/IJISRT20OCT461.pdf	Non-Indexed
23	Mr.K.Niteesh Kumar	A Novel Over Voltage and Under Voltage Protecting System for Industrial and Domestic Applications	ISBN: 978-81-942685-1-2.	Non-Indexed
24	Mr.K.Niteesh Kumar	Series Voltage Regulator for a Distribution Transformer to Compensate Voltage Sag/Swell	ISBN: 978-81-942685-1-2.	Non-Indexed

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Publications of Academic Year (2019-2020)

S.No	Name of Faculty	Journal Publications			Conference Publications		Total
		Web of Science (SCI/SCIE /ESCI)	Scopus	Other	Scopus	Other	
1	Dr. D. V. Ashok Kumar	06	01	-	01	-	08
2	Dr. V. Naga Bhaskar Reddy	02	01	-	-	-	03
3	Dr. D. Lenine	09	-	-	01	-	10
4	Dr.Suresh S.Rao	01	-	-	-	-	01
5	Dr. J. Surya Kumari	03	-	-	-	-	03
6	Dr.P.Rama Mohan	02	-	-	-	01	03
7	Mr. G. Kumara Swamy	-	-	-	-	01	01
8	Mr. A. Suresh Kumar	03	-	-	-	02	05
9	Mr.V.Narasimhulu	03	-	-	-	-	03
10	Mr.N.Malikarjuna	01	-	-	-	-	01
11	Mr.K.Niteesh Kumar	01	-	-	-	-	01
12	Mr.S.Rahamthulla	-	-	01	-	-	01
	Total	**31**	**02**	**01**	**02**	**04**	**40**

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S.No	Name Faculty	Research Paper Title	Online Link	Indexed in
1	Dr.D. V. Ashok Kumar	Recital analysis of Modular Multilevel Converter based Shunt Active Power Filter	https://doi.org/10.26782/jmcms.spl.5/2020.01.00016.	Emerging Sources Citation Index (ESCI)
2	Dr.D. V. Ashok Kumar	Computational intelligence based control of cascaded H-bridge multilevel inverter for shunt active power filter application	https://doi.org/10.1007/s12652-019-01660-0	Science Citation Index Expanded (SCIE)
3	Dr.D. V. Ashok Kumar	Recital analysis of multilevel cascade H-bridge based active power filter under load variation	https://doi.org/10.1007/s42452-019-1669-8	Emerging Sources Citation Index (ESCI)
4	Dr.D. V. Ashok Kumar	Independent controller design for MIMO processes based on extended simplified decoupler and equivalent transfer function	https://doi.org/10.1016/j.asej.2017.10.011	Science Citation Index Expanded (SCIE)
5	Dr.D. V. Ashok Kumar	Detection and Classification of High Impedance Fault in Power Distribution System using Hybrid Technique	https://doi.org/10.1142/S0218126620501182	Science Citation Index Expanded (SCIE)
6	Dr.D. V. Ashok Kumar	Improved centralized control system for rejection of loop interaction in coupled tank system	https://doi.org/10.1080/00194506.2019.1647800	Emerging Sources Citation Index (ESCI)
7	Dr.D. V. Ashok Kumar	An Investigation of Li-Ion Battery Performance for AC Drives Used in Electric Vehicular Technology	https://link.springer.com/chapter/10.1007/978-981-13-8942-9_19	Scopus, Web of Science (Clarivate Analytics)
8	Dr.D. V. Ashok Kumar	A multilevel UPQC for voltage and current quality improvement in distribution system	http://doi.org/10.11591/ijpeds.v10.i4.pp1932-1943	Scopus
9	Dr. V. Naga Bhaskar Reddy	Improved Robust Controller Design for Stabilization of Grid-Tied Photovoltaic System	http://nopr.niscair.res.in/handle/123456789/48787	Science Citation Index Expanded (SCIE)
10	Dr. V. Naga Bhaskar Reddy	Comparative Analysis Of MC-SPWM And MSVPWM For Seven Level Diode Clamped Multilevel Inverter	https://doi.org/10.26782/jmcms.2020.01.00015	Emerging Sources Citation Index

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				(ESCI)
11	Dr. V. Naga Bhaskar Reddy	Range Estimation of Battery Electric Vehicle by Mathematical Modeling of Battery's Depth-of-Discharge	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8800088619.pdf	Scopus
12	Dr.D.Lenine	Effect Of Heat Treatment Of Solenoid Core On OpenCircuit Parameters of Two Mutually Coupled Coils	https://doi.org/10.26782/jmcms.spl.5/2020.01.00018	Emerging Sources Citation Index (ESCI)
13	Dr.D.Lenine	An Algorithm Based Aid Method For Grid Connected PV System	https://www.journalimcms.org/wp-content/uploads/17-AN-ALGORITHM-BASED.pdf	Emerging Sources Citation Index (ESCI)
14	Dr.D.Lenine	Performance Improvement of Adaptive Fuzzy System Based DTC Induction Motor Drive	https://doi.org/10.26782/jmcms.spl.5/2020.01.00015	Emerging Sources Citation Index (ESCI)
15	Dr.D.Lenine	Power Quality Improvement Using PQ And SRF Algorithms In Shunt Active Power Filter (SAPF) With Unbalanced Source Voltage	https://doi.org/10.26782/jmcms.spl.5/2020.01.00004	Non-Indexed
16	Dr.D.Lenine	Goertzel Algorithm Based Islanding Detection Method Based on Small Second Order Harmonic Component for Grid Integrated PV Systems	http://nopr.niscair.res.in/handle/123456789/51189	Science Citation Index Expanded (SCIE)
17	Dr.D.Lenine	Modeling of Single Phase Single Stage Grid Integrated Photovoltaic System	https://doi.org/10.26782/jmcms.spl.3/2019.09.00011	Non-Indexed
18	Dr.D.Lenine	Improved Performance of Unified Power Quality Conditioner Involving Various Power Quality Issues using Soft Computing	https://doi.org/10.26782/jmcms.spl.3/2019.09.00016	Non-Indexed
19	Dr.D.Lenine	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common ModeVoltage	https://doi.org/10.26782/jmcms.spl.3/2019.09.00005	Non-Indexed
20	Dr.D.Lenine	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	https://www.journalimcms.org/wp-content/uploads/7-A-Novel-PWM-Technique-for-Multilevel-VSI-fed-Vector-Controlled-Drives-based-on-Universal-Offset-Time-Expression.pdf	Non-Indexed
21	Dr.D.Lenine	Constant Current Analysis of Shell Type Transformer at Different Temperatures of Core by Using Quickfield Software	https://link.springer.com/chapter/10.1007/978-981-13-8942-9_16	Scopus, Web of Science (Clarivate Analytics)

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22	Dr.Suresh S.Rao	Smart Health Care System Using Sensors, IoT Device and Web Portal	https://doi.org/10.26782/jmcms.2019.12.00001	Emerging Sources Citation Index (ESCI)
23	Dr. J. Surya Kumari	Modeling of Single Phase Single Stage Grid Integrated Photovoltaic System	https://doi.org/10.26782/jmcms.spl.3/2019.09.00011	Emerging Sources Citation Index (ESCI)
24	Dr. J. Surya Kumari	Performance Improvement Of Adaptive Fuzzy System Based DTC Induction Motor Drive	https://doi.org/10.26782/jmcms.spl.5/2020.01.00015	Non-Indexed
25	Dr. J. Surya Kumari	Design and Investigation of Adaptive Fixed Duty Cycle MPPT algorithm for Photovoltaic Systems	http://nopr.niscair.res.in/bitstream/123456789/47562/1/JSIR%2078%286%29%20345-349.pdf	Science Citation Index Expanded (SCIE)
26	Dr.P.Rama Mohan	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	https://doi.org/10.26782/jmcms.spl.3/2019.09.00005----------	Emerging Sources Citation Index (ESCI)
27	Dr.P.Rama Mohan	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	https://www.journalimcms.org/wp-content/uploads/7-A-Novel-PWM-Technique-for-Multilevel-VSI-fed-Vector-Controlled-Drives-based-on-Universal-Offset-Time-Expression.pdf	Emerging Sources Citation Index (ESCI)
28	Dr.P.Rama Mohan	Series Voltage Regulator for a Distribution Transformer to Compensate Voltage Sag/Swell	International Conference	Non-Indexed
29	Mr. G. Kumara Swamy	A new single phase multilevel inverter using crisscross switched cascadesemi half Bridge cells	International Conference	Non-Indexed
30	Mr. A. Suresh Kumar	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	https://doi.org/10.26782/jmcms.spl.3/2019.09.00005	Emerging Sources Citation Index (ESCI)
31	Mr. A. Suresh Kumar	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	https://doi.org/10.26782/jmcms.spl.3/2019.09.00007	Emerging Sources Citation Index (ESCI)
32	Mr. A. Suresh Kumar	Performance Study of Various Discontinuous PWM Strategies for Multilevel Inverters using Generalized Space Vector Algorithm	https://doi.org/10.1007/s43236-019-00010-9	Emerging Sources Citation Index (ESCI)
33	Mr. A. Suresh Kumar	A Three Phase Multilevel Inverter topology With	International Conference	Non-Indexed

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		Symmetrical And Asymmetrical Configurations		
34	Mr. A. Suresh Kumar	Cascaded H-Bridge DC link inverter for marine electric propulsion drives	International Conference	Non-Indexed
35	Mr.V.Narasimhulu	Recital Analysis of Modular Multilevel Converter Based Shunt Active Power Filter	https://doi.org/10.26782/jmcms.spl.5/2020.01.00016.	Non-Indexed
36	Mr.V.Narasimhulu	Computational intelligence based control of cascaded H-bridge multilevel inverter for shunt active power filter application	https://doi.org/10.1007/s12652-019-01660-0	Emerging Sources Citation Index (ESCI)
37	Mr.V.Narasimhulu	Recital analysis of multilevel cascade H-bridge based active power filter under load variation	https://link.springer.com/article/10.1007/s42452-019-1669-8	Emerging Sources Citation Index (ESCI)
38	Mr.N.Malikarjuna	A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression	https://www.journalimcms.org/wp-content/uploads/7-A-Novel-PWM-Technique-for-Multilevel-VSI-fed-Vector-Controlled-Drives-based-on-Universal-Offset-Time-Expression.pdf	Emerging Sources Citation Index (ESCI)
39	Mr.K.Niteesh Kumar	Novel Scalar PWM Techniques for Vector Control based Induction Motor Drives to Reduce Common Mode Voltage	https://doi.org/10.26782/jmcms.spl.3/2019.09.00005	Emerging Sources Citation Index (ESCI)
40	Mr.S.Rahamthulla	New Control of PV PEM Fuel Cell Based Standalone AC/DC Microgrid Using Hybrid Energy Storage	International Conference	Non-Indexed

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Sl. No.	Name of the Faculty	Journal Publications			Conference Publications		Total
		Web of Science (SCI/SCIE/ESCI)	Scopus	Other	Scopus	Other	
1	Dr. D. V. Ashok Kumar	05	02	-	-	-	07
2	Dr. V. Naga Bhaskar Reddy	02	01	-	-	03	06
3	Dr. D. Lenine	02	01	-	-	-	03
4	Dr.J Surya Kumari	-	01	-	-	-	01
5	Dr P Rama Mohan	-	-	-	-	01	01
6	Dr. B. M. Manjunatha	01	01	-	-	02	04
7	Mr. J. Nagarjuna Reddy	01	-	-	-	-	01
8	Mr. A. Suresh Kumar	01	-	-	-	03	04
9	Mr.V.Narasimhulu	01	-	-	-	01	02
	Grand Total	13	06	-	-	10	**29**

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S.No	Name Faculty	Research Paper Title	Online Link	Indexed in
1	Dr.D. V. Ashok Kumar	Fuzzy logic control of SLMMC-based SAPF under nonlinearloads	https://doi.org/10.1007/s40815-019-00622-0	Science Citation Index Expanded (SCIE)
2	Dr.D. V. Ashok Kumar	Hybrid fuzzy back-propagation control scheme for multilevelunified power quality conditioner	https://doi.org/10.1016/j.asej.2017.09.004	Science Citation Index Expanded (SCIE)
3	Dr.D. V. Ashok Kumar	FPGA implementation of a three-level boost converter-fed seven leveldc-link cascade H-bridge inverter for photovoltaic applications	https://doi:10.3390/electronics7110282.	Science Citation Index Expanded (SCIE)
4	Dr.D. V. Ashok Kumar	Analysis and implementation of impedance source based SwitchedCapacitor Multi-Level Inverter	https://doi.org/10.1016/j.jestch.2018.08.003	Science Citation Index Expanded (SCIE)
5	Dr.D. V. Ashok Kumar	Implementation of Multilevel Boost DC-Link Cascade basedReversing Voltage Inverter for Low THD Operation	http://doi.org/10.5370/JEET.2018.13.4.1528, ISSN(Print) 1975-0102.	Science Citation Index Expanded (SCIE)
6	Dr.D. V. Ashok Kumar	Evaluation of Impedance network Based 7-Level SwitchedCapacitor Multi Level Inverter for Single Phase Grid Integrated System	https://doi.org/10.1007/s40031-018-0348-2.	Scopus
7	Dr.D. V. Ashok Kumar	Sensorless Control of IPMSM Drive using EKF withElectromagnetic Noise Effect	DOI: http://doi.org/10.11591/ijpeds.v9.i1.pp157-165	Scopus
8	Dr.V. Naga Bhaskar Reddy	Modeling & analysis of grid-tied PMA based offshore windenergy system using PSCAD/EMTDC	https://www.sciencedirect.com/science/article/pii/S2090447919300218	Science Citation Index Expanded (SCIE)
9	Dr.V. Naga Bhaskar	Performance evaluation of PMSG-based LFAC system foroffshore wind power	https://www.tandfonline.com/doi/full/10.1080/01430750	Emerging Sources Citation

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			2019.1611661	Index (ESCI) and Scopus
10	Dr.V. Naga Bhaskar Reddy	Control of Single Stage Grid Tied Photovoltaic InverterUsing Incremental Conductance Method	http://doi.org/10.11591/ijpeds.v9.i4.pp1702-1708	Scopus
11	Dr.V. Naga Bhaskar Reddy	Dynamic Modeling and Simulation of PMSG basedOffshore Wind Energy System using PSCAD/EMTDC	International Conference	Non-Indexed
12	Dr.V. Naga Bhaskar Reddy	Comparative Analysis for Depth-of-Discharge for RangeEstimation in Battery Electric Vehicle	International Conference	Non-Indexed
13	Dr.V. Naga Bhaskar Reddy	A Brief Review on Single-Stage grid-connected PV systemconfigurations and Control Strategy	International Conference	Non-Indexed
14	Dr.D.Lenine	Design and Investigation of Adaptive Fixed Duty Cycle MPPT algorithm for Photovoltaic Systems	http://nopr.niscair.res.in/handle/123456789/47562	Science Citation Index Expanded (SCIE)
15	Dr.D.Lenine	Experimental Study of Seven Level Magnetic Coupled Impedance Source Inverter	http://nopr.niscair.res.in/handle/123456789/45484	Science Citation Index Expanded (SCIE)
16	Dr.D.Lenine	Design and Analysis of PResonant Controller with Selective Harmonic Compensator for Grid Connected PV Inverter	https://www.jardcs.org/backissues/abstract.php?archiveid=4588	Scopus
17	Dr.J.Surya Kumari	Design and Analysis of PResonant Controller with Selective Harmonic Compensator for Grid Connected PV Inverter	https://www.jardcs.org/backissues/abstract.php?archiveid=4588	Scopus
18	Dr.P. Rama Mohan	Scalar PWM Algorithms to reduce Common Mode Voltage inVector Controlled Induction Motor Drive	International Conference	Non-Indexed
19	Dr.B.M. Manjunatha	Analysis and implementation of impedance source basedSwitched Capacitor Multi-Level Inverter	https://www.sciencedirect.com/science/article/pii/S2215098617315227	Science Citation Index Expanded (SCIE)
20	Dr.B.M. Manjunatha	Evaluation of Impedance network Based 7-Level SwitchedCapacitor Multi Level Inverter for Single Phase Grid Integrated System	https://link.springer.com/article/10.1007/s40031-018-0348-2	Scopus

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21	Dr.B.M. Manjunatha	A New Three Phase Multilevel Inverter with Reduced Number ofSwitches	International Conference	Non-Indexed
22	Dr.B.M. Manjunatha	A Novel Enhanced Z-Source Switched Capacitor MLI for GridIntegrated System Using Advanced Switching Pattern Scheme	International Conference	Non-Indexed
23	Mr. J. Nagarjuna Reddy	Experimental Study of Seven Level Magnetic Coupled Impedance Source Inverter	http://nopr.niscair.res.in/handle/123456789/45484	Science Citation Index Expanded (SCIE)
24	Mr.A. Suresh Kumar	A New Generalized SVPWM Algorithm for Multilevel Inverters	https://www.koreascience.or.kr/article/JAKO201822262292395.page	Science Citation Index Expanded (SCIE)
25	Mr.A. Suresh Kumar	A New Three Phase Multilevel Inverter with Reduced Number ofSwitches	International Conference	Non-Indexed
26	Mr.A. Suresh Kumar	A Novel Enhanced Z-Source Switched Capacitor MLI for GridIntegrated System Using Advanced Switching Pattern Scheme	International Conference	Non-Indexed
27	Mr.A. Suresh Kumar	Integer Factor Approach to Continuous and DiscontinuousSVPWM Sequences for Multilevel Inverters	International Conference	Non-Indexed
28	Mr.V. Narasimhulu,	Fuzzy logic control of SLMMC-based SAPF under nonlinear loads	https://doi.org/10.1007/s40815-019-00622-0.	Science Citation Index Expanded (SCIE)
29	Mr.V. Narasimhulu	Control of Shunt Active Power Filter Using PQHCC Controller	International Conference	Non-Indexed

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Publications of Academic Year (2017 – 2018)

Sl. No.	Name of the Faculty	Journal Publications			Conference Publications		Total
		Web of Science	Scopus	Other	Scopus	Other	
1	Dr. D. V. Ashok Kumar	-	08	-	01	-	09
2	Dr. V. Naga Bhaskar Reddy	01	-	-	01	-	02
3	Dr. D. Lenine	-	04	-	04	-	08
4	Dr.J Surya Kumari	-	01	-	-	-	01
5	Dr. B. M. Manjunatha	-	02	-	-	-	02
6	Mr. J. Nagarjuna Reddy	-	01	-	01	-	02
7	Mr. A. Suresh Kumar	-	02	-	-	-	02
8	Mr.R.Satish Kumar	-	01	-	01	-	02
9	Mr.P.SaiSampath Kumar	-	01	-	-	01	02
10	Mr.P.SesiKiran	-	01	-	-	-	01
11	Mr.E.Narasimhulu	-	01	-	-	01	02
12	Mr.V.Narasimhulu	-	02	-	-	-	02
Grand Total		**01**	**24**	**-**	**08**	**02**	**35**

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S.No	Name Faculty	Research Paper Title	Online Link	Indexed in
1	Dr. D. V. Ashok Kumar	Sensorless Control of IPMSM Drive using EKF with Electromagnetic Noise Effect	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/9861	Scopus
2	Dr. D. V. Ashok Kumar	Integration of Reversing Voltage Multilevel Inverter Topology with High Voltage Gain boost Converter for Distributed Generation	http://ijpeds.iaescore.com/index.php/IJPEDS/article/view/9285	Scopus
3	Dr. D. V. Ashok Kumar	Implementation of Cascaded based Reversing Voltage Multilevel Inverter using Multi Carrier Modulation Strategies	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/9669	Scopus
4	Dr. D. V. Ashok Kumar	Batteries Comparative Analysis and their Dynamic Model for Electric Vehicular Technology	https://acadpubl.eu/jsi/2017-114-7-ICPCIT-2017/articles/7/56.pdf	Scopus
5	Dr. D. V. Ashok Kumar	Power Quality Profile Enhancement using Hybrid Fuzzy- Correlation Controller based UPQC	https://acadpubl.eu/jsi/2017-114-7-ICPCIT-2017/articles/10/39.pdf	Scopus
6	Dr. D. V. Ashok Kumar	A Simplified PWM Technique for Isolated DC-DC Converter Fed Switched Capacitor Multi-Level Inverter for Distributed Generation.	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/8370	Scopus
7	Dr. D. V. Ashok Kumar	Multilevel inverter topology for distributed Generation with high voltage gain cascaded DC-DC Converter.	http://ijece.iaescore.com/index.php/IJECE/article/view/9886	Scopus
8	Dr. D. V. Ashok Kumar	Novel Approach to Improve the Dynamic Performance of IPMSM Drive for Sensorless Speed Control using EKF.	https://www.jardcs.org/backissues/abstract.php?archiveid=2811	Scopus
9	Dr. D. V. Ashok Kumar	Mathematical analysis & modeling of Li-Ion battery with PMSM based plug-in electric vehicles	https://ieeexplore.ieee.org/document/8391951	Scopus, Web of Science (Clarivate Analytics)
10	Dr. V. Naga Bhaskar Reddy	A State of Art Review on Offshore Wind Power Transmission Using Low Frequency AC System	https://ijrer.org/ijrer/index.php/ijrer/article/view/6641/pdf	Science Citation Index Expanded (SCIE)
11	Dr. V. Naga Bhaskar Reddy	A Narrative Review on Offshore Wind power Transmission using low frequency AC System	https://ieeexplore.ieee.org/document/8358348	Scopus, Web of Science

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				(Clarivate Analytics)
12	Dr. D. Lenine	Analysis of Switching Dynamics For Shunt And Series Converters To Improve Power Quality In Three Phase Four ire System	https://www.jardcs.org/backissues/abstract.php?archiveid=2823	Scopus
13	Dr. D. Lenine	Analysis of Active And Reactive Power Control In Grid Connected PV System by Using Voltage Oriented Control Method	https://www.jardcs.org/backissues/abstract.php?archiveid=1617	Scopus
14	Dr. D. Lenine	An Analysis Of Current Ripple In Modular Multilevel Converter By PSC PWM	https://www.jardcs.org/backissues/abstract.php?archiveid=1620	Scopus
15	Dr. D. Lenine	Analytical Evaluation Of Seven Level Inductor Coupled Inverter Topologies	https://www.jardcs.org/backissues/abstract.php?archiveid=1867	Scopus
16	Dr. D. Lenine	An Optimization of single Stage Power Factor Corrected AC-DC Converter with Appreciable Steady-State Performance	https://ieeexplore.ieee.org/document/8358549	Scopus, Web of Science (Clarivate Analytics)
17	Dr. D. Lenine	Analytical Evaluation of Five Level Inductor Coupled Inverter Topologies	https://ieeexplore.ieee.org/document/8358370	Scopus, Web of Science (Clarivate Analytics)
18	Dr. D. Lenine	Enhancement of induced EMF through heat treatment of ferromagnetic core	https://ieeexplore.ieee.org/abstract/document/8391838	Scopus, Web of Science (Clarivate Analytics)
19	Dr. D. Lenine	Performance Analysis of Hysteresis Voltage and Current Control of Three Phase-Four Wire UPQC	https://ieeexplore.ieee.org/document/8476734	Scopus, Web of Science (Clarivate Analytics)
20	Dr.J Surya Kumari	An Improvement of Static & Dynamic performance based on Adaptive fuzzy logic MPPT control in PV system	https://serialsjournals.com/abstract/88303_53.pdf	Scopus
21	Dr.B.V. Manjunatha	A Simplified PWM Technique for Isolated DC-DC Converter Fed Switched Capacitor Multi-Level Inverter for Distributed Generation	https://ijpeds.iaescore.com/index.php/IJPEDS/article/view/8370	Scopus

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22	Dr. B. M. Manjunatha	Single phase seven level grid connected inverter with isolated dc - dc converter using simplified control technique	https://www.jardcs.org/backissues/abstract.php?archiveid=1616	Scopus
23	Mr. J. Nagarjuna Reddy	Analytical Evaluation of Seven Level Inductor Coupled Inverter Topologies	https://www.jardcs.org/backissues/abstract.php?archiveid=1867	Scopus
24	Mr. J. Nagarjuna Reddy	Analytical evaluation of five level inductor coupled inverter topologies	https://ieeexplore.ieee.org/document/8358370	Scopus, Web of Science (Clarivate Analytics)
25	Mr. A. Suresh Kumar	Performance Analysis Of New Simplified SVPWM Algorithm With Different Switching Sequences	https://www.jardcs.org/backissues/abstract.php?archiveid=1864	Scopus
26	Mr. A. Suresh Kumar	A Novel Cascaded H Bridge Multilevel Inverter With Lesser Number of Switching Elements	https://acadpubl.eu/jsi/2017-117-8-10/articles/10/22.pdf	Scopus
27	Mr.R.Satish Kumar	An Analysis of Current Ripple in Modular Multi-level converter by PSC PWM	https://www.jardcs.org/backissues/abstract.php?archiveid=1620	Scopus
28	Mr.R.Satish Kumar	An Optimization of Single Stage Power Factor Corrected AC-DC Converter with Appreciable Steady-state Performance	https://ieeexplore.ieee.org/document/8358549	Scopus, Web of Science (Clarivate Analytics)
29	Mr.P.SaiSampath Kumar	A comparison of PWM methods on 15 level H-Bridge Cascaded Inverter	https://www.jardcs.org/backissues/abstract.php?archiveid=1607	Scopus
30	Mr.P.SaiSampath Kumar	A comparison of PWM methods on 15 level H-Bridge Cascaded Inverter	International Conference	Non-Indexed
31	Mr.P.SesiKiran	A Comparison of PWM Methods on 15-Level H Bridge Cascaded Inverter	https://www.jardcs.org/backissues/abstract.php?archiveid=1607	Scopus
32	Mr.E.Narasimhulu	A comparison of PWM methods on 15 level H-Bridge Cascaded Inverter	https://www.jardcs.org/backissues/abstract.php?archiveid=1607	Scopus
33	Mr.E.Narasimhulu	A comparison of PWM methods on 15 level H-Bridge Cascaded Inverter	International Conference	Non-Indexed
34	Mr.E.Narasimhulu	State of Art Review of Various Control Methods for Cascade H-Bridge 5-Level Inverter to Mitigate Harmonics	https://serialsjournals.com/abstract/91003_50.pdf	Scopus

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35	Mr.V.Narasimhulu	Comparative Simulation Analysis of Harmonics in Line-Line Output Voltage of Multilevel Inverters for Different Modulation Indices	https://serialsjournals.com/abstract/18867_ch_30_-_52._narasimha-new.pdf	Scopus

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