

S. No	Indexing	Title of the paper	Name of the author	Title of the journal	Year of publication	Impact Factor	Citation Index (Scopus/WoS Index)	Vol No, Issue and P. Nos	Total citations	Total citations excluding self-citations	DOI
1.	Scopus	Review on pulse width modulation and optimization techniques for Multilevel Inverters.	Dr.K.Neelima	Lecture Notes in Electrical Engineering [LNEE] Springer.	2021	--	--	---	---	--	--
1.	Scopus	Solar Panel Position Monitoring System For Maximum Power Generation	Dr.S.Sundee p	Springer-Lecture Notes in Electrical Engineering [LNEE]	2021			Volume 700			
2.	UGC	Modelling of Static Frequency Converter with Reduced Harmonics in Gas Turbine Power Plant	Dr. S. Rajasekaran	Journal of Advanced Research in Dynamical and Control Systems	2020		–	,Vol. 11, No. 4, 2020,PP761-769	–	–	–
3.	UGC	Power Quality Enhancement using SoftComputing based IPFC Controller	Dr. S. Rajasekaran	Journal of Adv Research in Dynamical & Control Systems	2020		–	Vol. 11, No. 4, 2020,PP771-776	–	–	–
4.	UGC	IOT based Automatic Plant Growth Monitoring and Irrigation control system	Dr. S. Rajasekaran	Tathapi	2020		–	PP 75-79	–	–	–

5.	SCIE & Scopus	Content-based image retrieval using hybrid k-means moth flame optimization algorithm	C R. Edwin Selva Rex	Arabian Journal of Geosciences	2021	1.534	Scopus & WoS Index	Vol.14, No 8, pp. 687(1-14)	0	0	
6.	Scopus	Design of a novel isolated single switch AC/DC integrated converter for SMPS applications	B. Nagi Reddy	International Journal of Emerging Trends in Engineering Research	2020	0.6	Scopus	8(4), pp. 1111–1119	5	3	10.30534/ijete/r/2020/26842020
7.	Scopus	A 7-Level Inverter with less Number of switches for Grid-tied PV applications. [Accepted]	J.N.Bhanutej C. Rani	International Journal of Advanced Technology and Engineering Exploration	2021(Accepted in May-2021, yet to be publish)	--	Scopus	---	---	---	---
8.	Scopus	Review on pulse width modulation and optimization techniques for Multilevel Inverters.	S.Vedith, J.N.Bhanutej, Sampath, usha, nithinrao and K.Neelima,	Lecture Notes in Electrical Engineering [LNEE] Springer.	AISE 2021[Conference held in January-2021, Yet to come in Scopus-Probably in June]	--	Scopus	---	---	--	--
9.	Scopus	Application of WDO for Decision-Making in Combined Economic and Emission Dispatch	UdhaySankar V., Bhanutej, HussaianBasha C.H., Mathew D., Rani C., Busawon K.	Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing, Springer, Singapore.	(2020)	---	Scopus	vol 1048.			

10.	Scopus	Application of Wind-Driven Optimization for Decision-Making in Economic Dispatch Problem	UdhaySankar V., Bhanutej, HussaianBasha C.H., Mathew D., Rani C., Busawon K.	Soft Computing for Problem Solving. Advances in Intelligent Systems and Computing, Springer, Singapore.	2020		Scopus	vol 1048.			
11.		Seventeen-Level Inverter using Flying Capacitor and FloatingCapacitor H-Bridges	A.Sai Subhadra	Elkins park International Journal of Electrical Energy	2020			Volume 1 Issue 1			
12.		A Study on Rooftop Grid Connected PV System	A.Sai Subhadra	Elkins park International Journal of Electrical Energy	2020			Volume 1 Issue 1			
13.	-	A Hybrid 9-level,3-phase Grid Connected Multi-level Inverter with Innovative voltage regulation techniques	Saritha B	AC Journal	July-2020	-	-	Volume IX, Issue VII, , ISSN:22 31-3990.	0	0	-

Publications in International Conference Proceedings

S. No.	Name of the Faculty	Title of the paper	Name of the Conference	Organization Name	Dates of the conference	Page. Nos	Whether Indexed in Scopus/ SCI (Yes/No)
1.	Dr. S. Rajasekaran	Study analysis of Grid connected Micro Solar PV Power Plant Harmonics	ICIRSSST2021	KG College of Arts &Science	21-05-2021 & 22-05-2021	68	NO
2.	Dr. S. Rajasekaran	Comparative Study of THD in Multilevel Converter Using Model Predictive Controller	ICAIS 2021-IEEE Conference	JCT College of Engineering	25-03-2021 to 27-03-2021	1559-1563	Scopus indexed (IEEE xplore DOI:10.1109/ICAIS50930.2021.9395908

3.	Dr. S. Sundeep	Analysis Of Fuzzy Logic Based Mppt Using Incremental Conductance Technique ForPv Cell	International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020)	REVA university banglore	October-2020		SCOPUS
4.	Dr. S. Sundeep	Solar Panel Position Control And Monitoring System For Maximum Power Generation	International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020)	REVA university banglore	October-2020		SCOPUS
5.	Dr. S. Sundeep	Improvement Of Power Quality Using Fuzzy Based Unified Power Flow Controller	International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE 2020)	REVA university banglore	October-2020		SCOPUS
6.	Dr. V. Jagan	Modified High Boost Quasi Z-Source Inverter with an Active Switched Network	IEEE- 6th Students' Conference on Engineering & Systems (SCES-2020)	MNNIT-Allahabad	10-12 July, 2020	1-6	NO
7.	Dr. C. R. Edwin Selva Rex	Application of Hybrid Water Cycle and Whale Optimization Algorithms in Combined Economic and Emission Dispatch Problem	IET International Conference on Advances in Energy Efficient Computing, Control and Communication (ICAECCC-2020)	IET Kanyakumari Local Network	26 th and 27 th December 2020	15	No
8.	Dr. B. Nagi Reddy	Review of Islanding Detection Parameters in Smart Grids	8th International Conference on Smart Grid	icSmartGrid 2020, France	17-19June 2020	pp. 78–89	Scopus, Web of Science – YES
9.	Dr. B. Nagi Reddy	Optimization Techniques in PV-Wind based Distribution Generation- A Brief Review	2020 IEEE 17th India Council International Conference	INDICON 2020	11-13 December 2020		Scopus, Web of Science – YES
10.	Dr. B. Nagi Reddy	Design of 2S2L based buck - boost converter with wide conversion range	9 th European Conference on Renewable Energy Systems (ECRES 2021)	PROJENIA R&D Ltd. Co, Turkey	21 – 23 April 2021		YES
11.	Dr. B. Nagi Reddy	Analysis of positive output buck-boost topology with extended conversion ratio	9 th European Conference on Renewable Energy Systems (ECRES 2021)	PROJENIA R&D Ltd. Co, Turkey	21 – 23 April 2021		YES
12.	V.Dharani	“Enhancement Of Power Quality Using Conservative Power Theory With Islanded Micro Grid Based Fuzzy Logic Controller”	International Conference On Smart Grids, Structures &Materials	KI University	19 TH & 20 TH APRIL,2021	(Under Review- Yet To Be Published)	Yes
13.	C.V.Vijay Kumar	Review of Islanding Detection Parameters in Smart Grids	International Conference on Smart Grid	University of Gothenburg	June 17-19, 2020, Paris, FRANCE	78-89	Scopus and Web of Science YES

14.	K. Prabhakara Rao	Enhanced Performance Of Solar Pv Array-Based Machine Drives Using Zeta Converter	ICADEE-2020	KCE Coimbatore	11 th and 12 th DEC 2020		No
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Publications in National Conference Proceedings

S.no.	Name of the Faculty	Title of the paper	Name of the Conference	Organization Name	Dates of the conference	Page. Nos	Whether Indexed in Scopus/ SCI (Yes/No)
1.	Dr.S. Rajasekaran	IOT based Automatic Plant Growth Monitoring and Irrigation control system	NCEET2020	VBIT	15-05-2021	75-79	No
2.	A. Sai Subhadra	load flow Analysis of IEEE 14 Bus using Mi-Power	International E-Conference on EnergyControlComputing and Electronics Systems (E-ICECCES-2020)	Sreevidyanikethan Engineering College, Tirupathi.	27 th -29 th Nov 2020		No
3.	K Prabhakara Rao	Power Quality and Reactive Power Compensation In A Grid Connected System For A Non-Linear Loads Using Fuzzy Controlled D-Statcom	CRATE-2020	vemu institute of technology	20 th AND 21 st AUG 2020		No
4.	K Prabhakara Rao	ZVS Interleaved AC / DC Converter Used In Electric Vehicles	CRATE-2020	vemu institute of technology	20 th AND 21 st AUG 2020		No
5.	J.Sreedhar	Power quality and reactive power compensation in a grid connected system for a non linear loads using fuzzy controlled D-Statcom	Recent advances in technology and engineering(crate-2020)	VEMU inst. of technology,chittoor	20-21-aug.2020	326-331	No.
6.	J.Sreedhar	ZVS Interleaved AC / DC Converter used in Electric Vehicles	Recent advances in technology and engineering(crate-2020)	VEMU inst. of technology,chittoor.	20-21-aug.2020	430-437	No.

Publications in Book Chapters

S.no.	Name of the Faculty	Title of the Chapter	Title of the Book	Publisher	Date and Year	ISBN Number	Whether Indexed in Scopus/SCI (Yes/No)
1.	Dr. K. Neelima	Review on pulse width modulation and optimization techniques for Multilevel Inverters	Lecture Notes in Electrical Engineering	Springer	AISE-2021[Conference held in January-2021, Yet to come in Scopus]	NA	Scopus
2.	Dr.S. Sundeeep	Solar Panel Position Monitoring System For Maximum Power Generation	Lecture notes in Electrical Engineering	Springer	APRIL- 2021	978-981-15-8221-9	SCOPUS
3.	J. N. BhanuTej	Review on pulse width modulation and optimization techniques for Multilevel Inverters.	S Vedith, J.N. Bhanutej, Sampath, usha, nithinrao and K. Neelima,	Lecture Notes in Electrical Engineering [LNEE] Springer.	AISE-2021[Conference held in January-2021, Yet to come in Scopus]	NA	YES

Invited talk by faculty

S.no	Name of the Faculty	Name of the Program	Local/State/National/International	Name of the Institute	Title of the talk	Date and Year
1.	Dr. S. Rajasekaran	Webinar(online)	National	RVS College of Engineering & Technology	UHV- Value Education	18-05-2021
2.	Dr. S. Rajasekaran	Webinar(online)	National	PSG Collage of Arts & Science	Electrical Machines	27-03-2021
3.	Dr. S. Rajasekaran	Webinar(online)	National	RVS College of Engineering & Technology	Applications of Electrical Drives	16-12-2020
4.	Dr.C.R.Edwin Selva Rex	Webinar	State	Vivekanandha College of Technology for Women,	Recent Trends in Optimal Power Flow	10 th June 2020

				Thiruchengode, TamilNadu.		
5.	Dr.C.R.Edwin Selva Rex	Webinar	State	SHM Engineering College, Kollam. Kerala.	Recent Trends in Optimal Power FlowProblem	26 th July 2020

Reviewer Responsibilities (Scopus/Web of Science)

S.no	Name of the Faculty	Journal Name	Publisher	Indexing(Scopus/Web of Science)
1.	Dr.K.Neelima	International Journal for Energy Research	John Willey & Sons	Web of Science
2.	Dr.C. REdwin Selva Rex	Journal of Circuits, Systems, and Computers	World Scientific	Scopus & Web of Science
3.	Dr.C.R.Edwin Selva Rex	Journal of Intelligent Manufacturing	Springer	Scopus & Web of Science
4.	Dr.C.R.Edwin Selva Rex	Artificial Intelligence Review	Springer	Scopus & Web of Science
5.	DrC.REdwin Selva Rex	Electric Power Components and Systems	Taylor & Francis	Scopus & Web of Science
6.	Dr.C.R.Edwin Selva Rex	Concurrency and Computation: Practice and Experience	Wiley	Scopus & Web of Science
7.	Dr. C.R. Edwin Selva Rex	Environmental Technology & Innovation	Elsevier	Scopus & Web of Science
8.	Dr. B. Nagi Reddy	International Journal of Electronics	Taylor & Francis	SCI, SCIE, WEB OF SCIENCE, SCOPUS, EBSCO,GOOGLE SCHOLAR
9.	Dr. B. Nagi Reddy	CIRCUIT WORLD	EMARLAND	SCIE, WEB OF SCIENCE, SCOPUS, EBSCO,GOOGLE SCHOLAR
10.	Dr. B. Nagi Reddy	International Journal of Electronic Letters	Taylor & Francis	SCOPUS, GOOGLE SCHOLAR
11.	Dr. B. Nagi Reddy	International Journal of Power Electronics and Drive Systems (IJPEDS).	(IAES)	SCOPUS, EBSCO,GOOGLE SCHOLAR