



DAYANANDA SAGAR ACADEMY OF TECHNOLOGY & MANAGEMENT

Affiliated to VTU, Belgaum & Approved by AICTE, New Dehli

Accredited 3 years by NBA, New Delhi (Validity : 26-07-2018 to 30-06-2021)

Udayapura, Kanakapura Road, Opp: Art of Living, Bangalore – 560082

Department of Electrical and Electronics Engineering

JOURNAL PUBLICATIONS - 2020-2021

S.No	Faculty Name	Paper Title	Journal Title	Pages	Volume & issue no.	ISSN / ISBN no.	Impact factor	Citation	publishers	Category	Month & year
1	Prof. Dr. B R Lakshmikantha	"A Review on Swarm Intelligence Algorithms applied for Data Clustering"	Scopus indexed Springer, "Advances in Intelligent Systems and Computing"	429-440		ISSN 219-45357			International Conference on Intelligent Computing, Information and Control Systems		2020
2	Dr. K Shanmukha Sundar	"Craziness PSO Optimised PIDF Controller for Automatic Generation Control of a Multi Source Restructured Power system Coordinated with RFB and TCPS Units	Journal of Xidian University	71 to 83	Vol : 15, Issue 6 , 2021	ISSN No. 1001-2400			Xidian University		2020
3	Prof. Dr.Rupam Bhaduri	An improved low voltage ride through(LVRT) strategy for PV based Grid connected inverter using instantaneous power thoery	IET Generation, Transmission and Distribution	1 to 11		DOI: 10.1949/gtd.2020.12.066			Institution of Engineering and Technology		27th Oct 2020
4	Prof. Dr. B R Lakshmikantha, Shanmukha Sundar	An optimum location and load shedding to improve the voltage stabilty for radial distribution system during critical contingency	solid state technology	73 to 81	Vol: 63 Issue: 2s				solid state technology		2020



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1	Shanmukha Sundar	Optimised IDN-FOPD controller based AGC loop of a wind -soalr-thermal interconnected power system with HES and IPFC units	International Journal of Innovative Technology and exploring engineering	2937 to 2945	Volume 9, Issue 1	ISSN: 2278-3075			Blue Eyes Intelligence Engineering & Sciences Publication		43770
2	Prof. Dr.Rupam Bhaduri	Supervisory controller for power mangamnent of micro grid using hybrid technique	Transactions on Electrical and Electronic Materials Springer-Nature Journal	30-47		ISSN 1229-7607			Transactions on Electrical and Electronic Materials		2020
3	Prof. Dr. B R Lakshmikantha	Optimized Control of VAR/Voltage in the Off-grid Hybrid Power System	Emerging Research in Electronics, Computer Science and Technology	1385 to 1405		Online ISBN 978-981-13-5802-9			Emgerging Research in Electronics, computer science and technology		43466
4	Prof. Dr. B R Lakshmikantha, Kiran R, Shanmukha Sundar	Placement of PMU Optimally and Detection of Events in Power System	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	4761 to 47	Vol: 8, Issue : 12	ISSN: 2278-3075, Volume-8 Issue-12			Blue Eyes Intelligence Engineering & Sciences Publication		43739
5	Prof. Dr. B R Lakshmikantha	Performance Evaluation of Battery and Super-Capacitor for Electric Vehicle with Hybrid Techniques	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	3049 to 30	Vol: 8, Issue : 10	ISSN: 2278-3075, Volume-8 Issue-10, August 2019			Blue Eyes Intelligence Engineering & Sciences Publication		43739

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CONFERENCE PUBLICATION DETAILS - 2019-2020

S.No	Faculty Name	Paper Title	Conference Title	Venue	ISBN No	Pages	Citation	Month & year	Category
1	Dr. Rupam Badhuri	An alternative inverter control strategy for grid connected solar photovoltaic system	Advanced Technologies In Intelligent Control, Environment, Computing And Communication Engineering	Sonepat, India	Electronic ISBN: 978-1-7281-0418-8			43995	International
2	Dr. B R Lakshmikantha	Optimized voltage and frequency control in off-grid Power System	Advanced Technologies In Intelligent Control, Environment, Computing And Communication Engineering	Bangalore	Electronic ISBN: 978-1-7281-0418-8	383 to 388		19th March 2019	International
3	Dr. B R Lakshmikantha	Optimal Sizing and Placement of Micro-Generators Using Particle Swarm Optimization Algorithm	Advanced Informatics for Computing Research	Singapore	ISBN No: 978-1-84919-868-4	102 to 112		2019	International
4	Ramya S Rajan,	“COMPARISION OF MULTILEVEL INVERTER USING REVERSE VOLTAGE TOPOLOGY FOR MULTIPLE LOADS”,	Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering	Bangalore	Electronic ISBN: 978-1-7281-0418-8	389 to 394		2019	International
5	Kiran R,	“COMPARISION OF MULTILEVEL INVERTER USING REVERSE VOLTAGE TOPOLOGY FOR MULTIPLE LOADS”,	Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering	Bangalore	Electronic ISBN: 978-1-7281-0418-8	389 to 394		2019	International
6	Manasa S	“COMPARISION OF MULTILEVEL INVERTER USING REVERSE VOLTAGE TOPOLOGY FOR MULTIPLE LOADS”,	Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering	Bangalore	Electronic ISBN: 978-1-7281-0418-8	389 to 394		2019	International



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	Prof. Dr. B R Lakshmikantha	Optimal Sizing and Placement of Micro-generators Using Particle Swarm Optimization Algorithm	Advanced Informatics for Computing Research, Communications in Computer and Information Science	102 to 112		ISSN: 1865-0929					
	Prof. Mrs.Rashmi P	“Z source resonant converter for the electric vehicle wireless charge using renewable energy sources”.	JASC Journal,		Vol: 6, Issue 6	DOI:16.10089/JASC			JASC		43617
	Prof. Dr.Rupam Bhaduri, Prof. Mr. renuka Prasad	“Demand Aware Voltage Control of Hybrid Renewable Energy Tied Uneven Multi- Level Smart Inverter”,	Transactions on Electrical and Electronic Materials, Springer-Nature Journal	257 to 268		ISSN 1229-7607			Transactions on Electrical and Electronic Materials		43466
	Prof. Dr. B R Lakshmikantha	Optimized Controller Design Using an Adaptive Bacterial Foraging Algorithm for Voltage Control and Reactive Power Management in Off-Grid Hybrid Power System	I.J. Image, Graphics and Signal Processing	33 to 43		ISSN: 2074-9082 1, 33-43			IGSP		43466
	Prof. Dr. B R Lakshmikantha	Power Management Strategy for Hybrid Energy Storage System in Hybrid Electric Vehicles	International Journal of Intelligent Engineering and Systems	12 to 17	Vol.12, No.5	ISSN: 2185-3118			IJIES		43435

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S.No	Faculty Name	Paper Title	Conference Title	Venue	ISBN No	Pages	Citation	Month & year	Category
	Dr. B R Lakshmikantha	THD Analysis with multicarrier switching for Cascaded Multilevel Inverter with reduced number of switches	Advanced Technologies In Intelligent Control, Environment, Computing And Communication Engineering		Electronic ISBN: 978-1-7281-0418-8	291 to 296		2019	International
	Ramya S Rajan	Operation monitoring of transformer using light fidelity	Advanced techniques in Electrical and electronics engineering		ISBN: 978-3-642-19712-3	30 to 36		2019	National
	Dr. B R Lakshmikantha	Effect of Equivalent Electrical Distance And Voltage Stability Improvement Using DSTATCOM In Radial Distribution Network	Advanced Technologies In Intelligent Control, Environment, Computing And Communication Engineering		Electronic ISBN: 978-1-7281-0418-8			2019	International
	Dr. B R Lakshmikantha	Optimal Placement Technique for PMUs during Contingency & Analysis of PMU signal for a Detection of Disturbance in a Power system	Recent Innovations in Electrical, Electronics & Communication Engineering		ISBN No. 978-981-13-3765-9			2018	International
	Ramya S Rajan	“DFT based Fault Detection Technique for Transmission lines”	EEEMC-2018,		978-1-5386-4303-4/18			2018	International
	Manasa S	“DFT based Fault Detection Technique for Transmission lines”	EEEMC-2018,		978-1-5386-4303-4/18			2018	International
	Dr. B R Lakshmikantha	A Novel Method for Assessment of Voltage Stability Improvement of Radial Distribution System Using SVC at Optimal Location	Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques		ISBN No. 978-150-90-469-80			43435	International

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S.No	Faculty Name	Paper Title	Conference Title	Venue	ISBN No	Pages	Citation	Month & year	Category
1	Usha S	Design and performance analysis of Integrated Dual Output Buck and Boost Converter”,	Advanced techniques in Electrical & Electronics Engineering	SJBIT, Bengaluru	ISBN No.978-1-5386-4304-4/18			2018	National
2	Rajath GR,	Design and performance analysis of Integrated Dual Output Buck and Boost Converter”,	Advanced techniques in Electrical & Electronics Engineering	SJBIT, Bengaluru	ISBN No.978-1-5386-4304-4/18			2018	National
3	Rashmi	“Service Robot-R2D2”,	Advanced techniques in Electrical & Electronics Engineering	SJBIT, Bengaluru	ISBN No.978-1-5386-4304-4/18			2018	National
4	Ramya S Rajan,	A Novel implementation of PFC converter using PCCM Boost technique,	Recent Innovations in Electrical, Electronics & Communication Engineering		ISBN No. 978-1-5386-5995-3/18	4207 to 4216		2018	International
5	Kiran R,	A Novel implementation of PFC converter using PCCM Boost technique,	Recent Innovations in Electrical, Electronics & Communication Engineering		ISBN No. 978-1-5386-5995-3/18	4208 to 4216		2018	International
6	Rajath G R	A Novel implementation of PFC converter using PCCM Boost technique,	Recent Innovations in Electrical, Electronics & Communication Engineering		ISBN No. 978-1-5386-5995-3/18	4209 to 4216		2018	International
7	Kiran R	Optimal Placement of PMUs & Analytics on PMU Data using ANN Technique	Energy, Communication, Data Analytics & Soft Computing		Print (978-1-5386-1887-5/17)			Aug-17	International
8	Dr. B R Lakshmikantha	Optimal Placement of PMUs & Analytics on PMU Data using ANN Technique	Energy, Communication, Data Analytics & Soft Computing		Print (978-1-5386-1887-5/17)			Aug-17	International

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1	Dr. Rupam Bhaduri	“PSO Optimization of the controller parameters for an inherently magnetic levitation system	International Journal of Engineering and Technology (IJET):	1218 to 1	vol: 9 issue	ISSN (Online) : 0975-4024,			IJET	International	42856
2	Renuka Prasad	A high competence class AB CMOS power amplifier for wireless application	National Journal of Research in Engineering and Applied Sciences,	37 to 45	vol: 5 issue 5,	ISSN(O) : 2249-3905			IJREAS	International	42856
3	Prof. Dr. B R Lakshmikantha	Fuzzy self tuning PI controller based inverter control for voltage regulation in off-grid hybrid power system	Elsevier ,Energy Procedia	409 to 41	vol. 117, Pages 409-416	ISSN: 1876-6102			Elsevier	International	42795

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S.No	Faculty Name	Paper Title	Conference Title	Venue	ISBN No	Pages	Citation	Month & year	Category
1	Prof.Dr. B R Lakshmikantha	Au25 Gold Nanoclusters for Enhancing Organic Cell Parameters	National Conference on Electronics, Signals & Communication		ISBN No. 978-1-84919-868			2017	National
2	RashmiPattan,	“SIMO DC-DC CONVERTER WITH BOTH BUCK CONVERTER AND BOOST CONVERTER FOR DIFFERENT LEVELS OF DC OUTPUT FOR MULTIPLE APPLICATIONS.”	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8			18th and 19th May 2017	International
3	Kiran R,	“SIMO DC-DC CONVERTER WITH BOTH BUCK CONVERTER AND BOOST CONVERTER FOR DIFFERENT LEVELS OF DC OUTPUT FOR MULTIPLE APPLICATIONS.”	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8			18th and 19th May 2017	International
4	Nadhia C	“SIMO DC-DC CONVERTER WITH BOTH BUCK CONVERTER AND BOOST CONVERTER FOR DIFFERENT LEVELS OF DC OUTPUT FOR MULTIPLE APPLICATIONS.”	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8			18th and 19th May 2017	International

5	Usha S	“SIMO DC-DC CONVERTER WITH BOTH BUCK CONVERTER AND BOOST CONVERTER FOR DIFFERENT LEVELS OF DC OUTPUT FOR MULTIPLE APPLICATIONS.”	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8		18th and 19th May 2017	International
6	Manasa S	“A LITERATURE REVIEW ON SIGNAL DENOISING AND ARRHYTHMIA CLASSIFICATION OF ECG SIGNAL”,	National Conference on Communication and Image Processing	TJIT, Bangalore	ISSN (O): 2348-4098 , ISSN (P): 2395- 4752		2017	National
7	Rajath GR,	“SOLAR PV CELL INTERFACED WITH GRID CONNECTED MULTILEVEL INVERTER FOR DISTRIBUTED POWER GENERATION”,	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8		18th and 19th May 2017	International
8	Ratna B	“SOLAR PV CELL INTERFACED WITH GRID CONNECTED MULTILEVEL INVERTER FOR DISTRIBUTED POWER GENERATION”,	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8		18th and 19th May 2017	International
9	Ramya S Rajan,	“SOLAR PV CELL INTERFACED WITH GRID CONNECTED MULTILEVEL INVERTER FOR DISTRIBUTED POWER GENERATION”,	International Conference on Applied Science Engineering and Technology	Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8		18th and 19th May 2017	International

10	Manasa S	“SOLAR PV CELL INTERFACED WITH GRID CONNECTED MULTILEVEL INVERTER FOR DISTRIBUTED POWER GENERATION”,	International Conference on Applied Science Engineering and Technology		Sri Sai Ram College of Engineering, Bengaluru	978-81-932966-0-8			18th and 19th May 2017	International
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