SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN :: BHIMAVARAM
(AUTONOMOUS)
2021

Sl. No.	Publication Details	SVECW-First Author	Dept.	Indexed Scopus/WoS	Conference Proceedings/ Journal/	Paper Link
1	Adinarayana, S., & Ilavarasan, E. (2021). A hybrid imbalanced data learning framework to tackle opinion imbalance in movie reviews Communication Software and Networks, Lecture Notes in Networks and Systems 134, https://doi.org/10.1007/978-981-15-5397-4_46	Adinarayana, S	IT	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-5397-4_46
2	Bharathi, G., Kantarao, P., & Srinivasarao, R. (2021). Control and optimization of DC microgrid power management with energy storage devices and photovoltaic system. Paper presented at the Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021, 60-69. doi:10.1109/ICECA52323.2021.9676160	G Bharathi	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9676160
3	Bhukya, R., Kadali, K., Siva, A., Palleswari, Y. T. R., Pragaspathy, & Saravanan, S. (2021). Retraction: Experimental validation with FPGA controller to A switched-capacitor interleaved bidirectional DC-DC converter for A renewable energy storage systems. Journal of Physics: Conference Series, 1916(1) doi:10.1088/1742-6596/1916/1/012012	B Ramu	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012012
4	Bhukya, R., Nalli, P. K., Kadali, K. S., & Bade, M. C. (2021). Designing of lithium - ion battery pack rechargeable on a hybrid system with battery management system (BMS) for DC loads of low power applications –A prototype model. Paper presented at the Journal of Physics: Conference Series, , 2089(1) doi:10.1088/1742-6596/2089/1/012017	B Ramu	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012017/meta
5	Duvvuri, S. S. (2021). A critical evaluation and experimental verification of stator inter-turn short-circuit fault detection and diagnosis in 3-pdbl induction motors. Paper presented at the Proceedings of 2021 IEEE International Conference on Power, Electrical, Electronic and Industrial Applications, PEEIACON 2021, 63-66. doi:10.1109/PEEIACON54708.2021.9929489	S S S R Sarath Babu D	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9929489

6	Duvvuri, S. S. (2021). Realistic behavior of electrical faults in 3-pdbl induction motor. Paper presented at the Proceedings of 2021 IEEE International Conference on Power, Electrical, Electronic and Industrial Applications, PEEIACON 2021, 67-70. doi:10.1109/PEEIACON54708.2021.9929614	S S S R Sarath Babu D	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9929614
7	Duvvuri, S. S., Garapati, D. P., & Siripurapu, G. (2021). Parameter sensitivity analysis for 3-Φ synchronous reluctance motor: A critical evaluation. Paper presented at the 2021 18th International Scientific Technical Conference Alternating Current Electric Drives, ACED 2021 - Proceedings, doi:10.1109/ACED50605.2021.9462312	S S S R Sarath Babu D	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9462312
8	Ganesh, M. S. R., Kadali, K. S., Bhukya, R., Palleswari, Y. T. R., Siva, A., & Pragaspathy, S. (2021). Design of decision based recursive weighted median filter with exponential weights. Paper presented at the Journal of Physics: Conference Series, , 2089(1) doi:10.1088/1742-6596/2089/1/012016	M Ganesh	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012016
9	Garapati, D. P., Nalli, P. K., Swaroop, K. P., & Kumar, Y. V. (2021). SHE-PWM LOW COST MULTI LEVEL INVERTER for PV BASED WATER PUMPING APPLICATIONS. Paper presented at the Journal of Physics: Conference Series, , 2089(1) doi:10.1088/1742-6596/2089/1/012019	G Durga Prasad	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012019
10	Garapati, D. P., Swaroop, K. P., & Jegathesan, V. (2021). Performance analysis of multi-level inverter using phase disposition with various carrier signal arrangements doi:10.1007/978-981-15-8221-9_184	G Durga Prasad	EEE	Scopus	Conference Proceedings	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_184
11	Jethani, S., Jain, E., Thomas, I. S., Pechetti, H., Pareek, B., Gupta, P., . . . Singal, G. (2021). Surveillance system for monitoring social distance, Advanced Computing. IACC 2020. Communications in Computer and Information Science, vol 1367. Springer, Singapore. https://doi.org/10.1007/978-981-16-0401-0_8			Scopus	Conference, Springer Chapter	https://doi.org/10.1007/978-981-16-0401-0_8
12	Jonnalagadda, V., Sugavanam, K. R., Mohanasundaram, K., Kuppuswamy, C. L., Bhukya, R., & Kadali, K. S. (2021). Retraction: Modified zeta converter based on ANFIS controller using MPPT PV system. Journal of Physics: Conference Series, 1916(1) doi:10.1088/1742-6596/1916/1/012126	J Venkatesh	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012126

13	K, V. S. P., Peddapati, S., & Naresh, S. (2021). A new fault-tolerant MLI - investigating its skipped level performance. IEEE Transactions on Industrial Electronics, doi:10.1109/TIE.2021.3062259	K V S Prasada Rao	EEE	Scopus	Journal	https://ieeexplore.ieee.org/document/9369122
14	Kamarajugadda, K. K., Movva, P., Raju, M. N., Kant, S. A., & Thatavarti, S. (2021). IoMT with cloud-based disease diagnosis healthcare framework for heart disease prediction using simulated annealing with SVM, Smart Sensors for Industrial Internet of Things pp 115–126 doi:10.1007/978-3-030-52624-5_8	Manthena Narasimha Raju	CSE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-3-030-52624-5_8
15	Kandula, B. S., Kalluru, P. V., & Inty, S. P. (2021). Design of area efficient VLSI architecture for carry select adder using logic optimization technique. Computational Intelligence, 37(3), 1155-1165. doi:10.1111/coin.12347	K Padma Vasavi	ECE	Scopus	Conference, Springer Chapter	https://onlinelibrary.wiley.com/doi/abs/10.1111/coin.12347
16	Karumuri, A., & Medapati, P. K. (2021). Low-power and high-speed 2-4 and 4-16 decoders using modified gate diffusion input (M-GDI) technique doi:10.1007/978-981-15-3828-5_10 , Microelectronics, Electromagnetics and Telecommunications pp 79–91	M Prem Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_10#:~:text=By%20using%20modified%20gate%20diffusion%20input%20(M%2DGDI)%20methodology,Virtuoso%2090%20nm%20CMOS%20technology.
17	Koduri, O., Pranathi, B. S., Varma, S. D. K., & Duvvuri, S. S. (2021). Islanding detection for utility-grid interfaced PV inverter using wavelet packet transform. Paper presented at the 2021 IEEE 4th International Conference on Computing, Power and Communication Technologies, GUCON 2021, doi:10.1109/GUCON50781.2021.9573733	K Omkar	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9573733
18	Koduri, O., Varma, S. D. K., & Duvvuri, S. S. (2021). Islanding detection of utility-grid interfaced PV inverter with OVP/UVP and OFP/UFP protection relays. Paper presented at the 2021 Asian Conference on Innovation in Technology, ASIANCON 2021, doi:10.1109/ASIANCON51346.2021.9544744	K Omkar	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9544744
19	Krishna, D. M., Sahu, S. K., & Srinivasa Raju, G. R. L. V. N. (2021). MLRNet: Skin lesion segmentation using hybrid gaussian guided filter with CNN. Paper presented at the Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021, 1337-1343. doi:10.1109/ICECA52323.2021.9676020	D Murali Krishna	ECE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9676020

20	Kumar, M. P., Veer Raju, V., & Rajesh Kumar, P. (2021). Image fusion of X-ray mammography using weighted averaging GA-based SWT technique doi:10.1007/978-981-15-3828-5_66 , Smart Intelligent Computing and Applications, Volume 2 pp 543–552	M Prem Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_66
21	Kurada, R. R., Ramu, Y., & Pattem, S. (2021). Lessoning geospatial visualizations on real-time data. Paper presented at the CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information Technology for Sustainable Solutions, Proceedings, doi:10.1109/CSITSS54238.2021.9683776	K Rama CHandra Rao	CSE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9683776
22	Malleswararao Battina, N., Vanthala, V. S. P., & Chirala, H. K. (2021). Influence of tool pin profile on mechanical and metallurgical behavior of friction stir welded AA6061-T6 and AA2017-T6 tailored blanks. Engineering Research Express, 3(3) doi:10.1088/2631-8695/ac1a5a	B Malleswara Rao	ME	Scopus	Journal	https://iopscience.iop.org/article/10.1088/2631-8695/ac1a5a
23	Mann, G., Kadiyala, K. G., Thirumal, M., Tiwari, A. K., & Datta, A. (2021). Receptor mapping using methoxy phenyl piperazine derivative: Preclinical PET imaging. Bioorganic Chemistry, 117 doi:10.1016/j.bioorg.2021.105429	K Ganesh	BS-Chemistry	Scopus	Book Chapter	https://www.sciencedirect.com/science/article/pii/S0045206821008063
24	Mohana sundaram, K., Boopathi, C. S., Pandian, A., Kadali, K. S., Sathyamurthy, R., Anandhraj, P., & Madhu, B. (2021). Predator–Prey based firefly optimization for PV module parameters extraction. Energy Reports, 7, 609-615. doi:10.1016/j.egyr.2021.07.121	K Kalyan Sagar	EEE	Scopus	Journal	https://www.sciencedirect.com/science/article/pii/S2352484721005850
25	Nagaraju, C., Hari Krishna, C., Kiran, K. R. V., & Dandamudi, P. S. (2021). An intelligent system for predicting roll pressure in the cold rolling of Ti6Al4V. Engineering Research Express, 3(3) doi:10.1088/2631-8695/ac25e6	Ch. Hari Krishna	ME	Scopus	Journal	https://iopscience.iop.org/article/10.1088/2631-8695/ac25e6/meta
26	Nalli, P. K., Kadali, K. S., Bhukya, R., Palleswari, Y. T. R., Siva, A., & Pragaspathy, S. (2021). Design of exponentially weighted median filter cascaded with adaptive median filter. Paper presented at the Journal of Physics: Conference Series, , 2089(1) doi:10.1088/1742-6596/2089/1/012020	N Praveen Kumar	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012020/meta

27	Nalli, P. K., Kadali, K. S., Bhukya, R., Rajeswari, V., & Garapati, D. P. (2021). Experimental validation for A nine-switched 3-phase multilevel inverter (MLI) with a photovoltaic (PV) source of array. Paper presented at the Journal of Physics: Conference Series, , 2089(1) doi:10.1088/1742-6596/2089/1/012021	N Praveen Kumar	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/2089/1/012021/meta
28	Palleswari, Y. T. R., Siva, A., Kadali, K., & Bhukya, R. (2021). Retraction: Performance of CH-DVR during phase angle jump and fault riding. Journal of Physics: Conference Series, 1916(1) doi:10.1088/1742-6596/1916/1/012011	Y T R Palleswari	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012011/meta
29	Pamarthi, N., & Rao, N. N. (2021). Exponential ant-lion rider optimization for privacy preservation in cloud computing. Web Intelligence, 19(4), 275-293. doi:10.3233/WEB-210473	P Naga Raju	CSE	Scopus, WoS	Journal	https://content.iospress.com/articles/web-intelligence/web210473
30	Pokkuluri, K. S., & Nedunuri, S. S. S. N. U. D. (2021). A secure cellular automata integrated deep learning mechanism for health informatics. International Arab Journal of Information Technology, 18(6), 782-788. doi:10.34028/iajit/18/6/5	P Kiran Sree	CSE	Scopus	Journal	https://iajit.org/portal/images/year2021/no6/19695.pdf
32	Priyadarsini, K., Karthik, S., Malathi, K., & Rao, M. V. V. R. (2021). Impact of COVID-19 on IIoT. Industrial internet of things (IIoT): Intelligent analytics for predictive maintenance (pp. 321-348) doi:10.1002/9781119769026.ch13	V V R Maheswara Rao	CSE	Scopus	Conference Proceedings	https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119769026.ch13
33	Radhika, A., Thenmozhi, G., Suresh Babu, B., & Vidhya, V. (2021). Power conversion in PMSG wind energy conversion systems using trans Z source inverter. Paper presented at the 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021, doi:10.1109/ICAECA52838.2021.9675633	B Suresh Babu	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9675633
34	Raju Kalidindi, S. N., Terlapu, S. K., & Krishna, M. V. (2021). Implementation of efficient reconfigurable FIR filter with control logic for 5G applications. Soft Computing, 25(15), 10509-10518. doi:10.1007/s00500-021-05997-7	T Sudheer Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/article/10.1007/s00500-021-05997-7
35	Raju, K. M., & Srinivas Rao, V. (2021). Escalation of energy performance in many user-several inputs and several output system with spectral ability compulsion doi:10.1007/978-981-15-3828-5_24	V Srinivasa Rao	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_24

36	Ravuri, V., Terlapu, S. K., & Nayak, S. S. (2021). Adaptive level cross sampling for next-generation data-driven applications doi:10.1007/978-981-15-3828-5_65	T Sudheer Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_65
37	Ravuri, V., Terlapu, S. K., & Nayak, S. S. (2021). Performance evaluation of compressive sensing matching pursuit backtracking iterative hard thresholding algorithm for improving reconstruction. Journal of Intelligent and Fuzzy Systems, 40(4), 5777-5786. doi:10.3233/JIFS-189417	T Sudheer Kumar	ECE	Scopus	Journal	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs189417
38	Sairam Vamsi, T., Sudheer Kumar, T., & Vamsi Krishna, M. (2021). Impact analysis of black hole, flooding attacks and enhancements in MANET using SHA-3 Keccak Algorithm doi:10.1007/978-981-15-3828-5_12	T Sudheer Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_12
39	Sarathbabu Duvvuri, S. S. R., & Padmaja, S. M. (2021). Non-linear observer based stator inter-turn short-circuit fault detection in 3-Φ induction motor. Paper presented at the Proceedings of 2021 21st International Symposium on Power Electronics, Ee 2021, doi:10.1109/Ee53374.2021.9628215	S S S R Sarath Babu	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9628215
40	Silpa, N., & Maheswara Rao, V. V. R. (2021). Enriched big data pre-processing model with machine learning approach to investigate web user usage behaviour. Indian Journal of Computer Science and Engineering, 12(5), 1248-1256. doi:10.21817/INDJCSE/2021/V12I5/211205050	V V R Maheswara Rao	CSE	Scopus	Journal	http://www.ijcse.com/docs/INDJCSE21-12-05-050.pdf
41	Sree, P. K., & Usha Devi, N. (2021). DLCDI: A novel deep learning mechanism for chronic diseases identification. Intelligent information retrieval for healthcare systems (pp. 65-92)	P Kiran Sree	CSE	Scopus	Conference, Springer Chapter	Intelligent Information Retrieval for Healthcare Systems – Nova Science Publishers (novapublishers.com)
42	Sridhar, P., & Ganapuram, S. (2021). Morphometric analysis using fuzzy analytical hierarchy process (FAHP) and geographic information systems (GIS) for the prioritization of watersheds. Arabian Journal of Geosciences, 14(4) doi:10.1007/s12517-021-06539-z	P Sridhar	CE	Scopus	Journal	https://link.springer.com/article/10.1007/s12517-021-06539-z
43	Srikanth, M. V., & Yadaiah, N. (2021). A magnitude optimum approach for tuning reduced-order ADRC with FOPDT models. Paper presented at the 2021 7th Indian Control Conference, ICC 2021 - Proceedings, 46-51. doi:10.1109/ICC54714.2021.9703133 Retrieved from www.scopus.com	M V Srikanth	EEE	Scopus	Conference	https://ieeexplore.ieee.org/document/9703133

44	Srikanth, M. V., & Yadaiah, N. (2021). Analytical tuning rules for reduced-order active disturbance rejection control with FOPDT models through multi-objective optimization and multi-criteria decision-making. ISA Transactions, 114, 370-398. doi:10.1016/j.isatra.2020.12.035	M V Srikanth	EEE	Scopus	Journal	https://www.sciencedirect.com/science/article/pii/S0019057820305541
45	Subba Rao, B. V., Kanakam, A., & Yedlapalli, P. (2021). Representable autometrized semialgebra. Thai Journal of Mathematics, 19(4), 1267-1272.	Y Phani	BS-Maths	Scopus	Journal	http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/viewFile/1528/354354926#:~:text=By%20a%20Representable%20Autometrized%20Algebra,a%20%E2%88%97%7%20x%20are%20contractions.
46	Subbarao, M. V., Terlapu, S. K., Chakravarthy, V. V. S. S. S., & Satapaty, S. C. (2021). Pattern recognition of time-varying signals using ensemble classifiers doi:10.1007/978-981-15-3828-5_76	M V Subbarao	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_76
47	Suresh Babu, B. (2021). Adaptive dragonfly optimization based placement of capacitor banks for voltage stability enhancement in distribution networks. Strategic Planning for Energy and the Environment, 40(1), 25-38. doi:10.13052/spee1048-5236.4012	B Suresh Babu	EEE	Scopus	Conference Proceedings	https://journals.riverpublishers.com/index.php/SPEE/article/view/21071/17125
48	Suresh Babu, B. (2021). Retraction: TLBO based power system optimization for AC/DC hybrid systems. Journal of Physics: Conference Series, 1916(1) doi:10.1088/1742-6596/1916/1/012023	B Suresh Babu	EEE	Scopus	Conference Proceedings	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012023
49	Swamy, B., Veeraiah, N., Nagaraju, E., & Chakravarthi, B. N. C. V. (2021). Review of non conventional power electronic converters for solar PV with non-linear loads. Paper presented at the Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021, 358-361. doi:10.1109/ICCES51350.2021.9489077	E Nagaraju	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9489077
50	Swaroop, K. P., Garapati, D. P., Nalli, P. K., & Duvvuri, S. S. (2021). Service restoration in distribution system using breadth-first search technique. Paper presented at the Proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021, 403-407. doi:10.1109/ICEES51510.2021.9383670	K P Swaroop	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9383670

51	Swaroop, K. P., Sarathbabu Duvvuri, S. S. S. R., & Pavani, K. (2021). Dynamic voltage restorer using SRF controller to mitigate Sag/Swell in industrial drive applications. Paper presented at the 2021 18th International Scientific Technical Conference Alternating Current Electric Drives, ACED 2021 - Proceedings, doi:10.1109/ACED50605.2021.9462272	K P Swaroop	EEE	Scopus	Conference Proceedings	https://ieeexplore.ieee.org/document/9462272
52	Terlapu, S. K., Subba Rao, M. V., Chowdary, P. S. R., & Satapaty, S. C. (2021). Design and analysis of koch fractal slots for ultra-wideband applications doi:10.1007/978-981-15-3828-5_77	T Sudheer Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_77
53	Varma, R. A. C., Subbarao, M. V., Varma, D. R., & Raju, G. R. L. V. N. S. (2021). High-throughput VLSI architectures for VLSI signal processing doi:10.1007/978-981-15-3828-5_37	M V Subbarao	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_37
54	Varma, S. D. K., Obulesh, Y. P., & Saibabu, C. (2021). A co-ordinated ride through capability and power quality enhancement scheme for grid tied PMSG based wind energy. International Journal of Renewable Energy Research, 11(2), 535-545.	S D K Varma	EEE	Scopus	Journal	https://www.ijrer.org/ijrer/index.php/ijrer/article/view/11816/pdf
55	Vegesna, N., Yamuna, G., & Sudheer Kumar, T. (2021). Synthesis of non-uniformly spaced linear antenna array using firefly algorithm doi:10.1007/978-981-15-3828-5_71	T Sudheer Kumar	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-15-3828-5_71
56	Venkata Subbarao, M., & Samundiswary, P. (2021). Automatic modulation classification using cumulants and ensemble classifiers doi:10.1007/978-981-16-0443-0_9	M V Subbarao	ECE	Scopus	Conference, Springer Chapter	https://link.springer.com/chapter/10.1007/978-981-16-0443-0_9#:~:text=It%20works%20on%20a%20principle,class%20label%20for%20unknown%20signal.