V R Siddhartha Engineering College: Vijayawada (Autonomous)

Department of Electrical and Electronics Engineering

Faculty Publications for the Academic Year: 2023-24

International Journals (30)

SCI/SCIE: 17,   SCOPUS: 10,   ESCI: 03

Q1: 08   Q2: 10   Q3: 10   Q4: 01

UG: 02 (ESCI)

Sl. No.	Name of the Faculty/ Students	Name of the Paper	Name of the Journal	Volume No., Issue etc.	SCI/ SCIE/ ESCI/ SCOPUS/ UGC	Q-Index	Impact Factor	UG /P G
1	**Bindu Vadlamudi** and T Anuradha	Optimized Hybrid CNN-LSTM Based Islanding Detection of Solar-Wind Power System	Electric Power Components and Systems	Vol. 52, no. 3, pp. 337–355, June 2023. DOI: 10.1080/15325008.2023.2220333	SCIE	Q3	1.5	-
2	**Bindu Vadlamudi** and T Anuradha	Review of islanding detection using advanced signal processing techniques	Electrical Engineering	Vol. 106, pp. 181-202, August 2023. DOI: 10.1007/s00202-023-01967-4	**SCIE**	Q2	1.4	-
3	**K Dhananjay Rao**, Mudunuru Satya Dev Kumar, Paidi Pavani, Darapureddy Akshitha, Kagitha Nagamaleswara Rao, Hafiz Tayyab Rauf and Mohamed Sharaf	Cardiovascular disease prediction using hyper parameters-tuned LSTM considering COVID-19 with experimental validation	AIMS Bioengineering	vol. 10, no. 3, pp. 265-282, September 2023. DOI: 10.3934/bioeng.2023017	**ESCI**	-	1.2	UG

4	**Subhojit Dawn, Gummadi Srinivasa Rao, M. L. N. Vital, K. Dhananjay Rao**, Faisal Alsaif and Mohammed H. Alsharif	Profit Extension of a Wind-Integrated Competitive Power System by Vehicle-to-Grid Integration and UPFC Placement	Energies	vol. 16, no. 18, September 2023. DOI: 10.3390/en16186730	**SCIE**	Q1	3.2	-
5	**Subhojit Dawn**, Shreya Shree Das, M. Ramesh, S R Inkollu, T K S Pandraju, Faisal Alsaif, Sager Alsulamy and Taha Selim Ustun	Profit Expansion of a Solar Integrated Day-Ahead System by Placement of TCSC and Fuel Cell in the Presence of Disequilibrium Price	IEEE Access	vol. 11, pp. 111812 – 111831, September 2023. DOI: 10.1109/ACCESS.2023.3315747	**SCIE**	Q1	3.9	-
6	T. Papi Naidu, G. Balasubramanian and **B Venkateswararao**	Optimal power flow with distributed energy sources using whale optimization algorithm	International Journal of Electrical and Computer Engineering (IJECE)	vol. 13, no. 5, pp. 4835-4844, October 2023. DOI: 10.11591/ijece.v13i5	**SCOPUS**	Q3	0.704	-
7	**Chaitanya S.N.V.S.K**., Bakkiyaraj R.A. and **Rao B.V**.	Scenario-Based Approach to Solve Optimal Reactive Power Dispatch Problem with Integration of Solar Energy Using Modified Ant Lion Optimizer	SN Computer Science	vol. 5, no. 1, December 2023. DOI: 10.1007/s42979-023-02315-w	**SCOPUS**	Q2	1.278	-
8	**Indira Damarla**, Venmathi Mahendran, Ramudu Ganji and Sangari A	A Quick Demagnetization Approach for low torque ripple in Three Phase SR Motor Drive System for EV Applications	International Journal of Circuit Theory and Applications	Vol. 52, no. 6 pp. 2916-2935, December 2023. DOI: 10.1002/cta.3898	**SCIE**	Q2	2.45	-
9	**Indira Damarla**, Venmathi Mahendran, Krishna kumar V and Anbarasan P	Performance Analysis of FEC Based SR Motor Drive Using Fuzzy Tuned PI Controller	Circuit World	Vol. 50, no. 2-3, pp. 293–307, December 2023. DOI: 10.1108/CW-08-2022-0240	**SCIE**	Q3	2.1	-
10	Koganti Srilakshmi, **Gummadi Srinivasa Rao**, Katragadda Swarnasri, Sai Ram Inkollu, Krishnaveni Kondreddi, Praveen	Optimization of ANFIS controller for solar/battery sources fed UPQC using an hybrid algorithm	Electrical Engineering	Vol. 106, pp. 3743-3770, January 2024. DOI: 10.1007/s00202-023-02185-8	**SCIE**	Q2	1.8	-

	Kumar Balachandran and Ilhami Colak							
11	Srilakshmi, K., **Rao, G.S.,** Praveen Kumar Balachandran and Tomonobu Senjyu	Green Energy Sourced AI Controlled Multilevel UPQC Parameter Selection Using Foot Ball Game Optimization	Frontiers in Energy Research	vol. 12, February 2024, DOI: 10.3389/fenrg.2024.1325 865	**SCIE**	Q2	3.858	-
12	SeshuMoturu, **Srinivasa Rao Gummadi**, Madhu Valavala, VeeraVasantha Rao Battula, and Sravanthi Kantamaneni	A Novel Transformer Approach for the Recompensed Measurement Generation and Accurate Topology Identification	Engineering Letters	vol. 32, no. 3, pp. 601-613, March 2024	**SCOPUS**	Q3	2	-
13	Koganti Srilakshmi, **Gummadi Srinivasa Rao**, KatragaddaSwarnasri, Sai Ram Inkollu, KrishnaveniKondreddi, Praveen Kumar Balachandran, C. Dhanamjayulu and Baseem Khan	Multiobjective Neuro-Fuzzy Controller Design and Selection of Filter Parameters of UPQC Using Predator Prey Firefly and Enhanced Harmony Search Optimization	International Transactions on Electrical Energy Systems	vol. 2024, no. 6611240, March 2024. DOI: 10.1155/2024/6611240	**SCIE**	Q2	5.3	-
14	**Ranga, Madhu Sudana Rao, Veera Reddy Aduru, N. Vamsi Krishna, K. Dhananjay Rao, Subhojit Dawn,** Faisal Alsaif, Sager Alsulamy, and Taha Selim Ustun	An Unscented Kalman Filter-Based Robust State of Health Prediction Technique for Lithium Ion Batteries	Batteries	vol. 9, no. 7, pp. 376, July 2023. DOI: 10.3390/batteries907037 6	**SCIE**	Q2	4	-
15	Srinivasarao Thumati, **Madhusudana Rao Ranga, Veera Reddy Aduru**, Veera Vasantha Rao Battula and Sravanthi Kantamaneni	Hybrid Dandelion Optimizer-based Multi-Objective Photovoltaic Power Penetration Maximization in Reconfigurable Distribution Networks	International Journal of Intelligent Engineering	vol. 16, no. 4, pp. 105–1142023, July 2023. DOI: 10.22266/ijies2023.0831. 09	**SCOPUS**	Q3	3.1	-
16	K. V. S. R. Prasad, **K. Dhananjay Rao** and F. Alsaif	Induction Motor Structure Design to Reduce Vibrations with Numerical (FEA) and Experimental (VA) Techniques	IEEE Access	Vol. 12, pp. 40894-40904, April 2024. DOI: 10.1109/ACCESS.2024. 3374785	**SCIE**	Q1	3.9	-
17	**K. Dhananjay Rao**, N Vijaya Anand, Thandava Krishna Sai, F. Alsaif and Ustun T.S	Optimally Tuned Gated Recurrent Unit Neural Network-based State	IEEE Access	Vol. 12, pp. 58597-58607, May 2024. DOI: 10.1109/ACCESS.2024.	**SCIE**	Q1	3.9	-

	Authors	Title	Journal	Volume/Details	Index	Quartile	IF	
		of Health Estimation Scheme for Lithium Ion Batteries		3392432				
18	**K. Dhananjay Rao**, Anilkumar Chappa, **SVNSK Chaitanya**, A. Hemachander, B. PhaniTeja, **Subhojit Dawn**, Miska Prasad and Taha Selim Ustun	Fractional order modeling based optimal multistage constant current charging strategy for lithium iron phosphate batteries	Energy Storage	vol. 6, no. 2, pp. e593, March 2024, DOI: 10.1002/est2.593	**SCOPUS**	Q3	3.2	-
19	**Lalitha Kondisetti** and Swarnasri Katragadda	A multi-objective artificial hummingbird algorithm for dynamic optimal volt-var controls for high electric vehicle load penetration in a photovoltaic distribution network	e-Prime - Advances in Electrical Engineering, Electronics and Energy	vol. 7, March 2024. DOI 10.1016/j.prime.2024.100474	**SCOPUS**	Q1	1.5	-
20	Bhavana, V Rajeswari, **K Lalitha**, J Vijay anand, and Srinivasarao Thumati	An Application of Hybrid Sine Cosine Optimization for Developing Sustainable Agriculture Distribution Feeders with Optimal Photovoltaic Systems	International Journal of Intelligent Engineering and Systems	Vol. 17, no. 1, pp. 393-402, April 2024, DOI: 10.22266/ijies2024.0229.35	SCOPUS	Q2	1.9	-
21	**Lalitha Kondisetti** and Katragadda Swarnasri	Hybridization of Improved Northern Goshawk Optimization and Line Loadability Index for Reconfiguration Considering Solar and Electric Vehicles	International Journal of Intelligent Engineering and Systems	Vol. 17, no. 2, April 2024. DOI: 10.22266/ijies2024.0430.35	**SCOPUS**	Q3	1.9	-
22	**Swarupa Rani Bondalapati**, Baddu Naik Bhukya, G.V. Prasanna Anjaneyulu, Manam Ravindra, B. Sarath Chandra	Bidirectional Power Flow between Solar-Integrated Grid to Vehicle, Vehicle to Grid, and Vehicle to Home	Journal of Applied Science and Engineering	vol. 27, no. 5, pp. 2571-2581, October 2023. DOI: 10.6180/jase.202405_27(5).0014	**SCOPUS**	Q2	1.3	-
23	Koganti Srilakshmi, D. Teja Santosh, **Alapati Ramadevi,** Praveen Kumar Balachandran, Ganesh Prasad Reddy,	Development of renewable energy fed three-level hybrid active filter for EV charging station load using Jaya grey wolf optimization	Scientific Reports	vol. 14, pp. 4429, 2024. DOI: 10.1038/s41598-024-54550-7	**SCIE**	Q1	4.6	-

	Aravindhababu Palanivelu, IlhamiColak, C. Dhanamjayulu, Ravi Kumar Chinthaginjala and Baseem Khan							
24	Vutukuri Sarvani Duti Rekha, **Swarupa Rani Bondalapati**, RatnaKumariVemuri,RamaraoGude, Praveen Tumuluru and Surya Prasada Rao Borra	New Services And Applications can Leverage the Power of Low Reliable and Latency Communication for Mission Critical Distributed Industrial Internet of Things	Journal of Theoretical and Applied Information Technology	vol. 101, no. 12, June 2023	**SCOPUS**	Q4	1.1	-
25	Koganti Srilakshmi, **Alapati Ramadevi**, J. Ganesh Prasad Reddy, K. Krishna Jyothi, Krishnaveni Kondreddi, Praveen Kumar Balachandran and Ilhami Colak	A New Control Scheme for Wind/Battery Fed UPQC for the Power Quality Enhancement: A Hybrid Technique	IETE Journal of Research	Vol. 70, no. 11, pp. 8184-8191, 2024. DOI: 10.1080/03772063.2024.2370959	**SCIE**	Q3	1.3	-
26	Saravanan, Perumal, Kumar Cherukupalli, **Ramesh Jayaraman** and Nattanmai Balasubramanian Prakash	An Analysis of the Experimental Configuration of a Standalone PV System	Tehnički Vjesnik	vol. 31, no. 4, pp. 1048-1054, 2024. DOI: 10.17559/TV-20230628000768	**SCIE**	Q3	1.9	-
27	Vijayammal, B. K. P, Cherukupalli, K, **Jayaraman R.**, and Kannan E	A Multi-Objective Approach with Modified Particle Swarm Optimization and Hybrid Energy Systems	Tehnički Vjesnik	vol. 31, no. 5, 2024. DOI: 10.17559/TV-20231213001205	**SCIE**	Q3	1.9	-
28	**R. C. Vankina**, S. Gope, **S. Dawn**, F. Alsaif and T. S. Ustun	An Approach for Attaining Economic Profit by Optimal Operation of Hybrid Thermal-Wind-PHS-EV System in a Deregulated System	IEEE Access	vol. 12, pp. 95684-95702, 2024. DOI: 10.1109/ACCESS.2024.3426324	**SCIE**	Q1	3.9	-
29	**Chowdary Vankina Ravindranadh,** Sadhan Gope, **Subhojit Dawn**, Ahmed Al Mansur, and Taha Selim Ustun	An Effective Strategy for Achieving Economic Reliability by Optimal Coordination of Hybrid Thermal–Wind–EV	World Electric Vehicle Journal	vol. 15, no. 7, pp. 289, 2024. DOI: 10.3390/wevj15070289	**ESCI**	Q2	2.6	-

		System in a Deregulated System					
30	Mallemoggala Pavani Siva, **Gummadi Srinivasarao**, Jananika Katta, Vanapalli Swetha and Bala Sheshasri Guttula	Enhancing Fuel Efficiency and Emission Control in Diesel Locomotives through Auxiliary Power Units (APUs) in Neutral Conditions	Journal of Climate Change	vol. 10, no. 2, pp. 69-74, 2024. DOI: 10.3233/JCC240016	**ESCI**	Q1	0.7	UG

International Conferences (34)

SCOPUS: 30

IEEE Conference: 18

UG: 22 (SCOPUS), 01 (WoS), 02 (Others)   PG: 01 (SCOPUS)

Sl. No.	Nmae of the Faculty/ Students	Name of the Paper	Name of the Conference	DOI	SCOPUS	IEEE/ Others	UG/ PG
1	**A. V. Reddy, B. Venkateswararao**, Ł. Knypiński and R. Devarapalli	Sizing of the Switched Reluctance Motor for Electric Vehicles	2023 Progress in Applied Electrical Engineering (PAEE), Koscielisko, Poland	10.1109/PAEE59932.2023.10244727	**SCOPUS**	**IEEE**	-
2	**K. D. Rao**, K. K. Reddy, P. Koushik, B. Avinash and D. L. Madhavi	Performance Analysis of Lithium-Ion Battery Considering Round Trip Efficiency	2023 IEEE 2nd International Conference on Industrial Electronics: Developments & Applications (ICIDeA), India	10.1109/ICIDeA59866.2023.10295170	**SCOPUS**	**IEEE**	UG
3	Rajasekhar Chandana, **B Venkateswara Rao**, Rajini Gudipudi , Akshith Roy Kopuri, Sri Jayanth Javvaji	Adaptive Traffic Sensing Drone	2nd IEEE International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2023), Sri Venkateshwara College of Engineering, Bengaluru, India	-	**SCOPUS**	-	UG
4	**K. D. Rao**, M. Taddi, T. Sriramula, D. Kumar Baliga, A. Simhadri and P. S. Panigrahy	Detection of Cyber Attacks on Wireless BMS of Electric Vehicles using Long Short-Term Memory Networks	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), Bangalore, India	10.1109/CSITSS60515.2023.10334240	**SCOPUS**	**IEEE**	UG

5	**Indira Damarla**, Aare Anand, T. Thanmai Reethika and H. Sai Niharika	Integration of Renewable Energy Resources to EV Using Sensorless Control and Regenerative Braking	2nd International Conference on Emerging Trends in Engineering, ICETE, Atlantis Press, Advances in Engineering Research, Springer, pp. 614-624, November 2023	10.2991/978-94-6463-252-1_63	**SCOPUS**	-	**UG**
6	Jahnavi Chinthaguntla, **Gummadi Srinivasarao**, Gunteiah Upputuri, Jayanth Tulluri and Niharika Dharavath	A Smart Anti-Collision System for Car Doors	4th International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT-2023), VIT, Vellore, India and Universiti of Malaya	10.1109/i-PACT58649.2023.10434554	**SCOPUS**	**IEEE**	**UG**
7	O Jahnavi, **Venkateswara Rao B**, DhathriSree M, P Praveen Kumar and SaiNarendra M	A Novel approach to design a Multi featured Smart TV using Raspberry PI	Springer Nature International Conference SIGMAA-2023, India, 15-16 December 2023	10.1007/978-981-97-6352-8_19	**SCOPUS**	-	**UG**
8	Mallemoggala Pavani Siva, **Gummadi Srinivasarao,** Jananika Katta, Vanapalli Swetha and Bala Sheshasri Guttula	Optimizing Power Quality and Harmonics Mitigation through Integration of Photovoltaic, Wind, and Battery Systems Using a Three-Level Inverter in DC Micro grid Energy Management	5TH International Conference On Innovations In Communication Computing And Sciences (ICCS-2024), Chandigarh Engineering College, 21-22 March 2024	-	**WoS**	-	**UG**
9	**Gummadi Srinivasarao, A Rama Devi,** and P Sai Rama Krishna	Multifunctional Convertible Bed Cum Wheelchair Design, Fabrication and Health monitoring using IoT	5TH International Conference On Innovations In Communication Computing And Sciences (ICCS-2024), Chandigarh Engineering College, 21-22 March 2024	-	**WoS**	-	-
10	Veeranki Pavan Kumar, **B. Venkateswara Rao** and Gummadi Jagadeesh Harsha	Design and Implementation of EV charging station with the aid of Solid-State Transformer and Renewable energy	2nd IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2024) technology, IEEE MP Section and ABV-IIITM Gwalior, India	10.1109/IATMSI60426.2024.1050339	**SCOPUS**	IEEE	-
11	Rajasekhar Chandana, **B Venkateswara Rao**, Rajini Gudipudi, Akshith Roy Kopuri, and Sri	Enhancing E-Bike Trips Through Precise Duration And Battery Consumption Prediction Using Machine Learning	5TH International Conference On Innovations In Communication Computing And Sciences (ICCS-2024), Chandigarh Engineering College, 21-22 March 2024	-	**WoS**	-	**UG**

	Jayanth Javvaji						
12	Harini G. and **P. Venkatesh**	Optimal reactive power dispatch using hybrid whale and sine cosine optimization algorithm	AIP Conference Proceedings, 14TH International Conference On Materials Processing And Characterization 2023, 24–26 March 2023, Hyderabad, India	10.1063/5.0193841	**SCOPUS**	AIP	**PG**
13	M. C, M. Sumithra, **M. Rao Ranga**, K. R. Kumar, D. Suganthi and S. Karthiyayini	Employing a Deep Learning Technique to Categorize Internet of Things (IoT) Traffic in a Smart City Context	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India	10.1109/ICAISS58487.2023.10250670	**SCOPUS**	-	-
14	**V. K. Jonnalagadda, V. Reddy Aduru**, D. Reddy and S. Y. Vamsi Kumar	Artificial Neural Network Based Improving Inertia Control With Grid-Connected Renewable Energy Sources	2023 Second International Conference on Trends in Electrical, Electronics, and Computer Engineering (TEECCON), Bangalore, India	10.1109/TEECCON59234.2023.10335830	**SCOPUS**	IEEE	-
15	V. S. Pavan M, **Ravindranadh V**, I. Shareef, V. S. Sathish D and P. S. Sankar J	Optimizing Battery Performance -Active and Passive Cell Balancing	2024 Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), Krishnankoil, Virudhunagar, Tamil Nadu, India	-	**SCOPUS**	-	**UG**
16	M. Tarun, **V. K. Jonnalagadda**, A. J. Sai, K. Nivas and P. V. Mohan	Stress Detection by Deep Learning Technique	2024 Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), Krishnankoil, Virudhunagar district, Tamil Nadu, India	10.1109/INCOS59338.2024.10527550	**SCOPUS**	**IEEE**	**UG**
17	N. N. Prabhas, **V. K. Jonnalagadda**, A. S. Babu, V. M. Kanth and N. Sadhvik	Augmented Fuzzy- ILC for Trajectory Tracking Control of Magnetic Levitation System	2024 Third International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS), Krishnankoil, Virudhunagar district, Tamil Nadu, India	10.1109/INCOS59338.2024.10527611	**SCOPUS**	**IEEE**	**UG**
18	HariTejaCharakanam, **Indira Damarla**, Rajesh Panda, Madhu Kumar Kosuri, Abhishek Arya Ramisetti and Hima Chowdary Potluri	Optimal Power Allocation of BESS in Microgrid using Machine Learning Techniques	IEEE International Conference on Emerging Trends in Information Technology and Engineering (ICETITE), Feb. 2024	10.1109/ic-ETITE58242.2024.10493409	**SCOPUS**	**IEEE**	**UG**

19	A. Packialatha, **Bindu Vadlamudi**, B.V. Sai Thrinath, C.S. Sundar Ganesh, Mohammad Ishrat and Archana Bhaskar	Electrical vehicle management and tracking using IOT	2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	10.1109/ICSES60034.2023.10465538	**SCOPUS**	**IEEE**	-
20	Cherukumpalem Mohiddin Khan, S.**V.R Lakshmi Kumari**, Chundi Vinay Kumar, Mekala Hema and Rayipudi Angel	Real-time Solar Power Optimization and Energy Monitoring System with Maximum Power Point Tracking	2024 Third International Conference on Power, Control and Computing Technologies (ICPC2T), NIT, Raipur	10.1109/ICPC2T60072.2024.10474843	**SCOPUS**	**IEEE**	**UG**
21	**Vital M.L.N**, Srinu Ejjipurapu, Daya Sagar Battu, Apsha Mohammad, Uday Annapareddy	Implementation of Machine Learning Algorithms for Accurate Determination of Plant Diseases	2nd IEEE International Interdisciplinary Humanitarian Conference for Sustainability (IIHC-2023), Sri Venkateshwara College of Engineering, SVCE, Bengaluru	-	**SCOPUS**	**IEEE**	**UG**
22	Chavalam Lakshmi Prasanna Chaitanya, **M.L.N. Vital,** Penumathsa Tejaswi, Modugu Ankitha, Prakki Naga Sindu Sri Latha	A Cognitive Approach to Generate Electrical Energy from Acousticmedium	3rd International Conference on Power Electronics, Intelligent Control, and Energy Systems (IEEE-ICPEICES-2024), Delhi Technological University, Delhi, India	10.1109/ICPEICES62430.2024.10719322	**SCOPUS**	**IEEE**	**UG**
23	**M.L.N Vital, Srinu Ejjipurapu**, DayaSagar, Battu Apsha Mohammad, Uday Annapareddy	Performance Evaluation Of Machine Learning Algorithms For Stability Prediction In Smart Grids	2nd International Conference on Smart Systems for applications in Electrical Sciences (ICSSES- 2024), Siddaganga Institute of Technology, Tumakuru	10.1109/ICSSES62373.2024.10561434	**SCOPUS**	-	**UG**
24	M. J. A. S. Kodiganti, **R. Jayaraman**, D. Narahari and V. N. H. Thopuri	Weather-Adaptive Power Factor Management: A Machine Learning Approach	2024 Second International Conference on Emerging Trends in Information Technology and Engineering (ICETITE), Vellore, India	10.1109/ic-ETITE58242.2024.10493607	**SCOPUS**	**IEEE**	**UG**
25	**T Suneel**, A S Vishnu Mahesh, B Akhil Kumar, K Blessy Babu and B Gayatri	Horn Detection System for Four-Wheeler Using Arduino	IEEE International Conference on Automation and Computation (AUTOCOM)-2024, Graphic Era Hill University, Dehradun, India	10.1109/ic-ETITE58242.2024.10493362	**SCOPUS**	**IEEE**	**UG**
26	**T Suneel**, A S Vishnu Mahesh, B Akhil Kumar,	Over-Crowd Avoiding In Transportation With Face	IEEE International Conference on Automation and Computation	10.1109/AUTOCOM60220.2024.1	**SCOPUS**	**IEEE**	**UG**

	K Blessy Babu and B Gayatri	Detection Using Raspberrypi	(AUTOCOM)-2024, Graphic Era Hill University, Dehradun, India	0486072			
27	Hari Teja Charakanam, **Indira Damarla,** Madhu Kumar Kosuri, Abhishek Arya Ramisetti, Hima Chowdary Potluri	Efficient PCB Fault Detection: A Tensor RT-Based Inference Acceleration Approach	3rd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2024)	10.1109/ICDCEC E60827.2024.105 49684	**SCOPUS**	**IEEE**	UG
28	**Bindu Vadlamudi,** Vijayasri Nishitha Bommisetty, Vandana Vutla and Tejavath Nagamani	Analysis and priority based smart power Distribution system using Automatic voltage Regulator (AVR)	4th International conference on artificial Intelligence and smart energy, March 2024. Springer	10.1007/978-3-031-61475-0_25	**SCOPUS**	Springer	**UG**
29	A Packialatha, **Bindu Vadlamudi,** Sai Thrinath and C S Sundar Ganesh	Electrical Vehicle Management and Tracking Using IOT	International conference on Innovative computing, Intelligent communication and smart electrical systems, IEEE conference 2023	10.1109/ICSES60 034.2023.104655 38	**SCOPUS**	**IEEE**	**UG**
30	**Hari Vamsi Valluru,** Deva Harshini, Gopi Muralidhar and Mounika	Advancing Solar Still efficiency-Pioneering Sustainable water Solutions	International Conference on Artificial Intelligence and Smart Energy, ICIAS2024, Information Systems Engineering and Management, Springer Cham, 2023	10.1007/978-3-031-61475-0_3	**SCOPUS**	Springer	**UG**
31	Chaitanya Goud Y, **Hari Vamsi V,** Nithya T, Sravan T and Jhansi P	Augmentation of Dynamic Stability Using Power System Stabilizer Utilizing Fuzzy Logic Techniques	2024 2nd International conference on Networking and Communications, 2024	10.1109/ICNWC 60771.2024.1053 7280	**SCOPUS**	**IEEE**	**UG**
32	Gopi Kuraku, **P. Venkatesh,** Sharif Mohammad, Rishitha Kunapureddy, and Sarth Kumar	Dynamic self charging of EVs with integrated battery management system	5th international conference on recent trends in machine learning, IOT, smart cities and applications (ICMISC), 2024	-	**SCOPUS**	-	**UG**
33	Gopi Kuraku, **P. Venkatesh,** Sharif Mohammad, Rishitha Kunapureddy and Sarth Kumar	Gair based parkinsons disease prediction , A novel deep learning approach	5th international conference on recent trends in machine learning, IOT, Smart cities and applications (ICMISC), 2024	-	**SCOPUS**	-	**UG**

| 34 | R. Panchakarla, J. S. Lekha, M. Arif, G. Kedharnath and **M. R. Ranga** | Robotic Module For Safely Retrieving Frisky One's From Open Boreholes | 2023 IEEE 7th Conference on Information and Communication Technology (CICT), Jabalpur, India, 2023 | 10.1109/CICT59 886.2023.104551 14 | **SCOPUS** | **IEEE** | **UG** |

Book Chapters (6)

SCOPUS: 5

UG: 02 (SCOPUS), 01 (Others)   PG: 02 (SCOPUS)

Sl. No.	Name of the Faculty/ Students	Name of the Paper	Name of the Book	DOI	SCOPUS	IEEE/ Springer	UG/ PG
1	Ch. Syam and **Gummadi Srinivasa Rao**	Optimal Scheduling of Multi-Objective Hydro-Thermal- Wind using NSGSA Technique	In: B.B.V.L. Deepak, et al. (eds) Intelligent manufacturing Systems in Industry 4.0. Lecture Notes in Mechanical Engineering, Springer, Singapore, 2023	10.1007/978-981-99-1665-8	**SCOPUS**	Springer	**PG**
2	**Rao G.S., Hari Vamsi V.** and **Venkateswararao B**	Transmission Pricing Using MW Mile Method in Deregulated Environment	In: Sharma, H., Shrivastava, V., Bharti, K.K., Wang, L. (eds) Communication and Intelligent Systems. Lecture Notes in Networks and Systems, vol. 689. Springer, Singapore, 2023	10.1007/978-981-99-2322-9_3	**SCOPUS**	Springer	-
3	D Yamini, **Gummadi Srinivasarao**, M Tejaswi, M Gowtham Vishal and M Vennela	Enhancement of Solar Panel Efficiency	In: B.B.V.L. Deepak, et al. (eds) Intelligent manufacturing Systems in Industry 4.0. Lecture Notes in Electrical Engineering. Springer, Singapore, 2023	10.1007/978-981-99-1665-8	**SCOPUS**	Springer	**UG**
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