S. No	Name of the Author(s)	Title of the Paper	Name of the Journal	Volume	Issue	Page Numbers	ISSN	Month and Year of Publication
1	Vamsidhar Reddy, **Palepu Suresh Babu**, Venkata Ramana K, Sravan kumar T, Vinay kumar Reddy M	Optimised Placement of Micro-PMUs and voltage Estimation in Radial Distribution Networks Considering Zero Injection Constraints	Journal of engineering and technology for industrial applications (JETIA)	12	59	384-392	2447-0228	May-26
2	**NC Alluraiah**, PH Kumar, P Vijayapriya	Hybrid Grey Wolf and Cuckoo Search Optimization for Optimal Energy Management in Microgrid Systems	Journal of engineering and technology for industrial applications (JETIA)	12	59	281-291	2447-0228	May-26
3	Pujari Harish Kumar, **N Chinna Alluraiah**, Swetha Shekarappa G, **K Harinath Reddy**, Keerthana M	Performance Enhancement of Photovoltaic Solar Panels by a Cleaning Robot Technique	Journal of engineering and technology for industrial applications (JETIA)	12	59	312-319	2447-0228	May-26
4	Kudumula Praveen Kumar Reddy, **P Balachennaiah**	Multi-Agent System-Based Real-Time Implementation of Advanced Energy Management in Hybrid Microgrids	Information	17	5	497	2078-2489	May-26
5	**M. Padma Lalitha**,V. Durga Prasada Rao,S. V. Prayagi, N. Sivarami Reddy	Minimization of makespan without tool delay in a multi machine fms using crow search algorithm	Journal of Advanced Manufacturing Systems	…	…	…	1793-6896	May-26
6	Pujari Harish Kumar, Gayathri Raju, Mohit Bajaj,**Nallolla Chinna Alluraiah**, **Pasala Gopi , S**unil Kumar Pulumithi,Reshma Gopi Remabhai, Rashmi Gangadhar and Ievgen Zaitsev	Integrated thermal and batterymanagement for electricvehicles: Experimentalvalidation and simulation-basedoptimization of lithium-ionbatteries	Energy Exploration & Exploitation	…	…	…	2100–2158	May-26

7	Thenkaraimuthu Mariprasath, Kaliappan Esakkiappan, **Shaik M Ali**, Muraly Natarajan, Basem A Zneid, Oleksandr Rubanenko	A system-level critical assessment of electric mobility integrating electric vehicle powertrains, advanced battery technologies, grid impacts, artificial intelligence, and sustainability	Energy Exploration & Exploitation				0144-5987	Mar-26
8	**O. Hemakesavulu**, Pradyumna Kumar Dhal, Shaik Hussain Vali, Sadhu Radha Krishna, P. Yamuna and Vempalle Rafi	Support vector machine based maximum power degradation detection in photovoltaic modules	ARPN Journal of Engineering and Applied Sciences	21	2	117-124	1819-6608	Mar-26
9	**K.Harinath Reddy**, Pujari Harish Kumar, **N Chinna Alluraiah**, Reshma Gopi R, Ramesh P, Swetha Shekarappa G	Solar tree-shaped renewable energy storage system with lightning protection	Next Research	9	…	101736	3050-4759	Apr-26
10	Dr. V. Phani Bhushan,T. Bhanu Prakash, T. P. Durga Charan, T. Sri Hari, **S. Venkateswarlu,** G. Mouneesh	Automated Fruit Disease Detection and Smart Irrigation System Using YOLOv8	International Journal of Scientific Research in Engineering and Management (IJSREM)	10	4	1-4	2582-3930	Apr-26
11	**Baya Reddy Lomada**, V Reddy	Modeling and Reliability Analysis of an Efficient Novel Bridge Type Multi-input DC Converter for Low Power Applications.	Journal of Active & Passive Electronic Devices	20	2	100	**1555-0281**	Apr-26
12	**M Padma Lalitha**, V Durga Prasada Rao, D Venkata Ramamurthy, N Sivarami Reddy	Makespan Minimization in a Multi-Machine FMS with Tooling Constraints Considering Job and Tool Transfer Times Using Crow Search Algorithm	Journal of Advanced Manufacturing Systems	…	…	…	1793-6896	Feb-26
13	Meisam Mahdavi, Amir Bagheri, Francisco Jurado, Augustine Awaafo, **Pasala Gopi**	A Probabilistic Temperature-Reliant Model for Optimally Sizing and Siting	IEEE Transactions on Industry Applications	32	1	498 - 515	1939-9367	Jan-26

		of Distributed Generators Coordinated With Distribution Network Switching Considering Weather Conditions						
14	**Pasala Gopi**, Tharun Korivi, Vinod Kumar Reddy, Sri Ayodhya Raju and Sathish Kumar	Synthetic data-driven analysis of electric vehicle manufacturing in India using machine learning	Journal of engineering and technology for industrial applications (JETIA)	12	57	305-314	2447-0228	Jan-26
15	T. Mariprasath, Sujata Shivashimpiger, Marco Rivera, Patrick Wheeler, M. Pala Prasad Reddy, Shaik **Muqthiar Ali**, Venkatesh Peruthambi &Jakson Bonaldo	An experimental investigation of unique high stepup boost converter for electric vehicle and solar photovoltaic	Scientific Reports	16	2402	…	2045-2322	Jan-26
16	**Baya Reddy Lomada**, Vangala Naga Bhaskar Reddy	Dynamic modelling and small-signal analysis of an efficient bridge-type multi-input DC converter for hybrid low-power systems	International Journal of Power Electronics and Drive System (IJPEDS)	16	4	2441-2452	2088-8694	Dec-25
17	Sainadh Singh Kshatri, Venkata Anjani Kumar G, Chilakapati Lenin Babu, **Palepu Suresh Babu**	An Enhanced Distribution System Performance with Optimization Techniques for Location of Electrical Vehicle Charging Stations	Journal of engineering and technology for industrial applications (JETIA)	11	54	53-59	2447-0228	Jul-25