BAPATLA ENGINEERING COLLEGE::BAPATLA
DEPARTMENT OF ELECTRONICS AND COMMINICATION ENGINEERING
PUBLICATIONS FOR THE YEAR 2023-24

S.No.	Authors	Title of the paper	Name of the Journal	Year	Volume and issue	Page No. (from – to)	Impact factor/cite score	Indexing	ISSN/ISBN
1	S.Venugopalaswamy, V.Harika Sri Durga Sujitha, G.Lakshmi Padmavathi, M.Sravya, D.Durga Jahnavi, Dr **Sumanth Kumar Panguluri**	Dual Axis Solar Tracking System with Weather Monitoring System	International Journal of Engineering Technology and Management Sciences	April 2024	8(2)	88-99	-		2581-4621
2	M. Satish Kumar, Sivasubramanyam Medasani, Penchala Reddy Sura, Tathababu Addepalli, **Jetti Chandra Sekhar Rao**, J. Prasanth Kumar, B.Y.V.N.R. Swamy, A.L. Siridhara	Design of Implantable Antennas for Biomedical Applications	Telecommunications and Radio Engineering	Apr-24	83(7)	29-43	0.268	Scopus	0040-2508
3	**Dr. P. Vinodh Babu**, I Venkata Sai Vishnu, Potharlanka Gouthami, Gurram Madhu Karishma, Vetapalem Harika, Thopuri Raviteja	Smart Cultivation Predictor for Indian Agriculture System	Journal of Nonlinear Analysis and Optimization	Apr-24	15(1)	1016-1020	-	UGC CARE indexing	1906-9685
4	**Sri.SK.Mahaboob Subhani**, Manjula Madhava, Boddu Hari babu, Dhavaleswarapu Ravindra Sai Manikanta Chary, Yarra Rohitha, Avanigadda Tulasi	IOT Based Pothole Detection System Using YOLO V4 Algorithm	Journal of Nonlinear Analysis and Optimization	Apr-24	15(1)	539-544	-	UGC CARE indexing	1906-9685
5	**Yarlagadda Sruthi**, SomuHarshitha, Vagicherla Manikanta, Devana Bala Sathwik, Jeedimalla Keerthi	Integrated Vehicle Monitoring and Control System with Remote Interaction	Journal of Nonlinear Analysis and Optimization	Apr-24	15(1)	1050-1061	-	UGC CARE indexing	1906-9685
6	**Ch. V. M. S. N Pavan Kumar**, Meena Lakshmi Triveni, Kalavagunta Likhitha, Doppalapudi Yasaswini, Nakkala Rudra Venkata Teja, Yadavalli Pushpa Raj	Lung Cancer Detection Using Deep Learning	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	824-830	-	UGC CARE indexing	1906-9685
7	**K. Naga Raju, T. Praveen Kumar, G. Mahesh, Sk. Idrish, P.P.M. Prasad**	A Survey on 5G Spectrum and Design of Microstrip Antennas for 5G Wireless Networks	Tuijin Jishu/Journal of Propulsion Technology	Mar-24	45(1)	4875-4883	-	Scopus	1001-4055
8	**P.P.M. Prasad**, P. Lakshmi Sailaja, D. Durga Prasad, Ch. Syam Sankar, P. Keerthi Reddy, P.Naresh	Leaf Disease Detection	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	380-384	-	UGC CARE indexing	1906-9685
9	**P.P.M. Prasad**, Koda Kalyan, Gutti Naga Tejaswini, Shaik RizwanaBanu, Shaik Muzamilahamad	Xilinx Based Electronic Voting Machine using FPGA	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	390-394	-	UGC CARE indexing	1906-9685
10	**Talluri Praveen Kumar**, Thota Anitha, Vakada Vamsi, Chinthala Ravi Hemanth, Shaik Riyaz, Devarakonda Phanindra	Anti Sleep Alarm and Health Monitoring Alert System	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	793-800	-	UGC CARE indexing	1906-9685
11	**K. Samba Siva Rao**, K. Naga Poojitha, Y. Praveen, K.N.S.T. Durga Devi, SD. Mohammad Abdullah, D. Jhansi Lakshmi	Wireless Electric Vehicle Charging System	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	831-838	-	UGC CARE indexing	1906-9685
12	**Smt. D. Swetha**, P. Shabina Sultana, Y. Jai Naga Sandya, M. Manasa, G. Bhargavi, K. V. S. Santosh	Smart Crop Health Monitoring System with IOT Integration	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)		-	UGC CARE indexing	1906-9685
13	**Dr.P.Vinodh babu**, A.V.V.Sushanth Kumar, T.Gurunath Reddy, B.Adhilakshmi, SK.Jameela, J.Ravikumar	False News Detection Using Machine Learning	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	845-849	-	UGC CARE indexing	1906-9685

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14	**Sri.SK.Mahaboob Subhani**, P. Sai Deepika, K.S.L.N Akanksha, M. Vinay kumar, K.Rajesh, S.Lokesh	Forest Protection System using Optimized Solar	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	839-844	-	UGC CARE indexing	1906-9685
15	**Yarlagadda Sruthi**, Gumma Velugondaiah, Alapati Venu madhav,**Dasari Rakesh, Chekka Jeevana Jyothi, Kandikonda Prazwal**	IOT and LORA Based Mining Worker Safety System	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	395-408	-	UGC CARE indexing	1906-9685
16	**P. Madhu Kumar**, J. Adithya Sai, P. Anjali, R. Dharma Teja, CH. Manikanta Shankar, N. Vamsi Krishna	Home Security System using ESP32 Cam & Telegram Application	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	887-893	-	UGC CARE indexing	1906-9685
17	Ponnada Naga Sirisha, Doppa Sai Kumar, Shaik Shahina Sulthana, Shaik Parvez Mohsin, Patnam Abhishek, **M Lenin Babu, Udatha Srinivas**	Guardian Ballot: A Secure IOT-Based Voting System for Fraud Detection	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	554-559	-	UGC CARE indexing	1906-9685
18	**Kopanaty Sambasiva Rao**, Doki Sai Manasa, Dadithota Deepthi, Nallabothula Lakshmi Tirupatamma, Kothapuli Srinivasa Reddy, Kalastri Subash Dharma	Satellite Image-Based Water Body Delineation Using Matlab	Journal of Nonlinear Analysis and Optimization	Mar-24	15(1)	548-553	-	UGC CARE indexing	1906-9685
19	Lingamallu Naga Srinivasu, **Sumanth Kumar Panguluri**, Srinivasa Rao Kandula, Ponduri Vasanthi	Real-Time Implementation of LWT Based Novel IR and VI Fusion Algorithm using Raspberry Pi Platform	Telecommunications and Radio Engineering	Feb-24	83(4)	-	0.268	Scopus	0040-2508
20	**Chandrasekhar Rao Jetti, Srinivasa Rao U**, Kamala Devi Kolavennu, Karthikesh Yangala, Sai Teja Sanaka	A Novel Slotted MIMO Antenna for 5G mm-wave Communication	Futuristic Trends in Network & Communication Technologies, IIP Series	2024	3(3)	125-134	-	Other	978-93-6252-368-6
21	**Ch. Pavan Kumar V.M.S.N**, H. D. Praveena, GRK. Prasad, S. Harichandra Prasad	Low-Profile Dual-Band Filtering Patch Antenna for LTE and ISM Band Applications	Futuristic Trends in Network & Communication Technologies, IIP Series	2024	3(2)		-	Other	978-93-6252-806-3
22	Vanga Karunakar Reddy, Sunil Babu Melingi, **Ch. V. M. S. N. Pavan Kumar,**	Optimization Driven Spike Deep Belief Neural Network classifier: a deep-learning based Multichannel	Artificial Intelligence Review	Sep-23	56	2207-2233	12	SCI	1573-7462
23	**Chandrasekhar Rao Jetti**, Tathababu Addepalli, Sreenivasa Rao Devireddy, Gayatri Konni Tanimki,	Design and Analysis of Modified U-Shaped Four Element MIMO	Micromachines	Jul-23	14(8)	1545-1563	3.4	MDPI, SCI	2072-666X