

S. No.	Name of the Authors	Title of the paper	Name of Journals/ Book/ Conference	Month/ Year	Vol. No./ Issue No./ Page No.	DOI/ISSN	Publisher	Indexing	Impact Factor	Citation
July 2022 - June 2023										
Journals – SCI (2022-23)										
1.	Dr. G.Naga Jyothi	J Avanija, K E Naresh Kumar, Ch Usha Kumari, G Naga Jyothi, K Srujan Raju & K Reddy Madhavi	Enhancing Network Forensic and Deep Learning Mechanism for Internet of Things Networks	Journal of Scientific & Industrial Research	May-23	82(5) (522-528)	http://dx.doi.org/10.56042/jisir.v82i05.1084	(CSIR-NIScP R)	SCI	0.7
2.	Dr. Nishant Sharan	Nishant Sharan, S. K. Ghorai & Ajit Kumar	Alleviating LED Nonlinearity in a HACO System Using a Blend of Precoder and a μ -Law Compandor	Wireless Personal Communications	Apr-23	131 (1149–1165)	https://doi.org/10.1007/s11277-023-10474-5	Springer	SCI	2.2
3.	Dr. Sritama Roy	Sritama Roy, N. Tripathy, D. Pradhan, P. K. Sahu & J. P. Kar	Investigation of Switching Behavior of ZnO/TiO ₂ Multi layer Configurations	Journal of Electronic Materials	Apr-23	52 (4239–4246)	https://doi.org/10.1007/s11664-023-10383-0	SpringerLink	SCI	1.8

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4.	Dr. Rakesh Nath Tiwari	Rakesh Nath Tiwari; Vikrant Kaim; Prabhakar Singh; Taimoor Khan; Binod Kumar Kanaujia	Semi-Flexible Diversified Circularly Polarized Millimeter-Wave MIMO Antenna for Wearable Biotechnologies	IEEE Transactions on Antennas and Propagation	Mar-23	71(5) (3968-3982)	https://doi.org/10.1109/TAP.2023.3255507	IEEE	SCI	4.6
5.	Dr. Devashish	Devashish Jha and Saket Saurabh	NACA2412 airfoil based method for design and aerodynamic analysis of small HAWT using modified BEM approach	Science and Technology for Energy Transition	Feb-23	78(2) (1-11)	https://doi.org/10.2516/stet/2022023	IFP Energies nouvelles	SCI	1.8
6.	Dr. Janmoni Borah	Janmoni Borah, Tasher Ali Sheikh, Joyatri Bora	Dynamic cell sleeping mechanism: An energy-efficient approach for Mobile 5G HetCN	International Journal of Communication Systems	Dec-22	36(5) e5422	https://doi.org/10.1002/dac.5422	Wiley	SCI	1.7

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7.	Dr. Nehru Kandasamy	Nehru Kandasamy, Nagarjuna Telagam & K. Chitra	Design of novel low power architectures of 4:2, 5:2 compressors and 2-bit counter using 7 nm FinFET technology	Journal of Ambient Intelligence and Humanized Computing	Dec-22	14 (2467–2479)	https://doi.org/10.1007/s12652-022-04498-1	SpringerLink	SCI	7.1
8.	Dr. Rakesh Nath Tiwari	Sharma, Preeti, Rakesh N. Tiwari, Prabhakar Singh, Pradeep Kumar, and Binod K. Kanaujia	MIMO Antennas: Design Approaches, Techniques and Applications	Sensors	Oct-22	22(20) 7813	https://doi.org/10.3390/s22207813	MDPI	SCI	3.4
9.	Dr. Abhinav Adarsh	Abhinav Adarsh, Shashwat Pathak, Digvijay Singh Chauhan & Basant Kumar	Low-latency and High-Reliability FBMC Modulation scheme using Optimized Filter design for enabling NextG Real-time Smart Healthcare Applications	The Journal of Supercomputing	Sep-22	79 (3643–3665)	https://doi.org/10.1007/s11227-022-04799-4	SpringerLink	SCI	2.5

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10.	Dr. Velumani Mohan	A. Prasanth, Selamawit Getachew, Tseganesh Shewa, M. Velumani, S. R. Meher and Z. C. Alex	A Bilayer SnO ₂ /MoS ₂ -Coated Evanescent Wave Fiber Optic Sensor for Acetone Detection—An Experimental Study	Biosensors	Sep-22	12(9) 734	https://doi.org/10.3390/bios12090734	MDPI	SCI	3.24
11.	Dr. Soumya Ranjan Mahapatro	Soumya Ranjan Mahapatro and Bidyadhar Subudhi	Disturbance rejection-based robust decentralized controller design for a multivariable system	Transactions of the Institute of Measurement and Control	Aug-22	45(4) 620-636	https://doi.org/10.1177/01423312221114348	SAGE	SCI	1.7

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Journals – SCOPUS (2022-23)										
1.	A. Keerthi, S. Manoj, G. Manjula, Kashiraj Vithal Kalashetti	Low Power High Performance 8bit Vedic Multiplier Using 16nm	International Journal of Emerging Trends in Engineering Research	May-23	11(5) (142-145)	https://doi.org/10.30534/ijeter/2023/041152023	The World Academy of Research in Science and Eng.	Scopus	NA	NA
2.	Karthik Reddy.R, Nithin.D, Narendra. P. B, Kamesh.M	Design of a Dual Band Metamaterial Absorber	International Journal of Emerging Trends in Engineering Research	May-23	11(5) (181-184)	https://doi.org/10.30534/ijeter/2023/111152023	WARSE	Scopus	NA	NA
3.	Tasher Ali Sheikh*, Yannabhathal a Rasagnya, Valipi Rajesh, Devarenti Salman Raju and Subramamiam Rajasekaran	Power Minimization in Cell- Free Massive MIMO with AP Selection Algorithm	International Journal of Sensors, Wireless Communication s and Control	Apr-23	13(1) (2-8)	http://dx.doi.org/10.2174/2210327913666230314122645	Bentham Science	Scopus	0.2	NA

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4.	Janmoni Borah, Smriti Baruah, Soumi Das & Debarun Biswas	Analysis of Massive MIMO and Small Cells based 5G Cellular Networks: Simulative Approach	Radioelectronics and Communications Systems	Mar-23	65 (284–292)	https://doi.org/10.3103/S0735272722060024	Springer	Scopus	0.61	6
5.	Nagarjuna Telagam, Nehru Kandasamy, Somanaidu U	Smart Device for Women's Safety Designed Using IoT and Virtual Instrumentation Browser	International Journal of Interactive Mobile Technologies	Jan-23	17(2)	https://doi.org/10.3991/ijim.v17i02.35227	International Fed. of Eng. Edu. Societies	Scopus	0.39	4
6.	Tasher Ali Sheikh, Settyvari Deekshitha, Neerugatti Shalini, Puliyalam Indira, Subramaniam Rajasekaran and Janmoni Borah	Capacity Maximization in Cell Free Massive MIMO Network with Access Point Selection Method	International Journal of Sensors, Wireless Communications and Control	Jan-23	12(9) (661 - 668)	http://dx.doi.org/10.2174/2210327913666221222145957	Bentham Science	Scopus	0.2	1
7.	Balu Ashvanth	A tunable frequency selective surface integrated high isolation MIMO antenna for THz applications	Engineering Research Express	Oct-22	4(4) 045001	https://doi.org/10.1088/2631-8695/ac92c6	IOP Science	Scopus	1.4	2

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Journals – Non-SCI / SCOPUS (2022-23)										
1.	Chandramuleswar Roy, Naveen, Jaswanth Achari and Naresh K. Reddy	Design of Noise Tolerance 9T SRAM Cell	ICTACT Journal on Communication Technology	Jul-22	8(2) (1345- 1349)	<u>ISSN: 2395-1680</u>	IJCRT	Non- SCI/ SCOP US	NA	NA

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Conferences – SCOPUS (2022-23)										
1.	K. Sreelekha; S. Sreekar; C. Sai Sudeep; Bikash Ranjan Behera	Metasurface Superstrate Towards The Enhancement of Antenna Performances for RF Energy Harvesting	International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Jun-23	(1-5)	https://doi.org/10.1109/ViTECoN58111.2023.10157590	IEEE	Scopus	NA	NA
2.	Mooni Rahul, Velidandla Vaishnavi, Kasthuri Vyshnavi, Chandramauleshwar Roy	Power Aware 10T Static Random-Access Memory Design	International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Jun-23	(1-5)	https://doi.org/10.1109/vitecon58111.2023.10157217	IEEE	Scopus	NA	NA
3.	Sudhanshu Maheshwari; Deepak Agrawal	Switched-Capacitor Phase Shifter Circuit with High Input Impedance and Grounded Capacitors	International Conference on Computational Intelligence, Communication Technology and Networking (CICTN)	Jun-23	(202-205)	https://doi.org/10.1109/CICTN57981.2023.10141213	IEEE	Scopus	NA	NA

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4.	Sambhudutta Nanda, Prashant Upadhyay	A compact UWB Monopole Antenna for GPS, LTE and Satellite application with Hybrid Polarization	International conference on Artificial Intelligence and Signal Processing (AISP)	Jun-23	(1-4)	https://doi.org/10.1109/AISP57993.2023.10134988	IEEE	Scopus	NA	1
5.	Raju Patel; A Rakesh Babu; K Sunanda; C Sai Charan Kumar; Abhinav Adarsh	Designing of image enhancement technique for contrast and color improvement based on haze removal of underwater images	International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Jun-23	(1-6)	https://doi.org/10.1109/ViTECoN58111.2023.10157761	IEEE	Scopus	NA	1
6.	Raju Patel; A Rakesh Babu; K Sunanda; C Sai Charan Kumar; S. K. Tripathi	Developing an image strengthening method for improving the contrast and colours of underwater photographs focused on haze removal	International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Jun-23	(1-6)	https://doi.org/10.1109/ViTECoN58111.2023.10156943	IEEE	Scopus	NA	NA

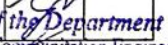
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7.	K R Dinakar; P Dileep Reddy; B Gowthami; S. K. Tripathi; Raju Patel	Design of CMOS Low Noise Amplifier Using 180NM Current Conveyer	International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Jun-23	(1-5)	https://doi.org/10.1109/ViTECoN58111.2023.10157438	IEEE	Scopus	NA	NA
8.	K. R. Achu Govind; Subhasish Mahapatra; Soumya Ranjan Mahapatro	A Comparative Analysis of Various Decoupling Techniques Using Frequency Domain Specifications	International conference on Artificial Intelligence and Signal Processing (AISP)	Jun-23	(1-6)	https://doi.org/10.1109/AISP57993.2023.10134786	IEEE	Scopus	NA	18
9.	D. Sravani; G. Sai Jayasri; G. Pravallika; Bikash Ranjan Behera; Soumya Ranjan Mahapatro	Exploration of Metalens Towards The Enhancement of Antenna Performances	International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	Jun-23	(1-6)	https://doi.org/10.1109/ICDCECE57866.2023.10150754	IEEE	Scopus	NA	NA

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10.	Gutti Naga Swetha; K. Bharath; B. Ganesh; P. Narasimhulu	Avoiding Dynamic Time Error by Implementing Prediction Logic	International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	Jun-23	(1-6)	https://doi.org/10.1109/ViTECoN58111.2023.10157358	IEEE	Scopus	NA	NA
11.	G. Prasanth Reddy; G. Manoj; V. Purna Chandra Rao; Bikash Ranjan Behera	A Design Methodology for Optimization of Printed Antenna Based on AI-Driven SADEA Technique	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-4)	https://doi.org/10.1109/RAEEUCC157140.2023.10134119	IEEE	Scopus	NA	1
12.	Debashish Pal; V. Sravani; D.S Sneha; M. Rajesh	Design of an Efficient Routing Technique based on Clustering	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-5)	https://doi.org/10.1109/RAEEUCC157140.2023.10133940	IEEE	Scopus	NA	3

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13.	N. Aparna; L. Bhavana; S. Arun Kumar Naidu; Bikash Ranjan Behera; Debashish Pal	Analysis of CP Characteristics By Gain-Bandwidth Product for Metasurface-Based Monopole Antenna	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-5)	https://doi.org/10.1109/RAEEUCC157140.2023.10134124	IEEE	Scopus	NA	NA
14.	Y. Jhansi; P. Poojitha; D. Mahigeethika; Bikash Ranjan Behera; Debashish Pal	Investigation of a FSS Inspired Printed Monopole Antenna with Gain Enhancement for 5G Applications	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-4)	https://doi.org/10.1109/RAEEUCC157140.2023.10134360	IEEE	Scopus	NA	1
15.	D. S. Sneha; M. Rajesh; V. Sravani; Bikash Ranjan Behera; Debashish Pal	Non-Uniform Metasurface-Based Microstrip Patch Antenna With Bandwidth and Gain Enhancement for Wireless Applications	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-4)	https://doi.org/10.1109/RAEEUCC157140.2023.10134291	IEEE	Scopus	NA	2

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16.	Dhruba Jyoti Bora	A study of the characteristics of Skin Impedance Models based on the simulation of models	International Conference for Convergence in Technology (I2CT)	May-23	(1-5)	https://doi.org/10.1109/I2CT57861.2023.10126190	IEEE	Scopus	NA	1
17.	Shaik Uzma; Kutakula Tanusha; Attuluri Tarun; S. Rajasekaran; Soumya Ranjan Mahapatro	Multi-loop Control Design for Two Input Two Output System: A Disturbance Observer Approach	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-4)	https://doi.org/10.1109/RAEEUCCI57140.2023.10134280	IEEE	Scopus	NA	NA
18.	A. Prasanth; M. Velumani; S. Narasimman; Z.C. Alex	Lossy Mode Resonance based Optical Fiber Sensor using Polyvinylpyrrolidone/Chitosan composite for identification of Cadmium ions in water	Applied Sensing Conference (APSCON)	Apr-23	(1-3)	https://doi.org/10.1109/APSCON56343.2023.10101207	IEEE	Scopus	NA	NA
19.	Deepak Agrawal; Sudhanshu Maheshwari	High Performance Current-Mode Four Quadrant Analog Multiplier Circuit	International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT)	Feb-23	(1-4)	https://doi.org/10.1109/IMPACT55510.2022.10029193	IEEE	Scopus	NA	NA
20.	S. Ayesha Tanveer; Namala Meghana Sai Sree; Bheemisetty Bhavana; Devana Hima Varsha	Smart Agriculture System using IOT	World Conference on Applied Intelligence and Computing (AIC)	Aug-22	(482-486)	https://doi.org/10.1109/AIC55036.2022.9848948	IEEE	Scopus	NA	5

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16.	Dhruba Jyoti Bora	A study of the characteristics of Skin Impedance Models based on the simulation of models	International Conference for Convergence in Technology (I2CT)	May-23	(1-5)	https://doi.org/10.1109/I2CT57861.2023.10126190	IEEE	Scopus	NA	1
17.	Shaik Uzma; Kutakula Tanusha; Attuluri Tarun; S. Rajasekaran; Soumya Ranjan Mahapatro	Multi-loop Control Design for Two Input Two Output System: A Disturbance Observer Approach	International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence (RAEEUCCI)	May-23	(1-4)	https://doi.org/10.1109/RAEEUCCI57140.2023.10134280	IEEE	Scopus	NA	NA
18.	A. Prasanth; M. Velumani; S. Narasimman; Z.C. Alex	Lossy Mode Resonance based Optical Fiber Sensor using Polyvinylpyrrolidone/Chitosan composite for identification of Cadmium ions in water	Applied Sensing Conference (APSCON)	Apr-23	(1-3)	https://doi.org/10.1109/APSCON56343.2023.10101207	IEEE	Scopus	NA	NA
19.	Deepak Agrawal; Sudhanshu Maheshwari	High Performance Current-Mode Four Quadrant Analog Multiplier Circuit	International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT)	Feb-23	(1-4)	https://doi.org/10.1109/IMPACT55510.2022.10029193	IEEE	Scopus	NA	NA
20.	S. Ayesha Tanveer; Namala Meghana Sai Sree; Bheemisetty Bhavana; Devana Hima Varsha	Smart Agriculture System using IOT	World Conference on Applied Intelligence and Computing (AIC)	Aug-22	(482-486)	https://doi.org/10.1109/AICS5036.2022.9848948	IEEE	Scopus	NA	5


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