

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
LIST OF CONFERENCE PUBLICATIONS
ACADEMIC YEAR: 2024-25

Sl No	Paper Title	Conference details	Authors (et. al)	Date of the conference	DOI	Indexing	Link to the paper
1	Design of High-Speed Hybrid Vedic Multiplier for DSP Application	International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC 2024), SKIT	Smitha Sharath Shankar, Rohith S , Nadiminti Rakesh Rohan, Kannali P C Eswar, Bharghav V R	21st Sep 2024	Accepted, Presented and Received Best Paper Award]	IEEE Scopus	In Production
2	Analysis and Investigation of a Novel Compact Metasurface Absorber with Wide Angle Stability for Triple Band Attributes	3rd IEEE International Conference on Modelling, Simulation, and Intelligent Computing (MoSICom 2024), Dubai, UAE	S. Navaneeth, Prajwal G.R, Saifulla H, Puneeth P, A. K Dwivedi, Vivek Singh	09 th Dec 2024	https://doi.org/10.1109/MoSICom63082.2024.10881801	IEEE Scopus	https://ieeexplore.ieee.org/document/10881801
3	Design and Implementation of ZrO2 based ceramic MIMO antenna for smart cities in n257 and n261 Bands	3rd IEEE International Conference on Modelling, Simulation, and Intelligent Computing (MoSICom 2024), Dubai, UAE	Chaithra K A, Yashas P T, Rohini N, Meghana H R, V. Singh, A.K Dwivedi	09 th Dec 2024	https://doi.org/10.1109/MoSICom63082.2024.10881188	IEEE Scopus	https://ieeexplore.ieee.org/document/10881188
4	Development of Footstep Based Power Generation Using Piezo Electric Sensor with Arduino Microcontroller	AIP CONFERENCE- Ubiquitous technology in Artificial Intelligence and Communication	Mahesh M R, Rohith S, Sunitha M , Deepthi Prakash, Sreenivasulu K N	20 th Oct 2024	https://doi.org/10.1063/5.0229700	AIP Scopus CPCI	https://pubs.aip.org/aip/acp/article-abstract/3131/1/030019/3312862/Development-of-footstep-based-power-generation?redirectedFrom=fulltext
5	Development of IoT based smart helmet using Arduino microcontroller	AIP CONFERENCE- Ubiquitous technology in Artificial Intelligence and Communication	Sreenivasulu K N, Rashmi G P, Sunil T, Rohith S, Yashas P T	20 th Oct 2024	https://doi.org/10.1063/5.0229717	AIP Scopus CPCI	https://pubs.aip.org/aip/acp/article-abstract/3131/1/030016/3312859/Development-of-IoT-based-smart-helmet

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6	Diagnostics of Diabetes using Novel Printed Antenna	AIP CONFERENCE- Ubiquitous technology in Artificial Intelligence and Communication	Jyothi S K, Dr. Nagesh K N, Mr. Sreenivasulu K N	20 th Oct 2024	https://doi.org/10.1063/5.0229706	AIP, Scopus, CPCI	https://pubs.aip.org/aip/acp/article-abstract/3131/1/030018/312861/Diagnostics-of-diabetes-using-a-novel-printed?redirectedFrom=fulltext
7	Exploring the uncharted horizons: A comprehensive survey of THz band communication	AIP CONFERENCE- Ubiquitous technology in Artificial Intelligence and Communication	Ravi Kumar M G, Shruthi B M and Mrinal Sarvagya	20 th Oct 2024	https://doi.org/10.1063/5.0229721	AIP, Scopus, CPCI	https://pubs.aip.org/aip/acp/article-abstract/3131/1/030001/312845/Exploring-the-uncharted-horizons-A-comprehensive?redirectedFrom=PDF
8	Exploring the uncharted horizons: A comprehensive survey of THz band communication	AIP CONFERENCE- Ubiquitous technology in Artificial Intelligence and Communication	Ravi Kumar M G, Sunil T, Vinay N A, Raghu J	20 th Oct 2024	https://doi.org/10.1063/5.0230144	AIP, Scopus, CPCI	https://pubs.aip.org/aip/acp/article-abstract/3131/1/030008/312851/Use-of-rain-humidity-sensors-for-rider-safety?redirectedFrom=fulltext
9	Innovative Graphene-Enhanced Terahertz Antennas for Next-Generation Communication Systems	2nd IEEE International Conference on Microwave, Antenna, and Communication (MAC-2024), NIT Uttarakhand, India	S. Srinivas, A.K Dwivedi, Vivek Singh	4th-6th, Oct 2024	https://doi.org/10.1109/MAC61551.2024.10837453	IEEE Scopus	https://ieeexplore.ieee.org/document/10837453
10	Implementation and Extension of Bit Manipulation Instruction on RISC-V Architecture using FPGA	2024 5th International Conference on Circuits, Control, Communication and Computing (I4C)	Ravi Kumar M G, Rashmi Priyadarshini B K, Sumanasa B N, Rajendra Prasad P, Mrinal Sarvagya	4th-5th, October 2024	10.1109/I4C62240.2024.10748510	IEEE Scopus	https://ieeexplore.ieee.org/document/10748510

11	Design and Development of Readout Electronics for Thermopile Array Detector Using FPGA	2024 5th International Conference on Circuits, Control, Communication and Computing (I4C)	Ravi Kumar M G , Rashmi Priyadarshini B K, Sumanasa B N, Rajendra Prasad P, Mrinal Sarvagya	4th-5th, October 2024	10.1109/I4C62240.2024.10748527	IEEE Scopus	https://ieeexplore.ieee.org/document/10748527
12	“Implementation of a 16-bit multiplier leveraging the Kogge-Stone adder with memristor IMPLY logic”	International Conference on Distributed Systems, Computer Networks and Cybersecurity (ICDSCNC 2024), SKIT,	Suraj Malagar, Dinesha P , Rohith S	21 st September 2024	[Accepted, Presented]	IEEE Scopus	In Prodcution
13	Automatic Door Opening System Using RFID	IEEE International Conference on Intelligent Control, Computing and Communications	Ms. Sinchana H V, Ms. Priyanka C M, Mr. Shashidhar Ramaraddi Inamati, Mr. Narendra R N, A.K Dwivedi, Vivek Singh	13th-14th February 2025	Accepted & Presented	IEEE Scopus	In Prodcution
14	Design and Implementation of a GPS and Camera Equipped Drone for Aerial Monitoring	3rd IEEE International Conference on Knowledge Engineering and Communication Systems (ICKECS-2025)	Bhavyashree M, Harsh Sk, Vishwajeet MN, Akshay T, Jyothi S K	23th - 24th, April 2025	Accepted	IEEE Scopus	In Prodcution
15	Disease Diagnosis and Sustainable Prevention in Arecanut Farming	3rd IEEE International Conference on Electronics and Renewable Systems ICEARS 2025	Sneha C, Poojitha D R, Vanitha G, Srija B S, Vivek Singh, A.K Dwivedi	11th - 13th Feb 2025	Accepted & Presented	IEEE Scopus	In Prodcution
16	Secure IoT-Based Medicine Management System for Educational Institutes	7th International Conference on Communication and Computational Technologies (ICCCT 2025)	Deeksha K.N, Aditya R M, Sneha R, Lohith J J, A.K Dwivedi	14th -15 th February 2025	Accepted & Presented	LNNS Scopus	In Prodcution
17	Design of Compact MIMO Antennas for Ultra Wideband Applications	8th International Conference on Innovative Computing	Ravi Kumar M G , Mrinal Sarvagya, Rashmi G P, Sunil Thimmaiah, Prasad S N	15 th February 2025	Accepted	LNNS Scopus	In Prodcution

		and Communication (ICICC 2025)					
18	Use of Magnetometer and Machine Learning Algorithms for Real Time Vehicle Classification	8th International Conference on Innovative Computing and Communication (ICICC 2025)	Ravi Kumar M G, Mrinal Sarvagya, Sunil Thimmaiah, Prasad S N	15 th February 2025	Accepted	LNNS Scopus	In Prodcution
19	A Comprehensive Review: Unmanned Aerial Vehicles in Surveillance Systems	Conference on Flexible Electronics for Electric Vehicles (FlexEV-2024)	Aishwarya N, Bharani H D, Dhanushree Y, I Sameera Muskan, A.K Dwivedi, Vivek Singh	19 th – 20 th December 2024	Accepted & Presented	LNEE Scopus	In Prodcution
20	Literature Survey on Designing and Application of Unmanned Aerial Vehicles for Surveillance Systems	International Conference on Innovations in Data Science 2024 (ICIDS - 2024), Manipal University Jaipur, India	Aishwarya N, Bharani H D, Dhanushree Y, I Sameera Muskan, A.K Dwivedi, Vivek Singh	28 th - 29 th November 2024	Accepted & Presented	LNNS Scopus	In Prodcution
21	Reflection compensation and binary thresholding using the Homomorphic Filtering approach for composite manufacturing	International Conference on Recent Advances in Science, Engineering, and Technology (ICRASET 2024)	Ravi Kumar M G, Mrinal Sarvagya, Sunil Thimmaiah, Vinay N A	21 st -22 nd Nov, 2024	Accepted & Presented	IEEE Scopus	In Prodcution
22	Intravenous Saline Monitoring System Powered by IoT for Patient Safety	International Conference on Recent Advances in Science, Engineering, and Technology (ICRASET 2024)	Sreenivasulu K N, Vijay Kumar Gowda B N , Navyashree HR, Yashas P T, P. Bhanupriya	21 st -22 nd Nov, 2024	Accepted & Presented	IEEE Scopus	In Prodcution
23	Remote Monitoring of Live EEG of Epileptic Patients on New	2024 2nd Global Conference on Information Technologies and	Yadu Prasad C H. Venkatesh Kumar, Nanda Kishore CV	25 th -26 th Oct 2024	Accepted & Presented	IEEE Scopus	In Prodcution

	Radio (5G) Networks.	Communications (GCITC					
24	“Power Efficient and Timing Closure for Different Encoders for 3 bit Flash ADC using TIQ Comparator”	IEEE International Conference on Software, Systems and Information Technology (SSITCON-2024), Sri Siddhartha Institute of Technology, Tumkur, Karnataka, India	Souhardya Dey, Ramya H R, Rohith S	18 th -19 th October 2024	Presented & Accepted	IEEE Scopus	In Prodcution

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Sl No	Paper Title	Conference details	Authors (et. al)	Date of the conference	DOI	Indexing	Link to the paper
1	Development of Pest Detection and Pesticide Recommendation System in Leaf Images	IEEE 2024 Second International Conference on Advances in Information Technology (ICAIT), Adichunchanagiri Institute of Technology, Chikkamagaluru	K Arunodai, Rohith S , Medaboyina Bharath, Bhanu Prakash Reddy, Anil Kumar, Mahesh M R	27 th -28 th July, 2024	10.1109/ICAIT61638.2024.10690650	IEEE Scopus	https://ieeexplore.iee.org/document/10690650/
2	Gesture Recognition Using Sign Language For Real Time Application	Springer 5th International Conference on Data, Engineering and Applications 2024 (IDEA-2k24), Bhopal	Swathi S, Shanmugam Priya R, Rohith S , Sunil Kumar B S, Supreeth S	28 th -29 th June, 2024	Presented	LNEE Scopus	
3	Analysis of Diabetic Retinopathy in Retinal Fundus Images	Proceedings of 2nd IEEE International Conference on Knowledge Engineering and Communication Systems (ICKECS), SJC Institute of Technology, Chikkaballapur,	Mahesh M R, Rohith	18 th -19 th April-2024	https://doi.org/10.1109/ICKECS61492.2024.10616880	IEEE Scopus	https://ieeexplore.iee.org/document/10616880
4	Analysis and Design of Low-Profile Z-Shaped Patch Antenna For n77/n78/n79 5G Bands	2024 IEEE International Conference on Contemporary Computing and Communications (InC4), Bengaluru, India	Manjunath M N, Vivek Singh, A.K Dwivedi	15 th March 2024	https://doi.org/10.1109/InC460750.2024.10649239	IEEE Scopus	https://ieeexplore.iee.org/document/10649239
5	Defected Ground Plane Circularly	IEEE International conference on Interdisciplinary	Keerthana M, Sumaya Afrin, Manjunath M N,	14 th -16 th March 2024	https://doi.org/10.1109/ATMSI60426.2024.10502728	IEEE Scopus	https://ieeexplore.iee.org/document/10502728

	Polarized Wideband Antenna for Sub-6 GHz n77/n78 Application	Approaches in Technology and Management for Social Innovation, (IATMSI - 2024), IITM Gwalior, India	Ajay Kumar Dwivedi				
6	Design and Analysis of Four Port MIMO Antenna for n77 and MTI Wireless Edge 5G Applications.	2nd International Conference on Industrial Electronics Mechatronics, Electrical & Mechanical Power, American Institute of Physics (AIP) conference proceedings, 2021	Mallanna S D, Sreenivasa T V, Nagesh K.N, Ajay Kumar Dwivedi	Feb 2024	https://doi.org/10.1063/5.0192776	AIP, Scopus, CPCI	https://pubs.aip.org/aip/acp/article-abstract/2915/1/020012/3289124/Design-and-analysis-of-four-port-MIMO-antenna-for?redirectedFrom=PDF
7	Image Encryption and Decryption Using Symmetric Key Sequence of Elliptic Curve (EC) Over Prime Field	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	Rohith S, S Bhargavi, Basavaraj G M, Sreenivasulu K N, Pundalik Chavan; Supreeth S	20-21 October 2023	https://doi.org/10.1109/EASCT59475.2023.10392967	IEEE Scopus	https://ieeexplore.ieee.org/document/10392967
8	Design and Validation of 2 Port CP MIMO Monopole Antenna for n79 5G Domain	IEEE 2023 Workshop on Microwave Theory and Technology in Wireless Communications (MTTW)	Manjunath M N, Vivek Singh, Ajay Kumar Dwivedi	04-06 October 2023	https://doi.org/10.1109/MTTW59774.2023.10320036	IEEE Scopus	https://ieeexplore.ieee.org/document/10320036
9	Design of dual port single Al2O3 ceramic based MIMO antenna for WLAN application	INTERNATIONAL CONFERENCE ON MINERALS, MATERIALS AND MANUFACTURING METHODS (ICMMMM)	Harish V, Kallollu Narayaswamy Nagesh	7 th August 2023	https://doi.org/10.1063/5.0159159	AIP, Scopus, CPCI	https://pubs.aip.org/aip/acp/article-abstract/2861/1/03002/2905762/Design-of-dual-port-single-Al2O3-ceramic-based?redirectedFrom=PDF

10	A Low-Power Intra-Cluster Routing Protocol Optimized for Object Recognition and Tracing Framework within WSNs	2024 IEEE International Conference on Contemporary Computing and Communications (InC4), Bengaluru , India	Shashikiran R, Kallollu Narayaswamy Nagesh, Ravikiran R	15 th March, 2024	https://doi.org/10.1109/InC460750.2024.10649334	IEEE Scopus	https://ieeexplore.ieee.org/document/10649334
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ACADEMIC YEAR: 2022-23

Sl No	Paper Title	Conference details	Authors (et. al)	Date of the conference	DOI	Indexing	Link to the paper
1	Treatment of Hepatocellular carcinoma using 5-Slot Microwave Ablation Antenna at 2.45 GHz”, International Conference on Intelligent Systems and Smart Infrastructure	International Conference on Intelligent Systems and Smart Infrastructure” (ICISSI 2023)	P. Niranjana, V. Singh, A.K Dwivedi	07-08 July 2023	https://doi.org/10.1201/9781003357346	Taylor & Francis, Scopus	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003357346-79/treatment-hepatocellular-carcinoma-using-5-slot-microwave-ablation-antenna-2-45-ghz-niranjana-naveen-kumar-reddy-vijay-kumar-reddy-janardhana-reddy-vivek-singh-ajay-kumar-dwivedi
2	Effective Method for Vehicle-Automatic Emergency Braking System and Blind Spot Detection Using Radar and IoT	International Conference on Smart Systems for applications in Electrical Sciences (ICSSES 2023), Tumakuru, India	Bindu S P, Harshitha V M, Keerthi L Reddy, Lavanya M, H. Venkatesh Kumar	07-08 July 2023	10.1109/ICSSES58299.2023.10200594	IEEE, Scopus	https://ieeexplore.ieee.org/document/10200594?denied=
3	Smart Wearable Memory Band System for	2023 - International Conference on Smart Systems for applications	Rashmi G P, Sreenivasulu K N, Prathima N, G V Jayakrishna	07-08 July 2023	https://doi.org/10.1109/ICSSES58299.2023.10200826	IEEE, Scopus	Smart Wearable Memory Band System For Alzheimer's Patients

	Alzheimer's Patients	in Electrical Sciences (ICSSES 2023)					IEEE Conference Publication
4	Dual band dual circularly polarized (CP) patch antenna for Sub-6GHz and Wi-Fi applications	IEEE conference ICSSES-2023 held at SIT, Tumakur, India	Manjunath M N , Nandini H S, Preeti Reddy, Priyadarshini, Sanya K	07- 08 July 2023	https://doi.org/10.1109/ICSSES58299.2023.10200778	IEEE, Scopus	https://ieeexplore.ieee.org/document/10200778
5	Design and Development of Walking Monitoring System for Gait Analysis	Springer 16th Multi-Disciplinary International Conference on Artificial Intelligence, CVR College of Engineering, Hyderabad, India.	Rohith S, Basavaraj G M , Swathi S	21 - 22, June 2023	https://doi.org/10.1007/978-3-031-36402-0_44/	Springer, Scopus	https://link.springer.com/chapter/10.1007/978-3-031-36402-0_44/
6	Smart vehicle parking system on Fog Computing for effective Resource Management	IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC-2023)	Rohith S et. al	16th -17th June 2023	https://doi.org/10.1109/ICAISC58445.2023.10201108	IEEE, Scopus	https://ieeexplore.ieee.org/abstract/document/10201108/
7	2-Port Planar MIMO Antenna with Polarization Diversity for Sub-6 GHz Fifth Generation Applications	17th International Conference on Engineering of Modern Electric Systems (EMES), Oradea, Romania, 2023	Abhilash PG; Akhilesh S Patil; Arun Kumar S; Kubendra L Reddy; Ajay Kumar Dwivedi ; Vivek Singh	09-10 June 2023	10.1109/EMES58375.2023.10171648	Scopus, CPCI	https://ieeexplore.ieee.org/document/10171648/

8	Dielectric Resonator Loaded Two Port Circularly Polarized MIMO Antenna for Sub 6 GHz Band Coverage	2023 IEEE Open Conference of Electrical, Electronic and Information Sciences (eStream), Vilnius, Lithuania	Sumanth M, V. Ghali, Vikram K, Shivaraj B, V. Singh, A.K Dwivedi	27-27 April 2023	10.1109/eStream59056.2023.10134770	Scopus, CPCI	https://ieeexplore.ieee.org/document/10134770/
9	Design of Quaternary Inverter Using 32nm SOI Technology	2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS)	D. Sagar, S. C. Sannamani, C. P. A, K. S. V. Patel and Manjunath M. N	19-21 April 2023	10.1109/ICAECIS58353.2023.10170031	IEEE, Scopus	https://ieeexplore.ieee.org/abstract/document/10170031/
10	MIMO Antenna with Low Mutual Coupling and High Gain for n257-Band 5G mm-Wave	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, Romania	S. Kumar, N. Tiwari, M. Asif, A.K Dwivedi, V. Singh	23-25 March 2023	https://doi.org/10.1109/ATEE58038.2023.10108208	Scopus, CPCI	https://ieeexplore.ieee.org/document/10108208/
11	Providing End-to-End QoS over Mobile and Adhoc Networks using Dynamic Source Routing (DSR) Protocol	2023 International Conference for Advancement in Technology (ICONAT),Goa, India	Nanda Kishore C V, Venkatesh Kumar H	24th-26th January 2023	https://doi.org/10.1109/ICONAT57137.2023.10080251	IEEE, Scopus	https://ieeexplore.ieee.org/document/10080251/

12	Hot and Warm Region Segmentation of Breast Thermogram for Fractal Analysis based Cancer Detection	2022 IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI), Gwalior, India	Navya. V, Mownika T, Nayana B.M, Sushmitha R, V. Singh, A.K Dwivedi	21-23 December 2022	10.1109/IATMSI56455.2022.10119451	IEEE, Scopus	https://ieeexplore.ieee.org/document/10119451/
13	Reversible Data Embedding Scheme In Encrypted Images Using Arnold Transform for Satellite Images	IEEE Conference (IEEE-NKCon-2022)	Dr Rohith S, Mahesh M R, Basavaraj G M	20th-21st November 2022	https://doi.org/10.1109/NKCon56289.2022.10126927	IEEE, Scopus	https://ieeexplore.ieee.org/abstract/document/10126927/
14	Development of Communication Device For Deaf And Blind Persons Using Text to Braille Using Renesas Microcontroller	IEEE International Conference (IIHC-2022) held at Sri Venkateswara College of Engineering and Technology, Bangalore.	Vijay Yellapu, Rohith S , Hemalatha B, Shubham Sharma, Mukul Dev,	18th -19th November 2022	10.1109/IIHC55949.2022.10060434	IEEE, Scopus	https://ieeexplore.ieee.org/abstract/document/10060434/
15	Development of Overflow Prediction And Wall Supervision System for	IEEE International Conference (IIHC-2022) held at Sri Venkateswara College of Engineering and Technology, Bangalore	Rohith S	18th -19th November 2022	10.1109/IIHC55949.2022.10060205	IEEE, Scopus	https://ieeexplore.ieee.org/abstract/document/10060205/

	Flood Forecasting						
16	A Two-element MIMO Antenna with a Small Footprint for 5G Connectivity	2022 Workshop on Microwave Theory and Techniques in Wireless Communications (MTTW), Riga, Latvia	K. N Patil, Akshay S, Chaitanya T N, A.K Dwivedi, Nagesh K.N, V. Singh	05-07 October 2022	10.1109/MTTW56973.2022.9942621	Scopus, CPCI	https://ieeexplore.ieee.org/document/9942621/
17	Dual Band, Dual Port Dielectric Resonator Based MIMO Antenna with Bi-directional Pattern Diversity using PRS.	VLSI, Communication and Signal Processing, Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	K. Srivastava, A.K Dwivedi, Nagesh K.N, A. Sharma,	05 Oct 2022	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_10	Springer, Scopus	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_10
18	Modeling and Investigation of Novel Two-Port UWB-MIMO Antenna with Enhanced Isolation	VLSI, Communication and Signal Processing, Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	Aditya Kumar Singh, Ajay Kumar Dwivedi, Nagesh Kallollu Narayanaswamy, Vivek Singh, and R. S. Yadav	05 Oct 2022	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_46	Springer, Scopus	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_46

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ACADEMIC YEAR: 2021-22

Sl No	Paper Title	Conference details	Authors (et. al)	Date of the conference	DOI	Indexing	Link to the paper
1	Comparative Approach for VM Scheduling using Modified Particle Swarm Optimization and Genetic Algorithm in Cloud Computing	IEEE International Conference on Data Science and Information System, Malnad College of Engineering , Hasan, India,	Rohith S	29th -30 th July 2022	https://doi.org/10.1109/ICDSIS55133.2022.9915907	IEEE, Scopus	https://ieeexplore.ieee.org/abstract/document/9915907
2	Implementation of human body health parameters monitoring concepts- Heart rate, body temperature and blood pressure using IoT	2022 Fifth International Conference on Computational Intelligence and Communication Technologies (CCICT),Sonepat, India	Swarnali Das; R Ramya Holla; G S Priyanka; S Nayana; H.Venkatesh Kumar	08-09 July 2022	https://doi.org/10.1109/CCICT56684.2022.00087	IEEE, Scopus	https://ieeexplore.ieee.org/document/9913595
3	Compact two-port MIMO antenna supporting the Sub-6 GHz 5G spectrum band of n77-n78	2022 International Conference on Computer Communication and Informatics (ICCCI)	Krishna Kanth Varma P; Nagesh K. N	25-27 January 2022	https://doi.org/10.1109/ICCCI54379.2022.9740767	IEEE, Scopus	https://ieeexplore.ieee.org/document/9740767
4	A Miniaturized Planar Antenna with Optimized Slots and	IEEE 8th International Conference Engineering & Telecommunication	A.K Singh, A.K. Dwivedi, V. Singh , R.S Yadav,	24-25 November 2021	https://doi.org/10.1109/EnT50460.2021.9681723	Scopus, CPCI	https://ieeexplore.ieee.org/document/9681723

	DGS for UWB Applications.	— En&T-2021, Moscow					
5	Impairment Impact on the Wireless Communication System.	IEEE Sponsored 2nd Global Conference on Advancement in Technology, India	Souparnika Jadhav, Nagesh K.N	01-03 October 2021	https://doi.org/10.1109/GCAT52182.2021.9587620	IEEE, Scopus	https://ieeexplore.ieee.org/document/9587620
6	Dual Band, Dual Port Dielectric Resonator Based MIMO Antenna with Bi-directional Pattern Diversity using PRS.	VLSI, Communication and Signal Processing, Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	K. Srivastava, A.K Dwivedi, Nagesh K.N, A. Sharma,	05 Oct 2022	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_10	Springer, Scopus	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_10
7	Modeling and Investigation of Novel Two-Port UWB-MIMO Antenna with Enhanced Isolation	VLSI, Communication and Signal Processing, Lecture Notes in Electrical Engineering (LNEE), Springer, 2021	Aditya Kumar Singh, Ajay Kumar Dwivedi, Nagesh Kallollu Narayanaswamy, Vivek Singh, and R. S. Yadav	05 Oct 2022	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_46	Springer, Scopus	https://link.springer.com/chapter/10.1007/978-981-19-2631-0_46