

**Department of Electronics and Communication Engineering****Papers Published in National/International Conferences
(2022-23)**

S.No	Name of the Staff Member	Title of the Paper	Conference
1.	Dr. M.Satish Kumar Dr. M.Koteswara Rao	ESP32 based Irrigation system	International Conference -ICOICI 2022,JCT college of Engineering and Technology, Coimbatore 11th to 12th August 2022
2.	Dr.M.Satish Kumar Dr. M.Koteswara Rao	IoT based unlocking of home automation system with face and speech detection using ESP32 and Google assistant.	IEEE 2022 International Conference on Emerging Trends in Engineering and Medical Sciences, Yeshwantrao Chavan College of Engineering Hingna Road, Wanadongri, Nagpur, 18-19 nov 2022
3.	Dr.PurnimaK.Sharma	Design of CPW Feed Complementary Split Ring Resonators Loaded Microstrip Antenna for Brain Tumor Detection	13th International Conference on Advances in Computing, Control, and Telecommunication Technologies, Jun 27-28,2022, ISBN: 978-171385793-8
4.	Dr. SVV Satya Narayana B Murali Krishna PVV Satya Narayana M Venkata Suman	RFID Mutual Authentication Protocol for Security Concerns and Implementation on FPGA	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :177-180
5.	Dr. M.Thamarai	An Improved Power Efficient Clock Pulsed D FlipFlop Using Transmission Gate	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :181-186
6.	Dr. T.DNSSS Sarveswara Rao K.N.H. Srinivas	Deep learning-based prediction and monitoring of air quality using IoT	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :187-192
7.	K.N.H. Srinivas Dr. T.DNSS.Sarveswara Rao	Home Automation using COAP Protocol	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :193-199
8.	Dr.M.Thamarai Kamesh Sonti P.SudheerChakravarthi	Underwater Image Enhancement using MIRNet	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :200-204

9.	Y.Y.S.Manogna V.Radha M. Koteswara Rao M. VenkataSuman	Z-based Home Automation system using IoT	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :205-213
10.	Dr.E. KusumaKumari HariniVemu Dr.Purnima K Sharma	Design of Annular ring based 3D Hexagonal MIMO Antenna with improved Isolation Techniques	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :214-220
11.	Thamarai M	Underwater Image Enhancement using CNN and Image Formation Model	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :221-224
12.	M Subbarao Dr. T V N L Aswini Dr.Purnima K Sharma Dr.E KusumaKumari	FBMC Signal Detection Using Autocorrelation	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :225-230
13.	Dr.M.Thamarai	Survey on FPGA-Based Deep Learning Network Accelerators for Learning and Classification	Proceedings of NCDECT2023 organized by Sri Vasavi Engineering college dated on Feb 24-25 ,2023. .ISBN:978-93-5768-432-3 Page No.s :250-256
14.	K.Pasipalana Rao	Performance Evaluation of MIMO system with different Receiver Structures	International Conference on Advanced Computing and Communication Systems-ICACCS-2023, 17 th and 18 th Mar 2023, Sri Eswar College of Engineering, Coimbatore
15.	M.Neelima	Capacity Evaluation of MIMO system with and without Successive Interference Cancellation	7 th International Conference on Computing Methodologies and Communications-ICCMC-2023,Surya Engineering College,Erode



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Papers Published in National/International Conferences (2023-24)

S.No	Name of the Staff Member	Title of the Paper	Conference
1.	Dr.E. Kusuma Kumari	A Multiband Rhombus Shaped Patch Antenna with Rhombus Slots for C, X, and Ku-Band Applications	IEEE Wireless Antenna and Microwave Symposium (WAMS), 2023, pp. 1-5, DOI 10.1109/WAMS57261.2023.10242895.
2.	Dr. Purnima K Sharma	Rectangular Patch Antenna with Truncated cuts and slot for satellite communication Applications	IEEE wireless Antenna and Microwave Symposium 2023, 7 th to 10 th June 2023, Ahmedabad DOI 10.1109/WAMS57261.2023.10242819.

Signature of the Coordinator

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