

ECE : PUBLICATION DETAILS

National Journals: 07

S.No	Name of the Faculty	Title of the Paper	Publication Details
1	V. Satya Sudha	Novel Conformal Array Antenna For Airborne Applications	Telecommunications and Radio Engineering 83(8):31–46 (2024) by Begell House, Inc. www.begellhouse.com
2	V. Satya Sudha	Low Density Based Fast TRN Generator Using Clock Gating and Adaptive RO	Organizational Development Journal ISSN-0889-6402 VOL 29. ISSUE 06
3	R.Bheema Sankaram	GDI based power optimised synchronous True Random Number Generator.	Industrial Engineering Journal ISSN: 0970-2555 Volume : 53, Issue 10, October : 2024
4	R.Bheema Sankaram	Fully-Dynamic Noise Aware Three-Stage Low Power Comparator Using ERC	Organizational Development Journal ISSN: 0889-6402 Vol. 29. Issue 06
5	S. S. Saravana Kumar	Efficient Implementation of Downlink Resource Allocation In Wireless Network with Inter-Cell Interference	Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp– 14 / 2017
6	B.V.D Jagadeeswari	Latency and Power Optimised Approximate LUT based Radix-16 Booth Multiplication using carry skip addition.	Organizational Development Journal ISSN: 0889-6402 Vol. 29. Issue 06
7	V. Satya Sudha	ROBA Multiplier For High-Speed Yet Energy-Efficient Approximate Applications	Industrial Engineering Journal ISSN: 0970-2555 Volume : 53, Issue 10, October : 2024

International Journals: 11

S.No	Name of the Faculty	Title of the Paper	Publication Details
1	Dr.B.Ratna Raju	Enhanced and Power Optimized Fault Aware Stable SRAM Design	International Journal of Research and Analytical Reviews (IJRAR) August 2024, Volume 11, Issue 3
2	B.V.D Jagadeeswari	Brain Sense Robotic Car Using BCI Technology	International Journal of Current Science (IJCS PUB) Volume 12, Issue 4 December 2022 ISSN: 2250-1770
3	M.J.M Prasad	Designing of 3-DB Microstrip Quadrature Hybrid Directional Coupler at 2 GHz	International Journal of Electrical and Electronic Engineering & Telecommunications
4	M.J.M Prasad	High Performance and Area Efficient Flexible DSP Datapath using LP gates	International Journal of VLSI System Design and Communication Systems, ISSN 2322-0929, Volume-06, Jan-Dec-2018. pp:020-024
5	S. S. Saravana Kumar	Interference Co-Ordination Elimination and Balancing of Load in MCN System	International Journal of Innovations & Advancement in Computer Science ISSN 2347 – 8616 Volume 6, Issue 12 December 2017
6	S. S. Saravana Kumar	Interference Co-Ordination Elimination and Balancing of Load in MCN System	International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 6, Issue 12 December 2017
7	S. S. Saravana Kumar	Power Efficient Resource Allocation of OFDMA Wireless Network	International Journal of Engineering & Technology, 7 (4.6) (2018) 449-452
8	S. S. Saravana Kumar	Load Balance and Mitigation of Interference Coordination in Multihop Cellular Networks	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering. Vol. 6, Issue 1, January 2017
9	R.Bheema Sankaram	Area and Power efficient booth's Multipliers Based on Non-Redundant	International Journal of Science Engineering and Advance Technology, IJSEAT, Vol. 4, Issue 12, ISSN 2321-6905

		Radix-4 Signed-Digit Encoding	December -2016
10	R.Bheema Sankaram	Design and Implementation of a High Speed and Area Efficient VLSI Architecture of Binary Adder	Turkish Journal of Computer and Mathematics Education Vol.12 No. 12(2021), 4819-4825
11	R. Bheema Sankaram	Design and Implementation of Voting Machine For Anti Rigging Purpose.	International Journal Innovative Engineering and Management Research. Vol 08 Issue08, Aug 2019. ISSN 2456 – 5083

National Conference: 21

S.No	Name of the Faculty	Title of the Paper	Publication Details
1	Dr.B.Ratna Raju	Scalable Low-Cost Sorting Network With Weighted Bit-Streams	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
2	B.V.D Jagadeeswari	Enhancing Reliability Of AES Cryptographic Decryption Core Through Defence In Depth Strategy	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
3	M.J.M Prasad	Secure framework for IOT technology based on RSA and DNA cryptography	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
4	R. Bheema Sankaram	High-Speed Area-Efficient VLSI Architecture of Three-Operand Binary Adder	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
	V. Satya Sudha		National Conference on Scientific Research and Innovations In

5		Fast & Effective Image Copy – Move Forgery Detection Via Hierarchical Feature Point Matching	Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
6	M.J.M Prasad	Co-axial fed Micro Strip Rectangular Patch Antenna Design for Blue tooth Application	Proceedings of NCCTET, 2014
7	S. S. Saravana Kumar	Challenges and Opportunities of Waste Management in IoT-enabled	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
8	Dr.B.Ratna Raju	Edge-Based Hybrid System Implementation for Long Range Safety and Healthcare IoT Applications	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
9	B.V.D Jagadeeswari	Sizing and Analysis of Renewable Energy and Battery Systems in Residential Micro grids	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
10	M.J.M Prasad	AxBMs: Approximate Radix-8 Booth Multipliers for High-Performance FPGA-Based Accelerators	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
11	R. Bheema Sankaram	Fully Reused VLSI architecture of Fmo/Manchester Encoding Technique For Memory Application	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
12	V. Satya Sudha	Layout guide for Conference Proceedings using Microsoft Word	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7

13	S. S. Saravana Kumar	Floodwall: A Prototype of Flash Flood Monitoring and Forecasting System Using IoT	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
14	Dr.B.Ratna Raju	A Review on Application of Augmented Reality and Virtual Reality in Revolutionizing Teleoperations	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
15	B.V.D Jagadeeswari	A secure image steganography algorithm based on least significant bit and integer wavelet transform	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
16	M.J.M Prasad	Secure data transmission using steganography and twisted exchange algorithm	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
17	R. Bheema Sankaram	Two Dimensional CS Adaptive FIR Wiener Flitering Algorithm For The Denosing Of Satellite Images	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
18	V. Satya Sudha	Computationally Efficient Truncated Nuclear Norm Minimization for High Dynamic Range Imaging	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
19	S. S. Saravana Kumar	Accurate Shadow Detection from High	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7

		Resolution Satellite Images	
20	Dr.B.Ratna Raju	Design Of Area Optimized Arithmetic And Logical Unit For Microcontroller	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7
21	B.V.D Jagadeeswari	High - Throughput Parallel SRAM – Based Hash Join Architecture on FPGA	National Conference on Scientific Research and Innovations In Emerging Technologies (NCSRINIET-2024) ISBN: 978-81-19914-35-7

International Conference: 03

S.No	Name of the Faculty	Title of the Paper	Publication Details
1	V. Satya Sudha	Circular Polarized Conformal Array Antenna for Satellite Applications	2024 IEEE Wireless Antenna and Wireless Symposium
2	S. S. Saravana Kumar	A Novel Approach for Improved Load Balancing and Interference Reduction in Wireless Networks using OFDMA	ICCEMS-2020 IOP Conf. Series: Materials Science and Engineering 925 (2020) 012003 DOI:10.1088/1757-899X/925/1/012003
3	B Anitha Pravalli	Investigation on Radiators of 2 – Element Array Antenna for Next Generation Wireless Applications	Proceedings of 3Rd International Conference on Intelligent Computing, Information and Control Information. March 2022 DOI:10.1007/978-981-16-7330-6_34