

SDM College of Engineering & Technology, Dharwad-02

Department of Electronics & Communication Engineering

Research Publication

S.N	Name of Faculty	Title of the paper	Title of the Journal	Volume
1	Dr. S. A. Joshi	Different Data Compression Algorithms in Wireless Sensor Networks	International Journal of Science and Research (IJSR)	ISSN:2319-7064 Volume 8 Issue 6, June 2019 Paper ID: ART20198344
2	Dr. S. A. Joshi	Analysis of different data compression Algorithms in Wireless Sensor Networks	International Journal of Engineering Sciences and Management – A multidisciplinary Publications of VTU 2019	Vol:01 No: 2 pp: xx:xx ISSN :1234-123X(print)
3	Sri Vyas Murnal	A quasi ballistic drain current charge and capacitance model with positional carrier scattering dependency valid for symmetric DG MOSFETs in nanoscale regime	Nano Convergence – Springer	SCIE indexing https://doi.org/10.1186/s40580-019-0189-y
	Mr. Vyas Murnal	“ A carrier Scattering Dependent Quasi-ballistic Drain Current Model Valid for Nanoscale Double Gate MoSFETs”	Internal conference on VLSI Signal Processing, Power Systems, Illumination and control, Communication and Embedded Systems (VSPICE-2019) at NMAM Institute of Technology, Nitte 23rd & 24th May, 2019.	To be published
	Dr. G. A. Bidkar & Mr. Pradeep A. S (Ph.D Scholar)	A Novel Design of steered Array Lens Antenna System with Isolation Enhancement”(IJRTE)	International Journal of Recent Technology and Engineering	ISSN (2277-3878) vol 8 Issue 3online. https://www.ijrte.org/ , Paper ID:IJRTE_Paper_1868August -September 2019
	Dr. G. A. Bidkar & Mr. Pradeep A. S (Ph.D Scholar)	Design and Analysis of modified split Ring Resonator for reduction of Mutual Coupling in Micro strip Patch Antenna Array”.	download Paper ID:IJRTE_Paper_1787	August -September 2019 ISSN 2249-8958 https://www.ijeat.org/ .

Paper presentation

Sl. No.	Name of Faculty Member	Date	Conference		Topic	Place
			International	National		
1	Dr. G. A. Bidkar	7 th and 8 th March, 2019.	International		A comparative analysis of circular and hexagonal split ring resonator for reduction of mutual coupling effect in IEEE International Conference Reduction on Recent Advances in Energy Efficient Computing and Communication	organized at St. Xavier's Catholic College of Engineering, Nagercoil, Tamil Nadu
2	Mr. S S Navalgund	19 th March, 2019		National	Innovations in Technical Educations : A case study at SDMCET at VTU- ISTE Annual National Faculty Convention	VTU Belgavi
3	Mr. M Vijay Kumar	19 th March, 2019		National	Innovations in Technical Educations : A case study at SDMCET at VTU- ISTE Annual National Faculty Convention	VTU Belgavi
4	Dr. S. S. Kerur	19 th March, 2019		National	Innovations in Technical Educations : A case study at SDMCET at VTU- ISTE Annual National Faculty Convention	VTU Belgavi
5	Mrs. Jayshree C Nidagundi	19 th March, 2019		National	" Role of women Empowerment through technical Education at VTU- ISTE Annual National Faculty Convention	VTU Belgavi
6	Ms. Preeti B	19 th March, 2019		National	" Role of women Empowerment through technical Education at VTU- ISTE Annual National Faculty Convention	VTU Belgavi
7	Dr. S. S. Kerur	19 th March, 2019		National	" Role of women Empowerment through technical Education at VTU- ISTE Annual National Faculty Convention	VTU Belgavi
8	Mr. Vyas Murna	26 th & 27 th April- 2019.	International		An analytic Potential based velocity saturated Drain Current, Charge and Capacitance model for short channel symmetric Double Gate MOSFETs in the First international conference on Advances in Electrical and Computer Technologies 2019	Hotel Aloft, Coimbatore, Tamil Nadu

9	Mr. Vyas Murna	23 rd & 24 th May, 2019.	International		A carrier Scattering Dependent Quasi-ballistic Drain Current Model Valid for Nano-scale Double Gate MoSFETs” in the internal conference on VLSI Signal Processing, Power Systems, Illumination and control, Communication and Embedded Systems (VSPICE-2019)	NMAM Institute of Technology, Nitte
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CAY-2018-19

S/No	Name of the faculty	Title of the paper	Title of the Journal	Publisher	Year, Volume
2018-19					
1	Dr. Hemalata Bhujle	NLM based Magnetic Resonance Image Denoising- A Review	Biomedical signal processing and control	Elsevier	Accepted for publication
2	Prof. Reshma Nadaf	Securing data from cyber crime using combination of SHA-1 and RSA algorithm	International Journal of advanced scientific technologies, engineering and management sciences	IJASTEMS	ISSN:2454-356X Volume 4, Issue 7, July 2018
3	Dr Satish S B	A Reconfigurable Based Architecture for Object Detection using Adaptive Threshold	International Journal of Advanced Computer Research	Accent	Accepted
4	Dr. Shreedhar A. Joshi	Data Acquisition and Analysis between from Sensors to Cloud Storage	IJCA		Accepted for publication

CAYm1-2017-18

S/No	Name of the faculty	Title of the paper	Title of the Journal	Publisher	Year, Volume
2017-18					
1	Dr. Hemalata Bhujle	Efficient Non-Local Means Denoising for Image Sequences with Dimensionality Reduction	Multimedia tools and Applications	Springer	May 31,2018 https://doi.org/10.1007/s11042-018-6159-2
2	Dr. Kalmeshwar N. Hosur	Design and Analysis of Low Power 4 Bit Flash ADC using Quantum Voltage Comparator.	International Journal of Engineering and Manufacturing Science.	Research India Publications	ISSN 2249-3115 Volume 8, Number 1 (2018) pp. 43-53
3	Dr. Satish S B	FPGA Implementation of Optimized Karhunen-Loeve Transform for Image Processing Applications	J Real-Time Image Proc	Springer	May 2018 https://doi.org/10.1007/s11554-018-0776-x
4		Implementation of Fingerprint Based Biometric System Using Optimized 5/3 DWT Architecture and Modified CORDIC Based FFT	Circuits Systems & Signal Processing	Springer	Jan 2018 https://doi.org/10.1007/s00034-017-0555-0
5	Dr. Shreedhar A. Joshi	Performance Analysis of fault identification and recovery in MANNET	IFERP Institute for Engineering Research And Publication	IJERECE ISSN (Online) 2394-6849	Vol 5 issue 5 May 2018
6	Dr. S. V. Viraktamath	Classification of Twitter Spam Based on Profile and Message Model Using SVM	International Research Journal of Engineering and Technology (IRJET)	Fast Track Publications	Volume: 04 Issue: 05 May - 2017

CAYm2-2016-17

S/No	Name of the faculty	Title of the paper	Title of the Journal	Publisher	Year, Volume
2016-17					
1	Dr. G. A. Bidkar	TEEN Protocol in wireless sensor network	Bonfring International Journal of software Engineering and soft competing,		Vol 6, special issue, ISSN 2277 - 5099 ; October 2016.
2		Optimal Sum Rate for Different Pre-Coding Schemes in very Large Scale MIMO Channels	Bonfring International Journal of software Engineering and soft competing,		Vol 6, special issue, ISSN 2277 - 5099 ; October 2016.
3		Design compact Microstrip Patch Antenna Using NZIM Lens for Increased Gain	Bonfring International Journal of software Engineering and soft competing,		Vol 6, special issue, ISSN 2277 - 5099 ; October 2016.
4		A comparative Study of Different Encryption Methods Applied to CDMA to Enhance Security	Bonfring International Journal of software Engineering and soft competing,		Vol 6, special issue, ISSN 2277 - 5099 ; October 2016.
5		Power Optimization Techniques in Wireless Sensor Networks	Bonfring International Journal of software Engineering and soft competing,		Vol 6, special issue, ISSN 2277 - 5099 ; October 2016.
6	Prof. Jayashree C. Nidagundi	"FPGA Implementation of Low Power Sum Product LDPC Decoder"	International Journal of Emerging Technology in Computer Science and Electronics,		Vol 23, Issue 06, 2016 (Vol2316P034), ISSN: 0976-1353
7		Performance Comparison of Binary LDPC Decoders and FPGA Implementation of Encoder	Bonfring International Journal of software Engineering and soft competing,	Research gate	DOI: 10.9756/BIJRCE.8203 November 2016

7	Dr. Vijaya C	FRFT for Digital Modulation & Detection Techniques	Bonfring International Journal (Special Issue)		Journal Special Issue Publication
8	Mr. Bairu K Saptalakar	A Comparative Study of Different Techniques of Booth's Algorithm in Designing Highly Efficient Signed Multiplier	Bonfring International Journal (Special Issue)		Journal Special Issue Publication
9	Prof. Renuka Korti & Dr. Vijaya C	"Architecture for Arithmetic Operations in GF(2M) Using Polynomial and Normal Basis for Elliptic Curve Cryptosystems"	Bonfring International Journal (Special Issue)		Journal Special Issue Publication
10	Prof. Preeti S. Bellerimath	"Two Stage CMOS Amplifier for ADC Application"	Bonfring International Journal (Special Issue)		Journal Special Issue Publication
		Digital Implementation of efficient low power and compact codec s/m for portable devices sensing cadence tool	Bonfring International Journal (Special Issue)		Vol6, special issue, ISSN 2277-5080/@ 2016 Bonfring
11	Dr. Satish Bhairannavar	An Efficient Reconfigurable VLSI Architecture for Fingerprint Recognition System	VLSI Design	Hindawi (ESCI Indexed)	DOI: 10.1155/2016/9532762
12	Dr. Shreedhar A. Joshi	"MIMO channel modeling using the multiple point scatterers.	"Journal of advances in science & Technology		VOL-XII, Issue-XXV; ISSN : 2230-9659 ; Date : 2 nd December 2016
13		"Analysis of RSSI and CLS based Localization algorithms in wireless sensor networks"	Bonfring International Journal of Research in Communication Engineering,		Vol 6, special issue, ISSN 2277 - 5080 November 2016.
14		IoT based smart Energy Meter	Bonfring International Journal of Research in Communication Engineering,		Vol 6, special issue, ISSN 2277 - 5080 November 2016.

15		“ Multi-user MIMO systems “	Bonfring International Journal of software Engineering and soft competing,		Vol 6, special issue, ISSN 2277 – 5099 ; October 2016.
16	Prof.SavitriRaju & Dr. Satish S. Bhairannawar	“Image Compression using Self Organising Map and Discrete Wavelet Transform with Error Correction”.	International Journal of Applied Engineering Research	RPI	ISSN 0973-4562 Vol. 12, No:10 (2017) pp.2509-2516
17					
18	Prof. Renuka Korti,	“Performance Analysis of Multiplication and Inversion Algorithms Over GF (2M) for Coding and Cryptographic Application	International Journal of Advance Research in Engineering, Science & Technology”		e- ISSN: 2393-9877, p-ISSN: 2394-2444, Volume 3 Issue 4 April 2016.
19	Prof. Reshma Nadaf	High Speed Implementation of floating point multiplier for low power design applications	Bonfring International Journal of Research in Communication Engineering		Vol 6, special issue, ISSN 2277 – 5080 ; Nov 2016.
20	Prof.J.V.Sangeetha Goud	Enhanced Security Scheme with Visual Cryptography	Bonfring International Journal of Research in Communication Engineering		Journal Special Issue Publication
21		Mouse Free Cursor Control	Bonfring International Journal of Research in Communication Engineering		Journal Special Issue Publication
22		Blackhole Attack and its Prevention in MANETS: A review	Bonfring International Journal of Research in Communication Engineering		Journal Special Issue Publication

CAYm3-2015-16

S/No	Name of the faculty	Title of the paper	Title of the Journal	Publisher	Year, Volume
2015-16					
1	Prof. S.S. Kerur	Design and Implementation of Eight bit ALU	International Journal for Research in Emerging Sciecne and Technology (IJREST)		e-ISBN 2349-7610
		Design and Simulation of 4 bit ALU Design Using GDI Technique for Low Power Application on Microwind 2.6K	International Journal and Magazine for Engineering Technology, Management and Research		Vol. 2, 2015, Issue -6 June
2	Prof. Savitri Raju	“Analysis of Edge Detection Algorithms for Content Extraction from Images”	International Journal of Scientific Research in Science, Engineering & Technology (IJSRSET),		ISSN: 2394-4099, Volume 2 Issue 2 March –April 2016
3	Prof. KotreshMarali,	“Performance Analysis and Hardware Implementation of Digital Circuit Design Using Reversible Logic	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE		e-ISSN:2278-2834,p-ISSN:2278-8735, Volume 11, Issue -2, Ver.III (Mar-Apr-2016), pp 33-39.
4	Prof. ReshmaNadaf	“An Efficient Implementation of 32 bit Binary Multiplier for High Speed Desgin Applications”	International journal of Engineering & Management Research		ISSN (Online):2250-0758-ISSN (Print):2398-6962, Volume 06, Issue -2, (Mar-Apr-2016), pp 175-177.
5	Prof.J.V. SangeethaGoud	“Enhanced Multi Level Secret Data Hiding”	International Journal of Scientific Research in Science, Engineering & Technology (IJSRSET),		ISSN: 2395-1990, Volume 2 Issue 2 March –April 2016.

6	Prof. Renuka Korti	"Performance Analysis of Multiplication and Inversion Algorithms Over GF (2M) for Coding and Cryptographic Application"	International Journal of Advance Research in Engineering, Science & Technology"		e- ISSN: 2393-9877, p- ISSN: 2394-2444, Volume 3 Issue 4 April 2016
7	Dr. Shreedhar A. Joshi	" Energy efficient and secure image transmission in WSN "	Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE),		vol.4,Issue 4, April 2016, Page No : 8040-8045, DOI : 10.15680 / IJIRCCE : 2016 . 0404311; ISSN (online): 2320-9801; ISSN (Print): 2320-9798;