

SDM College of Engineering & Technology, Dharwad-02

Department of Electronics & Communication Engineering

Detail on the research publications of the existing permanent faculty in the last three years in **International** journals

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 Sciece 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;