

Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / international	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
	A Survey on leaf disease detection using machine learning	IEEE (Madras Section) International conference on Electrical, Electronics, Computers, communication, mechanical and computing	IEEE (Madras Section) International conference on Electrical, Electronics, Computers, communication, mechanical and computing	International	2017-18	NA	GHRCEM, Pune	IEEE
	Leaf Disease Detection based on machine learning	IEEE- International conference computing methodology and communication, (ICCMC 2018)	Springer- International conference on ISMAC -CVB	International	2017-18	NA	GHRCEM, Pune	Springer

	Temperature and humidity control by using Neural Network for Oyster Mushroom Cultivation	IEEE- International conference computing methodology and communication, (ICCMC 2018)	IEEE- International conference computing methodology and communication, (ICCMC 2018)	International	2017-18	NA	GHRCEM, Pune	IEEE
-	A Novel Approach to Secure Routing Protocols in WSN	International Conference on Inventive Systems & Control	International Conference on Inventive Systems & Control	International	2018	78-1-5386-0807-	GHRCEM	IEEE Xplore
-	Improved Security of WSN with Active Trust Routing	International Conference on Inventive Research in Computing	International Conference on Inventive Research in Computing	International	2018	78-1-5386-2456-	GHRCEM	IEEE Xplore
—	Digitized City With IoT	IEEE XPLORE	IIInd International Conference on Computing Methodologies & Communication, Madras Section	International	2018	ISBN:-978-1-5386-3452-3	GHRCEM	IEEE
—	Digitized City With IoT	IEEE XPLORE	IIInd International Conference on Computing Methodologies & Communication, Madras Section	International	2018	978-1-5386-3452-3	Surya Engineering College, Erode, Tamil Nadu, India	IEEE

	A Survey on Challenges and Oppurtunities of waste mangement in IOT Enabled Smart Cities	EEEE.ME	International Conference on Electrical,electronics, Computers, Communication,Mec hanical & Computing	International	2018	978-1-5386-4303-7	Anna University	Priyadrarshi ni college of Engg
	Performance Optimization of Neural Network using GA Incorporated PSO	Journal of Adv Research in Dynamical & Control Systems	Journal of Adv Research in Dynamical & Control Systems	International	2018	1943-023X	GHRCEM, Pune	JARDCS
	Optimum Spread for Generalized Regression Neural Network using Particle Swarm Intelligence	Journal of Adv Research in Dynamical & Control Systems	Journal of Adv Research in Dynamical & Control Systems	International	2018	1943-023X	GHRCEM, Pune	JARDCS
	Brain Tumor Segmentation and Detection using Genetic Algorithm	International Journal of Creative Research Thoughts	International Journal of Creative Research Thoughts	International	2018	2320-2882	GHRCEM, Pune	IJCRT
	A Survey on Brain Tumor Segmentation and Detection using Genetic Algorithm	International Journal for Science and Advance Research in Technology	International Journal for Science and Advance Research in Technology	International	2018	2395-1052	GHRCEM, Pune	IJSART
	Design and Implementation of Adaptive Headlight Control System Using CAN-LIN Protocols	International Conference on Computer Networks and Inventive Communication Technologies	International Conference on Computer Networks and Inventive Communication Technologies	International	2018	2367-4512	GHRCEM, Pune	ICCN I CT

NA	IOT BASED SMART CITY: A SURVEY	Emerging Trends in Science, Engineering & Technology (ICETSET 2018)	Emerging Trends in Science, Engineering & Technology (ICETSET 2018) 8-9th May	International	<u>2018</u>	NA	ng, G. H. Raisonni Co	GHRCEM,Pune
	Image fusion using genetic algorithm and different transform techniques	SPCN-2017	on Signal processing, C	International	2017	NA	GHRCEM,PUNE	NA
	Design and Simulation of Hybrid SETMOS Operator Using Multiple Value Logic at 120nm Technology	Proceedings of the International Conference on Data Engineering and Communication Technology	ICDECT	International Conference	2017	78-981-10-1678-	GHRCEM	Springer
—	Energy efficient storage-less and converter-less renewable energy harvesting system using MPPT	IEEE XPLORE	Convergence in Technology (I2CT), 2017 2nd International Conference for	International	2017	ISBN:-978-1-5090-4307-1	GHRCEM	IEEE
—	An Intelligent automobile Anti-Theft Tracking and Calamity Detection System Based on IoT using RASPBERRY PI For Real Time Applications	New Paradigms in Engineering Technology and Management	Ist International conference on New Paradigms in Engineering Technology and Management	International	2017	978-93-86171-75-7	Institution of Electronics & Telecommunicati on Engineers, 62 Indiranagar, Pune, India	IJARSE

	Ergodic capacity based transmit antenna selection for cognitive radio network under nakagami-m fading	Proceedings - 2nd International Conference on Computing, Communication, Control and Automation, ICCUBEA 2016	2nd International Conference on Computing, Communication, Control and Automation, ICCUBEA 2016	International	2017	78-1-5090-3291-	Sathyabama University, Chennai, Tamilnadu, India	IEEE
nil	Performance Analysis of Spectrum Sensing Algorithm Using Multiple Antenna in Cognitive Radio	Information Science book series	SSCC Sept.17, 2016	<u>International Symposium on Security in Computing and Communication</u>	2016	007/978-981-10-2	G.H.Raisoni College of Engineering and Management, Pune	Communications in Computer and Information Science book series (CCIS, volume 625) springer book series
Advances in Intelligent Systems and Computing	Comparative Analysis of Image Fusion using DCT, DST, DWT, Walsh Transform and Kekre's Wavelet transform	ICICA-2016	International conference on intelligent computing and applications	International	2016	78-981-10-5519-	DYPCOE, Akurdi	Springer

	Design and implementation of quaternary summation circuit with single electron transistor and MOSFET	Electrical , Electronics, and Optimization Techniques (ICEEOT), International Conference	(ICEEOT)	International Conference	2016	78-1-4673-9939-	GHRCEM	IEEE
-	Proactive Source Roting Protocol For Opportunistic Data Forwarding in MANETS	2016 INTERNATIONAL CONFERENCE on Automatic Control & Dynamic Optimization techniques	2016 INTERNATIONAL CONFERENCE on Automatic Control & Dynamic Optimization techniques	International	2016	978-1-5090-2080-5/16 IEEE	GHRCEM	IEEE Xplore
—	Energy Saving using Data Encoding Scheme in Network-on-Chip for LDPC Application	IJCA	National Conference on Advances in Computing, Communication and Networking (ACCNet – 2016)	International	2016	NA	GHRCEM	IJCA

Springer, Advances in Intelligent Systems and Computing Series 10.1007/978-981-10-1678-3	Design and Analysis of Quantum Dot Cellular Automata Technology Based Reversible Multifunction Block	International Conference On Data Engineering And Communication Technology – ICDECT-2016	International Conference On Data Engineering And Communication Technology – ICDECT-2016	International	2016	ISBN-9789811016783 9789811016776	G. H. Rasoni College of engineering and Management, Pune	Springer AISC Series
	Analysis of various approaches used for the implementation of QCA based Full Adder Circuit	IEEE, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016	IEEE, International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016	International	2016	NA	G. H. Rasoni College of engineering and Management, Pune	IEEE
	Ergodic capacity based antenna selection in MIMO for Rayleigh fading	Proceedings - IEEE International Conference on Information Processing, ICIP 2015	IEEE International Conference on Information Processing, ICIP 2015	International	2015	78-1-4673-7758-	Sathyabama University, Chennai, Tamilnadu, India	IEEE
	“Cognitive Radio Networks Optimization with Spectrum Sensing Algorithms	NA	NA	International	2015	ISBN: 97887931020	G.H.Rasoni College of Engineering and Management, Pune	River Publishers Series in Communications

	Design and implementation of four bit arithmetic and logic unit using hybrid single electron transistor and MOSFET at 120nm technology	Pervasive Computing (ICPC), 2015 International Conference on	(ICPC)	International Conference	2015	78-1-4799-6272-	GHRCEM	IEEE
	Design and implementation of binary and quaternary low power selective circuit using single electron transistor	Control, Instrumentation, Communication and Computational Technologies (ICCICCT), 2015 International Conference	ICCICCT	International Conference	2015	78-1-4673-9825-	GHRCEM	IEEE
—	DESIGN AND IMPLEMENTATION OF ROBOTIC ARM WITH SIX DEGREES OF FREEDOM USING FPGA	International Journal of Computer Application	Advances in Networking, Embedded System and Telecommunication 2015(ANEC-2015)	International	2015	ISSN: 2250-1797	GHRCEM	IJXA
—	Character Revealing Handwriting Analysis based on Segmentation method using SVM	IETE 46th Mid Term Symposium	Impact of Technology on Skill Development	National	2015	2277-9477	Sipna College of Engineering, Amravati.	IEEE

—	Constructing Support Vector Machines with Reduced Classifier Complexity	Inter Disciplinary Research on Recent Trends in Information Technology and Computer Engineering	Inter Disciplinary Research on Recent Trends in Information Technology and Computer Engineering	National	2015	2348-4853	D.Y. Patil College of Engineering, Akurdi, Pune	IJAFRC
	Design and simulation of single layered Logic Generator Block using Quantum Dot Cellular Automata	International Conference on Pervasive Computing (ICPC), 2015	International Conference on Pervasive Computing (ICPC), 2015	International	2015	doi: 10.1109/PERVASIVE.2015.7087101	G. H. Raisoni College of engineering and Management, Pune	IEEE
	Implementation and performance analysis of single layered reversible Parity generator and Parity checker Circuits using Quantum Dot Cellular Automata paradigm,	IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT), Kumaracoil, 2015	IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT), Kumaracoil, 2015	International	2015	doi: 10.1109/ICCICCT.2015.7475271	G. H. Raisoni College of engineering and Management, Pune	IEEE
	Channel Residual Energy based combine estimation of imperfections of receiver in MIMO-OFDM system	International Conference on Pervasive Computing: Advance Communication Technology and Application for Society, ICPC 2015	International Conference on Pervasive Computing: Advance Communication Technology and Application for Society, ICPC 2015 - Proceeding	International	2015	DOI:10.1109/PERVASIVE.2015.7087041	Trinity Collge of Engineering,Pune	IEEE

	Intelligent Control System for Engine Temperature Monitoring and Airbag Deployment in Cars	International Journal of Computer Application	International Journal of Computer Application	International	2015	2250-1797	GHRCEM, Pune	IJCA
	Design and implementation of single electron transistor N-BIT multiplier	Circuit, Power and Computing Technologies (ICCPCT), 2014	(ICCPCT)	International Conference	2014	ISBN:- 978-1-4799-2397-7	GHRCEM	IEEE
—	Prediction of Human Personality by Handwriting Analysis Based on Segmentation Method Using Support Vector Machine	s & Research in Engineering	Emerging Trends & Research in Engineering & Technology	International	2014	2229-5518	IBSS COE, Amravati	IJSER
	Design and simulation of new XOR gate and code converters using Quantum Dot Cellular Automata with reduced number of wire crossings,	International Conference on Circuit, Power and Computing Technologies (ICCPCT), 2014 IEEE, Nagercoil	International Conference on Circuit, Power and Computing Technologies (ICCPCT), 2014 IEEE, Nagercoil	International	2014	doi: 10.1109/ICCPCT 2014.7054942	G. H. Raisoni College of engineering and Management, Pune	IEEE
	Transmit Antenna Selection in MIMO for image transmission with MRC in Rician fading channel	Proceedings - 2014 IEEE Global Conference on Wireless Computing and Networking, GCWCN 2014	Global Conference on Wireless Computing and Networking, GCWCN 2014	International	2014	DOI:10.1109/GCWCN. 2014.7030886	GHRCEM, Pune	IEEE

	Design and implementation of 4-bit arithmetic logic unit using Quantum Dot Cellular Automata	Advance Computing Conference (IACC),	Advance Computing Conference (IACC),	International	2013	doi: 10.1109/IAdCC. 2013.6514367	G. H. Rasoni College of engineering and Management, Pune	IEEE
	Design and implementation of 4-bit arithmetic logic unit using Quantum Dot Cellular Automata	Advance Computing Conference (IACC),	Advance Computing Conference (IACC),	International	2013	doi: 10.1109/IAdCC. 2013.6514367	G. H. Rasoni College of engineering and Management, Pune	IEEE
	An Insight into the Future Nano CMOS Device	NC-RDME	National Conference on Research & Development in Mechanical Engineering	National	2013	NA	Pune University	GHRCEM,Pune