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Papers published in national and international journals:

S. No.	Authors	Title of the Article	Name of the Journal	ISSN No. & Year
1.	S. Chandhini, Dr. D.Veera Vanitha, K. Bharathi Nandha, M. Pooja Dharshini	Automatic Speed Breaker Flattening System For Ambulance	International Journal of Engineering Research And Management (IJERM) (peer reviewed, Thomson routers, Google Scholar)	ISSN: 2349-2058, Volume-07, Issue-05, May 2020, pp 58-60
2.	Dr. D. Veera Vanitha and Dr. M. Sabrigiriraj and Dr. D. Sumitha	Analysis of OBS Networks with Impatient Bursts and Server Breakdown	International Journal of Engineering, Applied and Management Sciences Paradigms (peer reviewed, UGC Approved List of Journals, Google Scholar)	Vol.54, Issue.3, pp.226-233, ISSN 2320-6608, June 2019.
3.	Dr. D. Veera Vanitha	Impact of Server Failure In OBS Networks	Journal of Applied Science and Computations (UGC Approved Journal- 41238)	Vol.6, No.5, pp. 3840-3842, May 2019 ISSN 1076-5131
4.	Dr. D.Veera Vanitha , M. DivyaPoornima, A. Uma Maheshwari and R.Yazhini	Survey on Microcontroller Based Automatic Source Changeover Between Solar and Main System'	Journal of Applied Science and Computations (UGC Approved Journal- 41238)	Vol.6, No.5, pp. 3711-3714, May 2019 ISSN 1076-5131
5.	D. Veera Vanitha and Dr. M. Sabrigiriraj and Dr. D. Sumitha	Performance Evaluation of Priority Based OBS Networks with Negative Bursts	Applied Mathematics and Information Sciences (peer reviewed)	Vol.11, no.6, pp.1649-1654, ISSN-2325-0399, Nov, 2017.
6.	D.Veera Vanitha, S.Nivitha J.Saranya R.Pritha T.Shobika	Automatic drip Irrigation System using Raspberry pi and Wireless Sensor Network	International Journal of Innovative Research in Science, Engineering and Technology (peer reviewed)	Vol.6, Issue 3, pp. 5088-5092, ISSN 2319-8753, March 2017
7.	D.Veera Vanitha M.Priyanka K.Sindhu S.Maithili K.Keerthana R.Suganya	Template Matching Based on Optical Character Recognition Aided to Visually Challenged People	International Journal of Innovative Research in Science, Engineering and Technology (peer reviewed, indexcopernicus)	Vol.6, Issue.3, pp. 5065-5069, ISSN 2319-8753, March 2017

8.	D. Veera Vanitha, Dr. M. Sabrigiriraj and Dr. D. Sumitha	Performance of Optical Bursts with Retransmission in OBS Networks	International Journal of Control Theory and Applications(peer reviewed)	Vol. 8, No.4, pp. 1-7, ISSN 0974- 5572 March 2016
9.	D. Veera Vanitha and Dr. M. Sabrigiriraj	Analysis of Hybrid Buffering and Retransmission in OBS Networks	Scientific World Journal, Hindawi Publications(peer reviewed, scopus)	Volume 2015, pp. 1- 6, ISSN 1537-744X, July 2015
10.	B. Gomathi and D. Veera Vanitha	Effective Area and Power Reduction for Low Voltage CMOS Image Sensor Based Applications	International Journal for Trends in Engineering and Technology(peer reviewed, google scholar, index copernicus)	Vol.3, Issue. 1, pp. 139- 143, ISSN 2349-9303, Jan 2015
11.	D.Veera Vanitha, Nandhini R, SathyaU,Ravanya R, Haripriya C	Avoid Congestion Using Control Packet Buffering in Optical Burst- Switched Networks	International Journal of Scientific & technology Research (peer reviewed, google scholar)	Vol.2, Issue.5, pp 69- 73, ISSN 2277-8616, May 2013

International / National Conference publications:

S.No.	Authors	Title of the Article presented	Name of the Institution	Date
1.	R.Sudarmani, D.Jovina, D.Veera Vanitha	International Conference on Softcomputing Techniques in Engineering paper titled "NANO Technology for low power & High performance systems"	Department of CSE, Faculty of Engineering, Avinashilingam University for Women, Coimbatore.	24.01.2007- 25.01.2007
2.	D.Jovina, R.SudarmaniD.Ve era Vanitha	International Conference on Softcomputing Techniques in Engineering paper titled"Direct Torque Control Using Space Vector Modulation for Electric Vehicle Applications"	Department of CSE, Faculty of Engineering, Avinashilingam University for Women, Coimbatore.	24.01.2007- 25.01.2007
3.	D.Veera Vanitha	National Conference on Advances in Communication and Computing paper titled "Low Power Test Pattern Generation for BIST Architecture"	Department of ECE, Karpagam college of Engineering, Coimbatore.	05.04.2008
4.	D.Veera Vanitha, R.Vijayabhasker	3 rd International Conference on Intelligent Systems and Control paper titled"A Survey on watermarking methods"	Karpagam college of Engineering, Coimbatore.	06.02.2009- 07.02.2009

5.	D.Veera Vanitha, R.Vijayabhasker	1 st National Conference on Signal Processing Communications and VLSI Design paper titled “ Watermarking for Images using the HVS and SVD in the Wavelet Domain”	Department of ECE, Anna University, Coimbatore.	08.05.2009- 09.05.2009
6.	D. Veera Vanitha, Mahalakshmi. R, Manimala.P, Meera. M, Mohanapriya. S, Rajpriya. S	National Conference on Intelligent Computing NCIC'10 paper titled“Adaptive Transmission Radius Self- Adjustment Protocol for Wireless Sensor Networks	Department of CSE,Faculty of Engineering, Avinashilingam University for Women, Coimbatore.	03.02.2010
7.	V.Rukkumani, D.Veera Vanitha	National Conference on Information and Communication Systems- ICS 2012 paper titled “Temperature Based Area Efficient Design of Analog Circuits using VLSI”	Department of ECE, INFO Institute of Engineering, Coimbatore.	08.03.2012- 09.03.2012
8.	D.Veera Vanitha	National Conference on Communication & Advanced Research in Electrical, Electronics & Robotics (CAREER 13) paper titled “Contention Resolution Schemes in Optical Burst Switching Network- Survey”	Department of ECE, SNS college of Engineering, Coimbatore.	01.03.2013- 02.03.2013
9.	D.VeeraVanitha, D,Nandhini R, SathyaU,Ravanya R, Haripriya C	National Conference on Recent Trends in Automation and Instrumentation Technology NCRAIT'13 paper titled “MAC Layer Performance Enhancement Using Control Packet Buffering in Optical Burst Switched Networks”	Department of EIE, K.S.Rangasamy college of Technology, Tiruchengodu.	13.03.2013
10.	D.Veera Vanitha	National conference on Advanced Computing & Changing Paradigm in Computer Applications paper titled“Fairness Improvement in OBS networks”	Department of Computer Applications, Karpagam College of Engineering, Coimbatore	19.04.2013- 20.04.2013
11.	D.Veera Vanitha	International Conference on Intelligent Engineering Systemspaper titled “Performance Analysis of Hop Based Wavelength Assignment Strategy for WDM network”	Department of ECE, EASA College of engineering and Technology, Coimbatore	03.04.2014- 04.04.2014
12.	D.Veera Vanitha, Dr.M.Sabrigiriraj	National conference on Recent Trends in Engineering and Technology paper titled “Performance Analysis of Hop Count based Wavelength Assignment in OBS Networks”	Department of CSE, SVS College of Engineering, Coimbatore.	11.04.2014
13.	D. Veera Vanitha, M. Sabrigiriraj	IEEE International Conference Computational Intelligence	Vikram College of Enginnering, Madurai.	10.12.2015- 12.12.2015

		and Computing Research (IEEE ICCIC) paper titled "Mathematical Modelling for Retransmission based Contention Resolution in OBS Networks"		
14.	D. Veera Vanitha	International Conference on Current Trends in Engineering & Technology paper titled "Raspberry Pi Based Shopping Trolley for Super Market Billing System"	Akshaya College of Engineering and Technology, Kinathukadavu, Coimbatore.	06.04.2016
15.	D.Veera Vanitha,S.Nivitha, R.Pritha, J.Saranya, T.Shobika	National Conference on Recent trends in 'Embedded Systems (NCRTES'17) paper titled 'A Survey on smart irrigation system using Raspberry Pi and Wireless Sensor Networks'.	Department of ECE, Faculty of Engineering.	08.04.2017
16.	D. Veera Vanitha, .K. K.keerthana, S. Maithili, M. Prianka, K. Sindhu, R. suganya	National Conference on Innovation Health Care Technologies (NCRIHT'17) paper titled 'Developing pre-requisite text to speech software skill for play school students'.	Department of BMIE, Faculty of Engineering.	10.04.2017
17.	D.Veera Vanitha, Dr. M. Sabirgiriraj, Dr. D. Sumitha	International Conference on Current Trends toward Converging Technologies paper titled "Analysis of Combined Buffering and Retransmission with Maintenance Activity in OBS Networks"	Department of ECE, SVS College of Engineering, Coimbatore	01.03.2018-03.03.2018
18.	D. Veera Vanitha, Harany R. V, Nandhini T, Sandhiya M, Sandhya C	International Conference on Current Trends toward Converging Technologies paper titled "A Survey of Smart Electronic Notification Board"	Department of ECE, SVS College of Engineering, Coimbatore	01.03.2018-03.03.2018
19.	D. Veera Vanitha, Kavya.G, Saranya.N, Sowndarya.C	International Conference on Current Trends toward Converging Technologies paper titled "A Survey of Electronic Voting Machine"	Department of ECE, SVS College of Engineering, Coimbatore	01.03.2018-03.03.2018
20.	Dr. D. Veera Vanitha	International Conference on Emerging Trends in Wireless Communications, Signal Processing and Networking paper titled "Impact of Server Failure In OBS Networks"	Department of ECE, School of Engineering, Avinashilingam Institute for Home Science and Higher Education for Women,	07.03.2019-08.03.2019
21.	Dr. D.Veera Vanitha, M. DivyaPoornima, A. Uma Maheshwari, R.Yazhini	International Conference on Emerging Trends in Wireless Communications, Signal Processing and Networking paper titled "Survey on Microcontroller Based Automatic Source Changeover	Department of ECE,School of Engineering, Avinashilingam Institute for Home Science and Higher Education for Women,	07.03.2019-08.03.2019

		Between Solar and Main System”	Coimbatore	
22.	Dr. D. Veera Vanitha A. Uma Maheshwari, R. Yazhini, M. DhivyaPoornima	International Conference on Veracity Research in Scientific Computation and Engineering Trends paper titled “Microcontroller Based automatic Source Changeover Between Solar and Main System”	V.R.S. College of Engineering and Technology, Arasur, Villupuram District	23.03.2019
23.	Dr. D.Veera Vanitha, Dr. M. Sabirigiriraj, Dr. D. Sumitha	International Conference on Innovative & Advanced Multidisciplinary Research (ICIAMR 2019) paper titled “Analysis of OBS Networks with Impatient Bursts and Server Breakdown”	Dr. B R Ambedkar Institute of Technology, Port Blair, Andaman and Nicobar Islands, India	08.06.2019– 09.06.2019
24.	து.வீரவனிதா, உதவிபேராசிரியர்; மின்னணு மற்றும் தொடர்பு பொறியியல் துறை பொறியியல்புலம் அவினாசிலிங்கம் மையம் மற்றும் மகளிர் உயர்கல்வி நிறுவனம், கோயம்புத்தூர்	National Conference on Sri SubramaniaBharathiyars Compositions during Pre-Independence paper titled “பாரதி வளர்த்த விடுதலை வேட்கை”	Department of ECE and Department of Tamil, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.	13.12.2017- 14.12.2017
25.	K.Bharathi Nandha, S.Chandhini, M.Pooja Dharshini, Dr. D.Veera Vanitha (AP/ECE)	National conference on Emerging trends in Wireless Communications, Signal Processing and Networking, paper titled “Survey on Automatic Speed Breaker System for Ambulance”	Department of ECE , School of Engineering,Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.	19.02.2020- 20.02.2020
26.	Dr. D. Veera Vanitha, Dr. D. Sumitha	National conference on Emerging trends in Wireless Communications, Signal Processing and Networking, paper titled “Analysis of Hybrid Buffering and Retransmission in OBS Networks”	Department of ECE , School of Engineering,Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.	19.02.2020- 20.02.2020

Book published:

S No.	Title of the book	ISBN No.	Publishers	Year of Publishing
1.	A Hybrid Digital Image Watermarking Algorithm Based on DWT- SVD	978-613-5-93582-0.	Lambert Academic Publishing	2018