

Name : Dr.D.Veera Vanitha

Designation : Assistant Professor

Publications (for Last 5 years)

S.No.	Authors	Title of the Article	Name of the Journal	ISSN No. & Year
1.	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)	Vol.54, Issue.3, pp.226-233, ISSN 2320-6608, June 2019.
2.	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
3.	Dr. D.Veera Vanitha , M. Divya Poornima, 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
4.	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.
5.	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
6.	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)	Vol.6, Issue.3, pp. 5065-5069, ISSN 2319-8753, March 2017
7.	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
8.	D. Veera Vanitha and Dr. M. Sabrigiriraj	Analysis of Hybrid Buffering and Retransmission in OBS Networks	Scientific World Journal, Hindawi Publications (peer reviewed)	Volume 2015, pp. 1-6, ISSN 1537-744X, July 2015
9.	B. Gomathi and	Effective Area and	International Journal	Vol.3, Issue.

	D. Veera Vanitha	Power Reduction for Low Voltage CMOS Image Sensor Based Applications	for Trends in Engineering and Technology (peer reviewed)	1, pp. 139-143, ISSN 2349-9303, Jan 2015
10.	D.Veera Vanitha, Nandhini R, Sathya U,Ravanya R, Haripriya C	Avoid Congestion Using Control Packet Buffering in Optical Burst-Switched Networks	International Journal of Scientific & technology Research (peer reviewed)	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
11.	D.Veera Vanitha	International Conference on Intelligent Engineering Systems paper 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 and M. Sabrigiriraj	IEEE International Conference Computational Intelligence and Computing Research (IEEE ICCIC) paper titled "Mathematical Modelling for Retransmission based Contention Resolution in OBS Networks"	Vikram College of Enginnering, Madurai.	10.12.2015-12.12.2015
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	National Conference on	Department of ECE,	08.04.2017

	S.Nivitha R.Pritha J.Saranya T.Shobika	Recent trends in 'Embedded Systems (NCRATES'17) paper titled 'A Survey on smart irrigation system using Raspberry Pi and Wireless Sensor Networks'.	Faculty of Engineering.	
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. Sabrigiriraj and 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 and 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, Coimbatore	07.03.2019- 08.03.2019
21.	Dr. D.Veera Vanitha, M. Divya Poornima, A. Uma Maheshwari and R.Yazhini	International Conference on Emerging Trends in Wireless Communications, Signal Processing and Networking paper titled "Survey on Microcontroller Based	Department of ECE, School of Engineering, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	07.03.2019- 08.03.2019

		Automatic Source Changeover Between Solar and Main System”		
22.	Dr. D. Veera Vanitha A. Uma Maheshwari, R. Yazhini, M. Dhivya Poornima	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. Sabrigiriraj and 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