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### **List of Publications**

1. S. Chandhini, **Dr. D.Veera Vanitha**, K. Bharathi Nandha and M. Pooja Dharshini, "Automatic Speed Breaker Flattening System For Ambulance", International Journal of Engineering Research And Management (IJERM), Volume-07, Issue-05, pp 58-60, May 2020, ISSN: 2349- 2058. (Peer reviewed, Thomson routers, Google Scholar).
2. **Dr. D. Veera Vanitha**, 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, Vol.54, Issue.3, pp.226-233, June 2019, ISSN:2320-6608. (peer reviewed, UGC Approved List of Journals, Google Scholar).
3. **Dr. D. Veera Vanitha**, "Impact of Server Failure In OBS Networks", Journal of Applied Science and Computations", Vol.6, No.5, pp. 3840-3842, May 2019, ISSN:1076-5131. (UGC Approved Journal- 41238).
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, Vol.6, No.5, pp. 3711-3714, May 2019, ISSN: 1076-5131. (UGC Approved Journal- 41238).
5. **D. Veera Vanitha**, Dr. M. Sabrigiriraj and Dr. D. Sumitha, "Performance Evaluation of Priority Based OBS Networks with Negative Bursts", Applied Mathematics and Information Sciences, Vol.11, no.6, pp.1649-1654, ISSN-2325-0399, Nov, 2017. (peer reviewed)
6. **D.Veera Vanitha**, S.Nivitha, J.Saranya, R.Pritha and T.Shobika, "Automatic drip Irrigation System using Raspberry pi and Wireless Sensor Network" International Journal of Innovative Research in Science, Engineering and Technology, Vol.6, Issue 3, pp. 5088-5092, ISSN 2319-8753, March 2017. (peer reviewed)
7. **D.Veera Vanitha**, M.Priyanka, K.Sindhu, S.Maithili, K.Keerthana and R.Suganya, "Template Matching Based on Optical Character Recognition Aided to Visually Challenged People", International Journal of Innovative Research in Science, Engineering and Technology, Vol.6, Issue.3, pp. 5065-5069, March 2017, ISSN: 2319-8753. (peer reviewed, index copernicus)
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, Vol. 8, No.4, pp. 1-7, ISSN:0974- 5572 March 2016. (peer reviewed)

9. **D. Veera Vanitha** and Dr. M. Sabrigiriraj, “Analysis of Hybrid Buffering and Retransmission in OBS Networks”, Scientific World Journal, Hindawi Publications, Volume 2015, pp. 1-6, July 2015, ISSN:1537-744X. (peer reviewed, scopus)
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, Vol.3, Issue. 1, pp. 139-143, Jan 2015, ISSN: 2349-9303. (peer reviewed, google scholar, index copernicus)
11. **D.Veera Vanitha**, Nandhini R, SathyaU, Ravanya R and Haripriya C, “Avoid Congestion Using Control Packet Buffering in Optical Burst-Switched Networks”, International Journal of Scientific & technology Research, Vol.2, Issue.5, pp 69- 73, May 2013, ISSN:2277-8616. (peer reviewed, google scholar)