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LIST OF PUBLICATIONS

1. K.Chitra, , C.Vennila, ,” A novel patch selection technique in ANN B-Spline Bayesian hyperprior interpolation VLSI architecture using fuzzy logic for highspeed satellite image processing” July 2020 [Journal of Ambient Intelligence and Humanized Computing](https://doi.org/10.1007/s12652-020-02264-9) DOI: [10.1007/s12652-020-02264-9](https://doi.org/10.1007/s12652-020-02264-9).(SCI)
2. Vijay,C.Vennila, “An energy efficient clustering protocol for IOT wireless sensor networks based on cluster supervisor Management”,Concurrency and Computation Practice and Experience Wiley
3. Vijay,C.Vennila,Swaminathan. K,"Holistic Near field Communication (NFC) approach Digital Access based on IOTize"Test Engineering and Management, ISSN 0193_4120,pp.10920_10926,May_June 2020(UGC)
4. S.Jayanthi,C.Vennila,"Performance improvement in satellite image classification using adaptive supervised multi-resolution approach "Computer communication,Vol_150,pp200_208 ScienceDirect,Elsevier,January 2020.(SCI)
5. S.Venkatasubramanian,A.Suhasini,C.Vennila "A Review on Machine learning techniques for QOS in WSN",vol 28,No 9,(2019),OP 168_179,International journal of Advanced Science and Technology. (scopus)
6. S.Jeyanthi, C.Vennila, “Advanced Satellite Image Classification of Various Resolution Image Using a Novel Approach of Deep Neural Network Classifier”, Wireless Personal Communications, Vol,104,issue 1,pp 357-372.2018. (SCI)
7. S.Subhathradevi,C.Vennila,” **Heuristic Reusable Systolic Array Multiplier for DSP Applications**”, Design Automation and Embedded systems, Springer pp. 113-117, Vol., 2018. SCI indexed.
8. S.Subhathradevi,C.Vennila “**Delay Optimized Novel Architecture of FIR Filter using Clustered-Retimed MAC unit Cell for DSP Applications**” Appl. Math. Inf. Sci, Vol 11, No. 4, pp 1199-1205, 2017.**Annexure-I**
9. B.Suganthi, C.Vennila,” **Performance Simulation of Higher Frequency band Models for D2D application of 5G technology**” Appl. Math. Inf. Sci, Vol 11, No. 6, pp 1731-1736 2017. **Annexure-I.**
10. B Suganthi, C Vennila, K Seok-Bum,” **A Novel Link Reliable Multipath Routing Protocol for MANET**” Asian Journal of Research in Social Sciences and Humanities 6 (11), pp 463-478, 2016. . **Annexure-I.**
11. K.Chitra,C.Vennila ” A novel patch selection technique in ANN B-Spline Bayesian Hyperprior interpolation VLSI architecture using fuzzy logic for high speed satellite image processing”, published June 2020 ,Journal of Ambient Intelligence and Humanized Computing,Springer Verlag,DOI <https://doi.org/10.1007/s12652-020-0264-9>.
12. S.Jayanthi,C.Vennila,"Performance improvement in satellite image classification using adaptive supervised multi-resolution approach "Computer communication,Vol_150,pp200_208 ScienceDirect,Elsevier,January 2020.**SCI indexed**
13. S.Venkatasubramanian,A.Suhasini,C.Vennila "A Review on Machine learning techniques for QOS in WSN",vol 28,No 9,(2019),OP 168_179,International journal of Advanced Science and Technology.

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14. S.Subatradevi and C. Vennila,"Systolic Array Multiplier for Augmenting Data Center Networks Communication ,Cluster computing:The Journal of Networks, Software Tools and Applications",Springer Verlag, Feb 2018. Published , pp. 113-117, Vol.,2018. , SCI
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28. S.Subatradevi, C.VENNILA, "Modified Architecture For Binary Array Multiplier With Reduced Delay Using Tristate Buffers", Indian Journal Of Science, And Technology, Vol. 8, Issue. 23, Sep 2015, DOI 10.17485/ijst/2015/v8i23/85354 Zoological Record
29. B Suganthi, C Vennila, K Seok-Bum, "A Novel Link Reliable Multipath Routing Protocol for MANET", Asian Journal of Research, pp. 463-478, Vol. 6, Issue. 11, 2016
30. R.SOWMYA POORANI,C.VENNILA, "Congestion Control In Wireless Sensor Networks For Nonstationary Networks For Nonstationary Nodes", International Journal Of Applied Engineering Research, pp. pp.8548-8552, Vol. 10, Issue. 9, March 2015, SCOPUS Impact Factor:0.16

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