

**Dr. Renuga Devi S – List of Publications (last 5 years):**

1. A Comparative Study of Various Classification Techniques to Determine Water Quality Dr. Renuga Devi S and Tharun V.P, 2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT)
2. A Chaos Based Image Encryption Using Tinkerbell Map Functions Krishna P.R and Teja C.V.M.S and Renuga Devi S and Thanikaiselvan V, 2018 Second International Conference on Electronics, Communication and Aerospace Technology (ICECA) , 10.1109/ICECA.2018.8474891
3. A comprehensive analysis of TCP congestion control schemes in wireless mesh networks Unnikrishnan R and Renuga Devi S and Ramesh R and Rajesh A and Varma A.2017 International Conference on Intelligent Computing, Instrumentation and Control Technologies (ICICICT), 10.1109/ICICICT1.2017.8342568
4. ANN Based Rainfall Prediction—A Tool for Developing a Landslide Early Warning System Dr. Renuga Devi S, Dr. Arulmozhivarman P and C. Venkatesh 2017 | Springer International Publishing, 10.1007/978-3-319-53487-9\_20
5. Dynamic Weight Assignment based Vertical Handoff Algorithm for Load Optimization Mrs. Sumathi D, Dr. Velmurugan T and Nandakumar S, 2016 | Indian Society for Education and Environment |10.17485/ijst/2016/v9i37/102119
6. Wireless Sensor node selection strategies for effective surveillance, Gupta V and Kapoor K and Renuga Devi S, 2015 IEEE International Advance Computing Conference (IACC), 2015 IEEE, 10.1109/IADCC.2015.7154840
7. Huffman and Lempel-Ziv based data compression algorithms for wireless sensor networks Renuga Devi S and Nithya Darisini P 2013 International Conference on Pattern Recognition, Informatics and Mobile, 10.1109/ICPRIME.2013.6496521
8. Perimeter coverage using backward and forward greedy algorithm, Renuga Devi S and Rawat A.S and Swaminathan S and Arulmozhivarman P and Selvakumar R , Applied Mathematical Sciences, 2013, Hikari, Ltd, vol 7, pp.3883 - 3896, 10.12988/ams.2013.34203