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PUBLICATIONS:

1. Ankur Singhal, Tarun Singhal, Dinesh Arora, Vinay Bhatia, **Himanshu Sharma**, "Hybrid TWDM Passive Optical system for Next Generation Access Networks", Journal of Critical Reviews, Vol. 7, Issue 19, pp. 796-800, July 2020. (Scopus indexed).
2. M Deivakani, B Neeraja, K Srinivasa Reddy, **Himanshu Sharma** and G Aparna, "Core Technologies and Harmful effects of 5G Wireless Technology", Journal of Physics: IOP Publishing:, doi:10.1088/1742-6596/1817/1/012003, March 2021. (Scopus indexed).
3. L Saravanan, **Himanshu Sharma**, K.N Sreenivasulu, M Deivakani, on "Detection of Software intrusion based on machine learning techniques for IOT Systems", Elsevier - Materials Today: Proceedings, Accepted 7th March, 2021. (Scopus indexed).
4. P Deepika, **Himanshu Sharma**, "Design for Power and Area Efficient Approximate Filters", International Journal of Research and Analytical reviews, Vol. 8, Issue 2, pp. 544-550, June 2021.
5. G Uday Kumar, **Himanshu Sharma**, "Design of Flexible DSP Accelerator architecture exploiting carry-save arithmetic ", Journal of Engineering Sciences, Vol. 12, Issue 6, pp. 723-729, June 2021.
6. Ragi Vanisha, **Himanshu Sharma**, "MGDI based accurate full adders using power efficient adiabatic technique ", Journal of Engineering Sciences, Vol. 12, Issue 6, pp. 216-228, June 2021.
7. Ramesh, **Himanshu Sharma**, "Implementation of Multiply and Accumulate unit using modified feed forward cutset free Pipelined Mechanism ", Journal of Engineering Sciences, Vol. 12, Issue 7, pp. 734-745, July 2021.
8. Ashutosh Kumar Singh, SVN Sreenivasu, U.S.B. K. Mahalaxmi, **Himanshu Sharma**, Dinesh D. Patil, "Hybrid Feature-Based Disease Detection in Plant Leaf Using Convolutional Neural Network, Bayesian Optimized SVM, and Random Forest Classifier", Hindawi - Journal of Food Quality, Vol. 2022, Article ID 2845320, <https://doi.org/10.1155/2022/2845320>, Feb 2022. (SCI/WOS indexed).
9. Goel, Anuj Kumar, and **Himanshu Sharma**, "Simulation Approach for Design and Analysis of Solid Oxide Fuel Cells." In 2022 6th International Conference on Trends in Electronics and Informatics (ICOEI), pp. 233-236. IEEE, 2022.

10. V. Brindha Devi, Nihar M. Ranjan & **Himanshu Sharma** (2022) IoT Attack Detection and Mitigation with Optimized Deep Learning Techniques, Cybernetics and Systems, DOI: 10.1080/01969722.2022.2145660.
11. S. Polepaka, B. Gayathri, S. Ayoub, **H. Sharma**, Y. S. Moudgil and S. Kannan, "Privacy Preserving Encryption with Optimal Key Generation Technique on Deduplication for Cloud Computing Environment," 2022 International Conference on Automation, Computing and Renewable Systems (ICACRS), Pudukkottai, India, 2022, pp. 464-470, doi: 10.1109/ICACRS55517.2022.10029045.
12. Taruna Sharma, Puninder Kaur, Jasmeen Chahal, and **Himanshu Sharma**, "Classification of rice leaf diseases based on the deep convolutional neural network architectures." In AIP Conference Proceedings, vol. 2451, no. 1. AIP Publishing, 2022.
13. Donala Sindhuja, J Harshitha, S Aishwarya Reddy, **Dr. Himanshu Sharma**, "Arduino based firefighting robot with high pressure water sprinkler, International Journal of Techno-Engineering, Vol. 15, issue 2, 2022
14. **Himanshu Sharma**, SK Jani Basha, Anindya Jana, Prasanta Kumar Pradhan, Narsappa Reddy & Jakeer Husain (2023), "Studies on thermal, morphological, electrical conductivity and LPG sensing behavior polyaniline/In₂O₃ nano composites thin films", Ferroelectrics, 613:1, 129-136, DOI: 10.1080/00150193.2023.2215506.