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Last Five Years Publications

1. **Padmavathy T V,** Pravin Kumar M, Shakunthala M, Vimal Kumar M N and Saravanan S**, "A Novel Deep Learning Classifier and Genetic Algorithm based Feature Selection for Hybrid EEG-fNIRS Brain-Computer Interface",** NeuroQuantology, Vol. 18(9), pp 125-134, September 2020.

2. **Padmavathy T V,** Goutham S , Jayanth C S , Karthikayan M , Sadagopal V, "**Design and**

3. Babu, "**Secured Wireless Data Transmission using Encryption and Frequency Hopping Technique",** International Journal of Recent Technology and Engineering (IJRTE), Vol 8,No 4, pp 11263-11268, 2019.

4. , **Padmavathy T V**,T.BlesslinSheeba, S.Jagadeesh Babu, D.S.Bhargava, **"Identification of an Optimized Network Topology for WSN Based on Reliability and Power Efficiency"**International Journal of Innovative Technology and Exploring Engineering,Vol 9, No 1, pp 232-239, 2019.

5. T.BlesslinSheeba, , **Padmavathy T V,** D.S.Bhargava, S.Jagadeesh Babul.,**"Design of Feeding Techniques for SlottedRectangular Microstrip Patch Antenna (RSMA)",**International Journal of Innovative Technology and Exploring Engineering, Vol 9, No 1, pp 328-333, 2019.

6. S.Jagadeesh Babu,D.S.Bhargava ,**Padmavathy T V**, T.BlesslinSheeba, D ThangarajaDhinakaran,**"Impeccable Way of Administering Anesthesia Using Brain Wave Sensor"** International Journal of Innovative Technology and Exploring Engineering, Vol 9, No 1, pp 323-327, 2019.

7. D.S.Bhargava,T.BlesslinSheeba, , **Padmavathy T V**, S.Jagadeesh Babu,**"Extending Lifespan of the Network using Shortest Path Low Latency Routing Protocol (SPLLR) for Wireless Sensor Networks"**International Journal of Innovative Technology and Exploring Engineering, Vol 9, No 1, pp 355-359, 2019.

8. **Padmavathy T V**, P.Venkatesh, D.S.Bhargava, N.Sivakumar, published a paper titled **"Design of I-shaped dual C-slotted Rectangular Microstrip Patch Antenna (I-**

DCSRMPA) for Breast Cancer Tumor Detection" in Cluster Computing, Vol 22, pp 13985–13993, February 2019**. Impact Factor: 2.040**

9. **Padmavathy T V**,D.S.Bhargava, P.Venkatesh, N.Sivakumar, published a paper title**d** **"Design and development of Microstrip Patch Antenna with Circular and Rectangular Slot for Structural Health Monitoring"**in Personal and Ubiquitous Computing, Vol 22,(5), pp 883-893, October 2018.https://doi.org/10.1007/s00779-018-1130-9,April 2018**. Impact Factor: 2.395**

10. **Padmavathy T V**, M.N.Vimalkumar, N.Sivakumar, **"Performance Analysis of Pre-Cancerous Mammographic Image Enhancement Feature using Non-Subsampled Shearlet Transform",** in Multimedia Tool and Applications, pp 1-16, doi.org/10.1007/s11042-018-5951-3, April 2018. Impact Factor: 1.530

11. **Padmavathy T V**, M.N.Vimalkumar, D.S.Bhargava**,** published a paper titled **"Adaptive Clustering Based Breast Cancer Detection with ANFIS Classifier using Mammographic Images"** in Cluster Computing, pp 1–10, doi.org/10.1007/s10586-018-2160-9, March 2018.**Impact Factor: 2.040**

12. **Padmavathy T V**, M.N.Vimalkumar, N.Sivakumar**"Region-Specific Multi-attribute White Mass Estimation-Based Mammogram Classification",** in Personal and Ubiquitous Computing, Vol 22,(5), pp 1093-1098, October 2018.doi.org/10.1007/s00779-018-1135-4. **Impact Factor: 2.395**

13. **Padmavathy.T.V** and Tarun Kumar, "**Design of Rectangle Microstrip Patch Antennawith Edge Feed for Wireless Applications"**, International Journal of Printing, Packaging and Allied Sciences,Vol. 4(6), December 2016.

14. **Padmavathy.T.V** and Raagul S, **"Design of Reconfigurable Microstrip Patch Antenna for Intelligent Vehicular Ad hoc Network Applications",** International Journal of Applied Engineering Research, Vol 10(87), pp.109-112, 2015.

15. **Padmavathy.T.V,**Arunprakash T.V, and Avinash.S, **"Design a U-slottedMicrostrip Antenna for Indoor and Outdoor Wireless LAN",** Australian Journal of Basic and Applied Sciences, Volume 9, Number 15, Pages: 148-154, 2015.