**LIST OF PUBLICATIONS**

**DR. DAVINDER PAL SHARMA**

1. **Books**
2. **Davinder Pal Sharma (2008)**, “Digital Signal Processing”, Kalyani Publishers, New Delhi, India (ISBN-978-81-272-4322-7).
3. **Paper Published in Refereed Journals**
4. Prasad Kalane, Sarika Patil, B. P. Patiland **Davinder Pal Sharma (2021)**,“Automatic Detection of COVID-19 Disease~~s~~ using U-Net Architecture Based Fully Convolutional Network”, ***Biomedical Signal Processing & Control*, Elsevier, Vol. 67, 102518.** <https://doi.org/10.1016/j.bspc.2021.102518>
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2. Rahul M Desai, B P Patil and **Davinder Pal Sharma** **(2017)**, “ [Learning based Route Management in Mobile Ad-Hoc Networks](http://www.iaesjournal.com/online/index.php/IJEECS/article/view/16794)”, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 7, No. 3, Pp. 718-723.
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6. Jamin Atkins and **Davinder Pal Sharma (2016)**, “Visualization of Babble-Speech Interactions using Andrew's Curves,” *Circuits, Systems & Signal Processing*, **Springer**, **USA**, Vol. 35, No.4, Pp. 1313-1331, DOI: 10.1007/s00034-015-0123-4.
7. **Davinder Pal Sharma**, Avatar Baldeo and Cassiel Phillip **(2015),** “Raspberry Pi based Smart Home for Deployment in the Smart Grid,” *International Journal of Computer Applications*, New York, **USA**, Vol. 119, No. 4, Pp. 6-10, DOI: 10.5120/21053-3700.
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Power Pipelined FFT Processor for UWB Communication Systems,” *e - Journal of*

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2. D. Ramganase, R. Ramoutar, J. M. Intosh-Abdool, A. Bleasdell, J. Rooplal, and **D. P. Sharma** **(2020),** “Microbial Fuel Cell- An Alternative Energy Source for Trinidad and Tobago”, Proceedings of The International Conference on Emerging Trends in Engineering & Technology (IConETech-2020), The UWI, St. Augustine Campus, Trinidad and Tobago, June 1-5, Pp. 36-43. <https://doi.org/10.47412/YDQV9793>
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