

FACULTY PROFILE



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Experience:

Industry - 5 yrs

Teaching -18 yrs.

Research – 6 yrs

Research area: VLSI & SDR

Recent Publications:

1. D Sahaya Lenin, Dr.Himanshushekhar, “ Power Optimization in OFDM Reception using RTL-SDR Package”, International Journal of Advance Science and Technology, Vol.29, No. 05,(2020), pp. 10372 – 10387.
2. M. Rajmohan, HimanshuShekhar, “Design of parallel and pipelined DA based OBC FIR filter for software defined radio ”Indonesian Journal of Electrical Engineering and Computer Science Vol. 14, No. 3, June 2019, pp. 1228~1234 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v14.i3.pp1228-1234.
3. M. Rajmohan, Dr.HimanshuShekhar, “ Design of FIR Filter Using High Speed Carry Select Adder for SDR” International Journal of Advanced Science and Technology Vol. 29, No. 5, (2020), pp. 9263-9269.
4. Raj Mohan M, HimanshuShekhar,” Serial Adder Based Multiplication And Accumulation Unit (MAC)” Int. J.Adv.Sig.Img.Sci, Vol. 3, No.1, 2017

5. Durgadevi G, HimanshuShekhar, "Image denoising with hard and soft threshold using wavelet transform in breast cancer images' International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.92 (2015)
6. DurgadeviG ,HimanshuShekhar, " An Effective Two Way Classification of Breast Cancer Images" International Journal of Applied Engineering Research ISSN 0973-4562, Volume 10, Number 21 (2015) pp 42231-42238.
7. Durgadevi G , HimanshuShekhar," Identification of Tumour using K-Means Algorithm "International Journal of Advance Research and Innovative Ideas in Education, ISSN(O): 2395-4396) Volume-1, Issue-5, 2015, pp: 227-231,
8. G.Durgadevi¹, Dr.HimanshuShekhar," Image Denoising With Hard and Soft Threshold Using Wavelet Transform In Breast Cancer Images" International Conference on Researches in Science, Management and Engineering, 2016, IJAER,Print ISSN:0973-4562, ISSN(O): 1087-1090, Special Issue, Volume:10 (92), pp: 307-312, --Scopus

International Conference:

1. M. Abraham , HimanshuShekhar, "Social Spider Optimized Design Configuration of MultibandReconfigurable Antenna for 5G Applications" © Springer Science+Business Media, LLC, part of Springer Nature 2020
2. Jha, A.K., Ambadiyil, S., Shekhar, H., Radon transforms and chaotic mask based image encryption for information security, Springer Proceedings in Physics, 2017
3. Jha, A.K., Shekhar, H " A SDR based trans-receiver for communication of image and video ", . International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 – Proceedings