

1. Archana Sunitha , Bhaskar Manickam, Co-design of on-chip loop antenna and differential class-E power amplifier at 2.4 GHz for biotelemetry applications, Elsevier, Microelectronics, Volume 86, Pages 40–48, <https://doi.org/10.1016/j.mejo.2019.02.015>
2. Arunkumar K R, Bhaskar M, Heart rate estimation from photoplethysmography signal for wearable health monitoring devices, Elsevier, Biomedical Signal Processing and Control, Volume-50, Pages(1-9), 2019, ISSN:1746-8094. DOI-10.1016/j.bspc.2019.01.021
3. Chrisben Gladson, M. Bhaskar, A low power high-performance area efficient RF front-end exploiting body effect for 2.4 GHz IEEE 802.15.4 applications, Elsevier, AEU - International Journal of Electronics and Communications, Volume 96, 2018, Pages 81-92. <https://doi.org/10.1016/j.aeue.2018.09.009>
4. M. Bhaskar , Srinivas Gantasala, B. Venkataramani, Bidirectional differential on-chip wave-pipelined serial interconnect with surfing, Micro System Technologies, Springer, January 2015, DOI 10.1007/s00542-015-2463-1
5. M. Bhaskar and B.Venkataramani, Differential voltage mode transceiver for on-chip global interconnects, Journal of Low Power Electronics, American Scientific Publishers, Vol. 10, N° 2, June 2014.
6. Bhaskar. M, Srinivas Gantasala, Venkataramani. B, Dynamic Self controllable surfing for differential on-chip wave pipeline serial interconnect, WSEAS Transactions on Circuits and Systems, Volume 13, 2014, pp. 117-128
7. Bhaskar. M and Venkataramani. B, Transceiver for Differential Wave Pipe-Lined Serial Interconnect with Surfing, International Journal of Electrical, Electronic Science and Engineering, Vol.8 No.1, pp. 155-162, March 2013.
8. Bhaskar. M, Jaswanth. A and Venkataramani. B, Design of a Novel Differential on-chip Wave-pipelined Serial interconnect with surfing, Elsevier, Microprocessor and Microsystems, 37, pp. 649-660, June 2012.
9. Archana S and Bhaskar M, “A meandered loop antenna-in package with parasitic structure at 2.4 GHz”, IEEE Electrical Design of Advanced Packaging and Systems Symposium (EDAPS), December 2018, Chandīgarh.
10. S. Chrisben Gladson, R. Praveen, M. Bhaskar, “Wideband High Linear Low-Noise Transconductance Amplifier for High-Performance Wireless Applications”, 7th International Conference on Computing, Communication, and Sensor Networks, Kolkata, October 2018.
11. Arunkumar K R , Ram Srivathsa and Bhaskar M , Improved Heart Rate Estimation from Photoplethysmography During Physical Exercise Using Combination of NLMS and RLS Adaptive Filters, IEEE Region 10 Conference (TENCON), Jeju Island, South Korea, October 2018.
12. Lakshmi N S, Bhaskar M, Gyrator-C Based Bandpass Filter with Improved Dynamic Range for Fully Integrated RF Front-end, IEEE Computer Society Annual Symposium on VLSI, ISVLSI, July 2018, Hong Kong, pp 1-5.
13. S. Chrisben Gladson, K. Alekhya, M. Bhaskar, An LNTA based Mixer with Post-Distortion Harmonic Cancellation for 2.4GHz IEEE 802.15.4 Applications, 5th International Conference on Microelectronics, Circuits and Systems, Kolkata, May 2018.
14. S. Chrisben Gladson, K. Alekhya, M. Bhaskar, Low-Power High Linear RF Mixer for 2.4GHz Low-Rate WPAN Applications, 4th IEEE International Conference on Circuits, Devices, and Systems, Coimbatore, March 2018.

15. S. Chrisben Gladson, M. Bhaskar, A Fully CMOS Inductor-less Folded Cascode Double-Balanced Mixer with High Conversion Gain for 2.4GHz WPAN Applications, 1st International Conference on Recent Innovations in Electrical, Electronics, and Communication Systems, Dehra Dun, October 2017.
16. Reishi Kumar, Anamika Sharma, M.Bhaskar, Reference table-based cache design using LRU replacement algorithm for Last Level Cache, IEEE, TENCON 2016, Singapore.
17. Srivignesh Pss and Bhaskar. M, RFID and Pose Invariant Face Verification Based Automated Classroom Attendance System, IEEE, Microcom, January 2016, NIT, Durgapur.