Dr.ANANIAH DURAI.S - ASSOCIATE PROFESSOR - ELECTRONICS AND COMMUNICATION ENGINEERING

<u>VIT - CHENNAI - CHENNAI - 600127</u> 9962084407 - Ananiahdurai.s@vit.ac.in

- 1. Quadruply Split Cross-Driven Doubly Recycled-Doubling Recycled Folded Cascode for Microsensor Instrumentation Amplifiers
- AD Sundararajan, SMR Hasan IEEE Transactions on Circuits and Systems II: Express Briefs 63 (6), 543-547-2016
- 2. Integrated MEMS capacitive pressure sensor with on-chip CDC for a wide operating temperature range YS Charan, AD Sundararajan Nanoelectronic Materials and Devices, 61-79 2018
- 3. Integrated MEMS capacitive pressure sensor with on-chip CDC for a wide operating temperature range YS Charan, AD Sundararajan Nanoelectronic Materials and Devices, 61-79 2017
- 4. A High SNDR and Wider Signal Bandwidth CT $\Sigma\Delta$ Modulator with a Single Loop Nonlinear Feedback Compensation
- SC Sekhar, AD Sundararajan Nanoelectronic Materials and Devices, 81-90 2018
- 5. Gain Doubling Technique For Multi-Recycled Folded Cascode Opamp In Deep Submicron Cmos Technology, MTKA Durai S. ARPN Journal of Engineering and Applied Sciences 12 (23), 6789-6793 December 2017
- 6. Design of Low Power 8T SRAM Array With Enhanced RNM Ravi V Ananiah Durai Sundararajan august 2021
- 7. Design of Combinational Logic Circuits Using Memristor and CMOS Logic Ravi V Ananiah Durai Sundararajan – august 2020
- 8. A Power Efficient Low-Noise Source Degenerated Bio-Potential Amplifier Sudheer raja Venishetty S. Kumaravel , Ananiah Durai Sundararajan Analog Integrated Circuits and Signal Processing 103(6) May 2020
- 9. Side-Channel Attacks on Cryptographic Devices and Their Countermeasures—A Review: Proceedings of ICSICCS-2018 In book: Smart Innovations in Communication and Computational Sciences (pp.209-226) January 2019
- 10. Design of low power and delay SRAM memory for smart vehicles S. Shivhare Ananiah Durai Sundararajan april 2018
- $11.\ Enhancement\ of\ Transconductance\ Using\ Multi-Recycle\ Folded\ Cascode\ Amplifier\ -\ Nanoelectronic\ Materials\ and\ Devices\ (pp.111-122)\ -\ january\ 2018$
- 12. High sensitive absolute mems capacitive pressure sensor in sigemems process for biomedical applications Ananiah Durai Sundararajan , International Journal of Civil Engineering and Technology 8(9):512-519 September 2017
- 13. Elliptic Diaphragm Capacitive Pressure Sensor and Signal Conditioning Circuit Fabricated in SiGe CMOS Integrated MEMS , Ananiah Durai Sundararajan , S. M. Rezaul Hasan , IEEE Sensors Journal 15(3):1825-1837 March 2015