

DR.M.ANTO BENNET B.E., M.E.,PH.D.,
PROFESSOR
DEPARTMENT OF ECE
VEL TECH UNIVERSITY CHENNAI.
EMAIL: dranttobennet@gmail.com.
CELL: 9965576501.

ANNEXURE V
LIST OF PUBLICATIONS (5 YEARS)

SCI Indexed Journals:

1. Anto bennet M, Celine Kavitha & Rajasekhar M. " A pattern analysis based underwater video segmentation system for target object detection "Multidimensional Systems and Signal Processing (SPRINGER),<https://doi.org/10.1007/s11045-020-00721-4>(2020).
2. M Anto Bennet ,S Mohamed Sulaiman & B Jaison "DESIGN OF LOW POWER 16 BIT COUNTER WITH PROGRAMMABLE COMBINATIONAL LOGIC AND INTEGRATED CLOCK GATING USING 16nm TECHNOLOGY" International Journal of Electronics (Taylor & Francis & Informa UK Limited, trading as Taylor & Francis Group) DOI: 10.1080/00207217.2020.1793398 (2020).
3. M. AntoBennet ,A. Simon Prabu , V. Chithambaram , S. Shanmugan . "A review on various CMOS circuit styles" Materials Today (ELSEVIER): Proceedings, <https://doi.org/10.1016/j.matpr.2020.04.858> (2020).
4. M Anto Bennet ,S Mohamed Sulaiman & B Jaison. " Adaptation of counters redundant bits with the provision of dual supply and modified clock gating to favour of low power in VLSI "Indian journal of pure & Applied physics, Vol,58,October 2020,pp.750-757.
5. Dr. AntoBennet, M ,Dr.Mohana sundaram & M.Prakash" A review on carbon nanotube field effect transistors (CNTFETs) for ultra-low power applications", Renewable and Sustainable Energy Reviews(ELSEVIER) , Volume 89, Pages 194-203, March 2018.
6. Dr. AntoBennet, M, Celine Kavitha, Saravanan M"Design of efficient wireless communication system with improved SER using different relay environment ", Cluster Comput SPRINGER Journal, DOI 10.1007/s10586-017-1097-8 ,August2017.
7. Dr. AntoBennet, M, Dr.Mohana sundaram & M.Prakash " An Enhanced Carbon Nanotube field effect transistor for VLSI circuit Designing in nano technology", Journal of Electrical Engineering , VoL:19.1.27, Pages 01-13, MAY 2018.
8. Dr. AntoBennet, M," Implementation Of LTE Advanced Using Different Relay environment In OFDMA System With SER Performance ", Journal of Electrical Engineering , VoL:19.1.27, Pages 01-05, june 2018.
9. AntoBennet, M & JacobRaglend, "Performance and Analysis of Compression Artifacts Reduction for MPEQ-4 Moving Pictures Using TV Regularization Method", Life Science Journal vol. 10, no. 2, pp. 102-110, 2013.
10. Anto Bennet, M, Mohan babu, G, Rajasekar, C & Prakash, P, "Performance and Analysis of Hybrid Algorithm for Blocking and Ringing Artifact Reduction", Journal of Computational and Theoretical nanoscience vol.12,no.1,pp.141-149,2015 .

International Journals(List of Journals):-

- 1.. Dr. Anto Bennet, M “Testing of Error Containment Capability in can Network”, NNGT Int. J. on Networking and Computing, Vol. 2, pp-01-10, Feb 2015
- 2.. Dr. AntoBennet, M “Testing of Brain Tumor Segmentation using Hierarchal Self Organizing Map (HSOP)”, International Journal of Software and Web Sciences, , Issue 11, Volume 01, pp. 64-71-218, February 2015. (Scopus).
3. Dr. AntoBennet, M “Human Machine Interface (HMI) for DC motor drives with self generator”, International Journal of Engineering Business& Enterprises Applications , Issue 11, Volume 2, pp. 171-178, February 2015. (Scopus).
4. Dr. AntoBennet, M “Design of unified power quality Conditioner to improve the power quality problems by using Instantaneous real and reactive power theory”, International Journal of Emerging Technologies in Computational and Applied Science, , Issue 11, Volume 2, pp. 140-147, February 2015. (Scopus).
5. Dr. AntoBennet, M “Development of Deblocking Architectures for block artifact reduction in videos”, International Journal of Applied Engineering Research, Volume 10, Number 09 (2015) pp. 6985-6991, April 2015. (Scopus/Annexure II).
6. Dr. AntoBennet, M “Identification of abnormalities in power distribution and monitoring modern precision agriculture ”, International Journal of innovative Research in technology, Volume 01, Number 10 (2014) pp. 136-141, April 2014.
- 7.. Dr. Anto Bennet, M “Efficient Energy Conservation Algorithm For Mobile Sensor Nodes in Wireless Sensor Networks”, Nautilus Journal Volume 128 Issue 2 No 3, pp 08-15, October 19, 2014. . ISSN NO 0028-1344 (Scopus/AnnexureI),(IMPACT FACTOR 0.574)
- 8.. Dr. AntoBennet, M “Low Power Low Complexity of State Parallel Viterbi Decoder for WiMAX Receiver”, International Journal of Emerging Technologies in Computational and Applied Science, , Issue 12 , Volume 03 , pp 257-260. , May 2015. (Scopus).
9. Dr. AntoBennet, M “Power Optimization Techniques for sequential elements using pulse triggered flipflops”, International Journal of Computer & Modern Technology , Issue 01 , Volume 01 , pp 29-40, June 2015. 41. Dr. AntoBennet, M “Design & Testing of Team Faults Using TH Algorithm”, Middle-East Journal of Scientific Research 23(08): 1921-1929, August 2015 (Scopus/Annexure II).
10. Dr. AntoBennet, M “Performance & analysis of automated removal of head movement artifacts in EEG using brain computer interface”, Journal of Chemical and Pharmaceutical Research 07(08): 291-299, August 2015 (Scopus/Annexure II).
11. Dr. AntoBennet, M “Underwater K-Means Clustering Segmentation Using SVM Classification”, Middle-East Journal of Scientific Research 23(08): 2166-2172, September 2015 (Scopus/Annexure II).
12. Dr. Anto Bennet, M “Performance of Contourlet Transform in Satellite Images Using Image Fusion” International Journal of Innovative Research in Science, Engineering and Technology” Volume 4, Special Issue 11, pp-347-352, September 2015

13. Dr. AntoBennet, M “Performance & Analysis of Encrypted Approach on Speech to Text Converter”, International Journal of Emerging Technologies in Computational and Applied Science, , Issue 14, Volume 01 ,pp. 60-65 November 2015. (Scopus).

14. Dr. AntoBennet, M “DESIGN OF KOCH FRACTAL WITH OCTAGONAL SHAPED SUBSTRATE ANTENNA FOR SUPERWIDEBAND APPLICATION”, International Journal of Applied Engineering Research, Volume 10, Number 87 (2015) pp. 44-47, December 2015. (Scopus/Annexure II).

15. Dr. AntoBennet, M “Performance and analysis of active Handwritten Tamil Character Recognition Using Artificial Neural Networks”, International Journal recent scientific Research, Volume07 (Issue01):8611-8615, January 2016 (Thomson Reuters/Scopus).

16. Dr. AntoBennet, M “Performance and Analysis of Ground-Glass Pattern Detection in Lung Disease based on High-Resolution Computed Tomography”, Indian Journal of Science and Technology, Volume09 (Issue02):01-07, January 2016 (Thomson Reuters/Scopus/ Annexure II).

49. Dr. Anto Bennet, M “Virtual Surrounding face geo casting with guaranteed message delivery for AD-HOC & Sensor Networks ”, Journal of Applied Science Research Volume12 (Issue03):06-13, March 2016 (Scopus/Annexure -II)

17. Dr. Anto Bennet, M “Wireless transmission of electricity using embedded system ”, South Asian Journal of Engineering & Technology, Volume2 (Issue18):78-89, March 2016 . 51. Dr. AntoBennet, M “Design of Tunable Dual-band Antennas for a Carrier Aggregation Systems”, International Journal recent scientific Research, Volume 07 (Issue04):9974- 9978, April 2016 (Thomson Reuters/Scopus).

18. Dr. AntoBennet, M “Design of Dual Band Pattern Diversity Antenna with RFSR”, Advances in Natural and Applied Sciences, Volume 10 (Issue06):182-188, May 2016 (Annexure II).

19. Dr. AntoBennet, M “Performance & Analysis of Radar Cross Section Estimation of Simple Objects in Time Domain”, International Journal of Innovation and Scientific Research, Volume 22 (Issue02):283-292, April 2016 (Annexure I).

20. Dr. AntoBennet, M “Design of TI Shape Rectangular Patch Antenna for Global Positioning System (GPS) Applications”, Middle-East Journal of Scientific Research, Volume 24 ,408-413, May 2016 (Annexure II).

21. Dr. AntoBennet, M “PERFORMANCE & ANALYSIS OF SATELLITE IMAGE PROCESSING USING PANCHROMATIC AND MULTISPECTRAL IMAGES”, International Journal of Recent Advances in Multidisciplinary Research, Volume 03 (Issue05):1456-1462, May 2016.

22. Dr. AntoBennet, M “Performance and Analysis of Automatic Detection Of Ground-Glass Pattern in Lung Disease using High-Resolution Computed Tomography ”, International Journal of Advances in Applied Sciences, Volume04 (Issue03): september2015

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26. Dr.Anto Bennet,M “A novel relay used for fault detection and isolation in distribution networks containing of several DGs ”, International Conference on Electrical and optimization Techniques (ICEE OT)-2016 with IEE catalog “978-1-4673-9939-5/16/\$31.00@2016’(published in IEEE Explore) Scopus.
27. Dr. AntoBennet, M “Performance Analysis of High Efficient CAM Using Parity Bit and Gated Circuits ”, Research Journal of Pharmaceutical, Biological and Chemical Sciences ”,08(01):1220-1228, January 2017 .(Scopus/Annexure II)
- 28.. Dr. AntoBennet, M “VLC Using Single Input Single Output Strategies And Multiple Input Multiple Output Antenna Strategies Through OSDM ”,,IIOAB JOURNAL,Vol08 (Issue02):pp 105-110, February2017 (Scopus/Annexure II).
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30. Dr. AntoBennet, M “On Feature Image Recognition of Melanoma using Nanotechnology Applications28 ”,,Mechanics, Materials Science & Engineering,Vol09 April2017.
31. Dr. AntoBennet, M “Secured Data Transmission Through Image on Optical Steganography Based on Noise ”, Research Journal of Pharmaceutical, Biological and Chemical Sciences ”,08(02):1220-1228, April2017 .(Scopus/Annexure II)
32. Dr. AntoBennet, M “Adaptive Online Performance Analysis of an Fast and Efficient Video Based Tracking Algorithm of Rigid Objects,10.1109/CESYS.2016.7889892, 21- 22 Oct. 2016. © IEEE.
33. Dr. AntoBennet, M “An Efficient Security For Privacy Information Through Hiding Data In Encrypted Compressed Videobit Streams,10.1109/CESYS.2016.7889873, 21-22 Oct. 2016. © IEEE.
34. Dr. AntoBennet, M “On Feature Image Recognition of Melanoma using NanotechnologyApplications”, Mechanics, Materials Science & Engineering, April 2017. Vol 9. doi:10.2412/mmse.82.25.192
35. Dr. AntoBennet, M “Hardware Implementation Of UWB Radar For Detection Of Trapped Victims In Complex Environment”, International Journal On Smart Sensing And Intelligent Systems Special Issue, 236-258, September 2017(Scopus/Annexure II).
36. Dr. AntoBennet, M “Design And Implementation Of Dual-Band Circularly Polarized Antennas Using Stacked Patches”, International Journal On Smart Sensing And Intelligent Systems Special Issue, 87-100, September 2017(Scopus/Annexure II).
37. Dr. AntoBennet, M “Specific Absorption Rate Assessment On Human Head Due To Radiations By Mobile Phone Antenna”, International Journal On Smart Sensing And Intelligent Systems Special Issue, 374-394, September 2017(Scopus/Annexure II)

- 38 .Dr. AntoBennet, M “Design of efficient wireless communication system with improved SER using different relay environment ”, Cluster Comput SPRINGER Journal, DOI 10.1007/s10586-017-1097-8 ,August2017. (Scopus/Annexure I).(SCI INDEXED) (impact factor 1.72)
- 39 .Dr. AntoBennet, M “Design and Implementation of 3D wideband antenna for head imaging systems in Detecting brain tumors”, International Journal of Pure and Applied Dr. M.AntoBennet M.E.,Ph.D., Professor /ECE/VTU 10 | P a g e Mathematics, Volume 115, Issue 6, Pages 165-170, 2017. (Scopus/Annexure II). (Scopus/Annexure II).
40. Dr. AntoBennet, M “Design of Microwave Wearable Antenna for Brain Tumour Sensing System ”, Fronteiras: Journal of Social, Technological and Environmental Science, Volume 06, Special Issue 1, Pages 98-104, 2017 (Scopus/Annexure II).
- 41.Dr. AntoBennet, M “Reduction of outage probability in wireless Optical communication using s-distribution ”, Fronteiras: Journal of Social, Technological and Environmental Science, Volume 06, Special Issue 1, Pages 631-641, 2017. (Scopus/Annexure II).
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43. Dr. AntoBennet, M “ Analysis of BER in multicast MIMO system with Spatial modulation”, Fronteiras: Journal of Social, Technological and Environmental Science, Volume 06, Special Issue 1, Pages 714-723, 2017. (Scopus/Annexure II).
44. Dr. AntoBennet, M” A review on carbon nanotube field effect transistors (CNTFETs) for ultra-low power applications”, Renewable and Sustainable Energy Reviews(ELSEVIER) , Volume 89, Pages 194-203, March 2018. (Scopus/Annexure I).(SCI INDEXED)(impact factor 11.63)
45. Dr. AntoBennet, M,” An Enhanced Carbon Nanotube field effect transistor for VLSI circuit Designing in nano technology”, Journal of Electrical Engineering , VoL:19.1.27, Pages 01-13, MAY 2018. (Scopus/Annexure I).(SCI INDEXED)(impact factor 0.542).
- 46 .Dr. AntoBennet, M “Design of full swing local bitline SRAM architecture Based on FINFET using SVL technique”, ARPN Journal of Engineering and Applied Sciences,pp1807-1812 VOL. 13, NO. 5, MARCH 2018 (Scopus/Annexure II).
47. Dr. AntoBennet, M “A Novel Method To Detect Corrosion In Underwater Infrastructure Using An Image Processing”, ARPN Journal of Engineering and Applied Sciences,pp-2556-2561 VOL. 13, NO. 7, APRIL 2018 (Scopus/Annexure II).
48. Dr. AntoBennet, M “Coupling Effect Of Slotaperture Coupled Microstrip patch Antenna”,IJCTA(International Journal of Control Theory and Applications ,Vol 118 (Issue20):pp 3043-3052, May 2018 (Scopus/Annexure II).
- 49.Dr. AntoBennet, M “Design and simulation of mimo patch antenna in Wearableglass for GPS/WLAN/WIMAX”,IJCTA(International Journal of Control Theory and Applications ,Vol 118 (Issue20):pp 3455-3460, May 2018 (Scopus/Annexure II).
- 50.. Dr.Anto Bennet,M “Stability estimation of a 8t-sram cell using a nonlinear Regression ”, Proceedings of the IEEE 2017 International Conference on Computing Methodologies and Communication (ICCMC), pp-700-707,2017,978-1-5090-4890-8/17/\$31.00 ©2017 IEEEpublished in IEEE Explore) Scopus.

51. Dr. AntoBennet, M,” Implementation Of LTE Advanced Using Different Relay environment In OFDMA System With SER Performance ”, Journal of Electrical Engineering , VoL:19.1.27, Pages 01-05, june 2018. (Scopus/Annexure I).(SCI INDEXED)(impact factor 0.542).
52. Dr.Anto Bennet,M “Parameter Estimation of Carbon Nano Tubes Field Effect ransistor (CNFET) using Whale Optimization Algorithm ”, Proceedings of the IEEE 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing Dr. M.AntoBennet M.E.,Ph.D., Professor /ECE/VTU 11 | P a g e (ICECDS-2017) pp-3053-3058,2017, 978-1-5386-1887-5/17/\$31.00 ©2017 IEEE (published in IEEE Explore) Scopus.
53. Dr. AntoBennet, M “Coupling effect of slot aperture coupled Microstrip patch antenna ”, International Journal of Pure and Applied Mathematics, Volume 118, Issue 20, Pages 3043-3052, 2018. (Scopus).
54. Dr. AntoBennet, M “Performance & Analysis of Average Power Constrained Cognitive Radios with Robust MIMO Antennas “, International Journal of Pure and Applied Mathematics , Volume 118, Issue 20, Pages 2829-2837, 2018. (Scopus).
55. Dr. AntoBennet, M “Design and simulation of MIMO patch antenna in Wearable glass for GPS/WLAN/WIMAX “, International Journal of Pure and Applied Mathematics , Volume 118, Issue 20, Pages 3455-3460, 2018. (Scopus). 91. Dr. AntoBennet, M “Passive reconfigurable triple-wideband antenna for LTE Tablet computer “, International Journal of Pure and Applied Mathematics , Volume 119, Issue 15, Pages 119-136, 2018. (Scopus).
56. Dr. AntoBennet, M “Design and Implementation of RectangularMicrostrip Patch Antennas for Biomedical Applications “,International Journal of Recent Technology and Engineering (IJRTE), Volume 07, Issue 6S3, Pages 170-176, 2019(Scopus).
57. Dr. AntoBennet, M "A pattern analysis based under water video segmentation system for target object detection" Multidimensional Systems and Signal Processing <https://doi.org/10.1007/s11045-020-00721-4> (SCI INDEXED) SPRINGER.
58. Dr. AntoBennet, M " A review on various CMOS circuit styles" Materials Today: Proceedings (ELSEIVER) 10.1016@j.matpr.2020.04.858(SCI INDEXED) 95. Dr. AntoBennet, M "Sensor Based Automatic Irrigation for Computer Crops Water Requirements using Robotic Technology " International Journal of Control and Automation Vol. 13, No. 4, (2020), pp. 298 - 304 (SCOPUS).