

Dr. V. PRABHU

Associate Professor

Department of Electronics and Communication Engineering
Vel Tech Multitech Dr. Rangarajan Dr. Sakunthala Engineering College,

prabhu.cvj@gmail.com

9840110712

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

- Prabhu.V., Kuppusamy, P.G., Karthikeyan, A., R. Varatharajan. (2019), "Evaluation and analysis of data driven in expectation maximization segmentation through various initialization techniques in medical images", Multimedia Tools and Application, Springer, Vol 77, Issue 8, pp 10375–10390 <https://doi.org/10.1007/s11042-018-5792-0>

Prabhu .V, P. G. Kuppusamy, A. Karthikeyan & M. Sucharitha2 (2018), "A novel approach for non-invasive measurement of mean arterial pressure using pulse transit time", Multimedia Tools and Applications, Springer <https://doi.org/10.1007/s11042-018-6971-8>.

- Kavitha, A, Prabhu.V, Ruban Thomas D, Banupriya D, Dharanya S and Roobini M., (2018) "A Design of Multichannel Data Transmission through Power Line Communication," in International Journal of Engineering & Technology (UAE), Vol 7, No 2.24, pp. 4-7, ISSN: 2227-524X, Science Publishing Corporation.

- Prabhu.V, D RubanThomas, Bibin M R," Microcontroller Based Book

Management System Using Near Field Communication and Fingerprint with Server Technology, International Journal of Engineering and Advanced Technology", DOI: 10.35940/ijeat.F8984.088619, ISSN: 2249 – 8958, Volume-8 Issue-6, August 2019.

- Prabhu.V, S.Gayathri, V.Mythreyee, C.Selvi, "Human Body Motion Control For Humanoids And Bipedal Robots, International Journal of Pure and Applied Mathematics, Volume 119 No. 15 2018, 705-713. ISSN: 1314-3395.

- Prabhu.V, M.Haritha, T.Kavitha, G.Bhavadharni,"GPS based autonomous vehicle Navigation in robotics along With directionality", International Journal of Pure and Applied Mathematics, Volume 119 No. 15 2018, 1603-1612 ISSN: 1314-3395.
- Prabhu .V,Ruban Thomas D,Nancy W ,,"Analysis of Solar Cooking Thermal Images Using Fuzzy Technique in Image Processing",International Journal of Pure and Applied Mathematics, Volume 117 No. 8 2017, 133-137, ISSN: 1311-8080.
 - Bhuvana R.,Prabhu.V.,Dr.P.G.Kuppusamy and Bibin M. R,"Content Addressable Memory performance Analysis using NAND Structure FinFET",Global Journal of Pure and Applied Mathematics. ISSN 0973-1768 Volume 12, Number 1 (2016), pp. 1077-1084.
 - V. Prabhu and G. Gunasekaran,"Fuzzy Logic based NAM Speech Recognition for Tamil Syllables" ,Indian Journal of Science and Technology, Vol 9(1), DOI: 10.17485/ijst/2016/v9i1/85763,ISSN (Online) :0974-5645.January 2016.
 - Silambarasi.R,Prabhu.V,JebasinghKirubakaran.S.J,MohammedAbbas,"De sign and Analysis of Single Photonic Devices For An Inverter Application Using SilvacoTcad", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 4 (2015) pp. 11221-11228.
 - Dr. P. G. Kuppusamy , Prabhu.V, B. G. Gopal ,,"Specific Absorption Rate (SAR) Assessment and Measurement of Temperature Change On Human Head Due To Radiations by Mobile Phone Antenna", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 16 (2015) pp 36466-36470.
 - Prabhu.V,A.SanjeevKumar,Dr.G.Gunasekaran ,,"Optimization of NAM SpeecRecognition System using Low Power Signal Processor" ,International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 17 (2015).
 - Jency Rubia J, Prabhu.V, Gopal B.G, "Analysis, Design and Implementation of 4-Bit Full Adder using FinFET", Journal of Convergence Information Technology (JCIT), Volume 10, Number 2, March 2015.

- Mr.A.Sajeevikumar, Dr.G.Gunsekara,Mr.V.Prabhu, "Advance Microcontroller Bus Architecture Based System on Chip Platform to Minimize Energy Consumption in Portable Devices",International Journal of Emerging Research in Management &Technology, ISSN: 2278-9359 (Volume-3, Issue-5), May 2014.
- Girish Kumar B, Prabhu V, Siva Prasad T, Ruban Thomas ,"Design and Implementation of FPGA Based Efficient Data Transmission Using Verilog", International Journal of Emerging Technology and Advanced Engineering , ISSN 2250-2459, Volume 3, Issue 11, November 2013.
- P.Hemnath ,V.Prabhu,"Compression of FPGA Bitstreams Using Improved RLE Algorithm", International Journal of Scientific & Engineering Research, ISSN 2229-5518 ,Volume 4, Issue 6, June-2013.
- MohanaKumari R.S, Sivanthiram C.S, Prabhu V, Ruban Thomas,"Address Remapping in Arithmetic Functions using ROM Based Approximation Approaches", International Journal of Engineering and Innovative Technology (IJEIT), ISSN: 2277-3754, Volume 3, Issue 6, December 2013.
- Prabhu.V,Panimalar.S, RubanThomas.D,JebaSinghKirubakaran.S.J," The Design of PTAT Voltage Generator Using SCM and ACM", International Journal of Emerging Technology and Advanced Engineering,ISSN 2250-2459, Volume 3, Issue 12, December 2013.
- V.Prabhu, R.Rarnachandran,"High Performance in Network-on-Chip Using Efficient Routing",International Conference on Communication Control and Computing Technologies, 2010 978-1-4244-7770-8 , 978-1-4244-7768-5.
- C.Archanadevi,V.Prabhu ,"DVTS Approach to Digital CMOS Circuits for Decreasing total Power Consumption", International Conference on Information Communication and Embedded Systems (ICICES), Published in IEEE explore2013.
- S.Divyaprabha,V.Prabhu,"Optimal Approach for Real time Continuous Speech Recognition System",International Conference on

Information Communication and Embedded Systems (ICICES),Published
in IEEE explore 2013.