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Publications of Dr. A.Muruganandham

JOURNALS

- 1) **Muruganandam**, Nithish Reddy S, Manohara K, Manoj K, Prithviraj G S "Smartration Dispensing System Using Biometrics" IJIEMR Vol 08 Issue06, Jun 2019 ISSN 2456 5083
- 2) **Muruganandham**, Senthil Kumar; S. Ravindrakumar; N.S.Gowri Ganesh "FINFET Operational Amplifier With Low Offset Noise And High Immunity to Electromagnetic Interference" is under review in Microsprocessor and microsystems of Elsivier Journals, September issue.(SCI INDEX) (Impact Factor: 1.43)
- 3) Veena H. N., **Muruganandham A.**, and T. Senthil Kumaran "Coin recognition using texture feature based on SPLM and SGLDM algorithm" AIP Conference Proceedings 2039, 020047 (2018); https://doi.org/10.1063/1.5079006, American Institute of Physics. (Scopus Index)
- 4) **Muruganandham**, V. Sujatha, and R. Mukesh, 2016. DT-CWT and IFS Based Fractal Image Compression. AsianJournal of Information Technology, 15: 3640-3648..DOI: 10.3923/ajit.2016.3640.3648
- 5) **A. Muruganandham**, R. Mukesh, K. Lingadurai and U. Selvakumar, 2016. Performance Study of Kriging Based Surrogate Models. Asian Journal of Information Technology, 15: 3134-3152DOI: 10.3923/ajit.2016.3134.3152
- 6) **Muruganandham.A**, S.P.Arya, DESIGN AND IMPLEMENTATION OF EC BASED CRYPTOSYSTEM ON FPGA, IJAICT Volume 1, Issue 2, June 2014 Doi:01.0401/ijaict.2014.02.11 Published Online 05 (06) 2014.
- 7) **Muruganandham.A**, GreeshmaVijayan, "Design and Implementation of Stream Cipher Key Exchange in FPGA"International Journal of Engineering Research and Technology(E-ISSN 2278-0181) Volume. 3, Issue. 05, May 2014. (Scopus Index)

- 8) **Muruganandham.A**, Prakash R., "A NOVEL MODEL REFERENCE INTELLIGENT ADAPTIVE CONTROL USING NEURAL NETWORK AND FUZZY LOGIC CONTROLLER" Journal of Theoretical and Applied Information Technology (E-ISSN 1817-3195 / ISSN 1992-8645). 10 April 2014 Vol. 62. No. 1 2014 (Scopus Index)
- 9) **Muruganandham.A**, Prakash R., "Design and Implementation of Fuzzy Logic based Intelligent Adaptive Speed Control for DC Motor" Australian Journal of Basic and Applied Sciences(AJBAS) ISSN 1991-8178 JAN 2014. Impact Factor: 0.703

CONFERENCES

- 1) Gireesh.HR, **A.Muruganandham** "A survey on usage of FMRI Technique in BCI" at International Conference on Innovations in Computing and Networks in RRCE, Bangalore, with CSI during 12th -13th MAY 2016.
- 2) R. Mukesh,,**Dr.A. Muruganandham**, Dr. K. Lingadurai ,U.Sivasathya "On the use of Kriging based Surrogate Model for NACA 0012 Airfoil Shape Optimization". At GDTAME 2016 JEPPIAAR ENGINEERING COLLEGE, Chennai 30 & 31 March 2016.
- 3) Dr. K. Lingadurai , **Dr. A. Muruganandham**, Dr. R. Mukesh "Airfoil Design Optimization and its Validation using Wind Tunnel and Numerical Simulation" Proceedings of ICAME 2015 Anna University College of Engineering, Villupuram, Tamil Nadu, India.