PUBLICATIONS DETAILS

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JOURNAL PUBLICATIONS

Author Name(s)	Title of the Paper	Name of the Journal	Publication year	ISSN/DOI/URL
M. Senthilkumar, Ambrish V, Harshini A, Abilash C, Haricharann DV	Hybrid Power Generating System Using Solar PV and Vertical Axis Wind Turbine with Automatic Street Light Control in Roadways	International Journal of Advance Science and Technology	Vol. 29, No. 10S, (2020), pp. 7441-7445	http://sersc.org/journals/index.php/IJAST/article/view/23706
K. Lakshmi T. Kesavan R. Kavin S. SheebaraniGnanamalar M. Senthilkumar V. Gomathy	Quick Search Optimization Algorithm-Based Implementation of Virtual Power Plant for Distribution Network	Advances in Smart System Technologies	pp 261-272 August 2020	https://link.springer.com/chapter/10.1007/978-981-15-5029-4_21
M. Senthilkumar and N.Loganathan	PV based high level hybrid multilevel inverter	IOP Conf. Series: Materials Science and Engineering	pp. 1 – 9, October 2019.	DOI:10.1088/1757-899X/623/1/012006
M.Senthilkumar, Dr.P.S.Periasamy	Contourlet transform and adaptive neuro-fuzzy strategy–based color image	Measurement and Control	Jan 2020	DOI: 10.1177/0020294019878873

	watermarking			
M.Senthilkumar, Dr.P.S.Periasamy	Curvelet transform based visible colour image Water marking technique using VLSI	Asian Journal of Information Technology	Vol. 15, No.23, pp. 4820-4827, 2016	DOI: 10.3923/ajit.2016.4820.4827
Senthilkumar, M Mohana priya, M	Neuro Fuzzy Algorithm for Invisible Watermarking in Color Images	International Journal of Applied Engineering Research	Vol. 10, No.5, pp. 4755-4757, 2015	ISSN 0973-4562
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Senthilkumar, M Deepa, M.	Separable Encrypted Colour Image Watermarking using VLSI	International Journal of Communication and Computer Technologies	Volume 02 – No.01 Issue: 02 Feb 2014	https://www.scribd.com/document/207136763/Separable-Encrypted-Colour-Image-Watermarking-Using-VLSI ISSN: 2278 - 9723
Senthilkumar, M Uma, S	High Speed 3d DWT VLSI Architecture for Image Processing Using Lifting Based Wavelet Transform	International Journal of Communication and Computer Technologies	Volume 01 – No.36, Issue: 05 May 2013	https://pdfs.semanticscholar.org/31c7/1152435fd9b1f813325ca1eb8e07b79a8e8a.pdf ISSN: 2278 - 9723

CITATION DETAILS:

Google Scholar/ Scopus/WoS Citations: 21
h-index : 01
i-index : 01

CONFERENCE PUBLICATIONS

- **Senthilkumar, M.**Kalimathi, S., Karthik Rajan, M. and Kathiravan, T.. " No Queue Billing Purchase System" in the International Conference on Recent Innovations in Engineering, Technology and Management at Nandha Engineering College,Perundurai on 23rdMarch 2018.

- **Senthilkumar, M.** and Swathi, P. "FPGA Implementation of visible image watermarking using Secure Hash Algorithm (SHA -256)", 5th IEEE international conference on communication and signal processing atAdhiparasakthi Engineering College, Melmaruvathur on 26th to 28th April 2016.

- **Senthilkumar, M**. and Mohana priya, M. "Neuro Fuzzy Algorithm For Invisible Watermarking In Color Images", International conference on Electrical, Instrumentation and Communication Engineering – Recent Trends and Research issuses at Sri Krishna Institutions, Coimbatore on 2nd and 3rd January 2015.

- **Senthilkumar, M.,**Sabarinathan, E. and Periasamy, P.S. "FPGA Implementation Of Real Time Visual Detection And Matching", International conference on Recent Trends in Information and Communication at Christian College of Engineering and Technology on 26th to 28th February 2015.

- **Senthilkumar, M.,**and Sabarinathan, E. " An Embedded System On-Chip Architecture for Real Time Visual Detection and Matching" in the National Conference on Futuristic Computing and Communication Technologies,Perundurai on 27th March 2015.

- **Senthilkumar, M.,** and Deepa, M., "Separable Encrypted Colour Image Watermarking using VLSI", International Conference on Innovations in Information, Embedded and Communication Systems at Karpagam College of Engineering on 13th and 14th March 2014.

- **Senthilkumar, M.,** "GSM and GPS Based Bus Arrival Identification and Accident Prevention" in the National Conference on Emerging Trends in Electronics and Communication Engineering at J.K.K.Munirajah College of Technology, Gobi on 15th March 2013.

- **Senthilkumar, M.,** and Sadeeshkumar. C . "A high-performance Two Stage Virus Detection Processor for Embedded Network Security", International Conference on Emerging Trends in computer and communication Technologies at Maria College of Engineering and Technology, Kanyakumari on 16th to 18th February 2012.

- **Senthilkumar, M.,**Sowmiya Devi, R. and Rajesh Kumar, R. " Heart Beat Monitoring System using Smartphone" in the National Conference on Recent trends in Communication, Computation and Security at Christian College of Engineering and Technology, Oddanchatram on 9th March 2012.

- **Senthilkumar, M.** and Gowri Shankar, C. " Optimum Filter Design for Medical Image Noise Removal" in the National Conference on Innovations in Computing Techniques at Mahendra Engineering College, Namakkal on 9th April 2009.

BOOK CHAPTER PUBLICATIONS				
Author Name(s)	**Title of the Book/Chapter**	**Name of the Publisher**	**Year of Publication**	**ISBN/URL**
Senthilkumar M Loganathan N Kesavan T	FPGA Implementation of PV Based Hybrid Multilevel Inverter	LAMBERT Academic Publishing	2018	ISBN: 978 -3-659-94719-3
Suresh K P Pandiyan P Senthilkumar M	Photovoltaic Based Multilevel Inverter for Grid system	LAMBERT Academic Publishing	2018	ISBN: 978-613-9-91324-4

PATENT PUBLICATIONS				
Author Name(s)	**Title of the Patent**	**Application No.**	**Status of Patent (Published / Filed)**	**Year**
Dr.K.C. Ramya Dr.S.Sheeba Rani S.Sivaranjani L. Udayakumar M. Senthilkumar	Intelligent Energy Telemetry unit for monitoring using RFID	201841045376 A	Published	2018
N. Loganathan, Dr. K. Lakshmi, M. Senthilkumar, A. MAbdhulkaderJeylani,	SMART WALKING STICK	201941045736 A	Published	2019

T. Malini, A.Selvanayakam				