

**Dr.Mahalingam College of Engineering and Technology
Pollachi-642003**

**Department of Electronics and Communication Engineering
Publication in National/International Journal & Book Publications**

July 2019 to June 2020

Sl. No	Name of Faculty	Title of the Paper	Journal Details	Details	
1.	Saranya S Vijeyakumar K.N	VLSI implementation of reversible logic gates cryptography with LFSR key	Microprocessors and Microsystems, Vol.69 (2019), pp.68–78, https://doi.org/10.1016/j.micpro.2019.05.015	Year of Publication	June 2019
				Impact Factor	1.045
				Indexing	Web of Science,Scopus SCI,SCI Expanded
2.	K. Sakthisudhan, N.Saravanakumar S. Mohanraj	Smart Agriculture System Based On Intel Galileo For Detection Of Cultivable Crops And Implemented On Soil Nutrients	International Journal of Innovative Technology and Exploring Engineering, Vol 8,No.9, pp.98-102,ISSN 2278-3075 (online)	Year of Publication	July 2019
				Impact Factor	-
				Indexing	Scopus
3.	N.Saravanakumar K. Sakthisudhan, K.N.Vijeyakumar S.Saranya	Design and Implementation of reduce power energy efficient binary coded Decimal Adder	International Journal of Reconfigurable and Embedded Systems, Vol.8,No.3,November 2019,pp.185-193. ISSN:2089-4864	Year of Publication	Nov 2019
				Impact Factor	-
				Indexing	Scopus
4.	Gnanambikai PVijeyakumar K.N Kalaiselvi S	Area-efficient parallel adder with faithful approximation for image and signal processing applications	IET Image processing, Vol.13,No.13, pp. 2587 – 2594 10.1049/iet-ipr.2019.0580 Print ISSN 1751-9659, Online ISSN 1751-9667	Year of Publication	Nov 2019
				Impact Factor	2.004
				Indexing	Web of Science, Scopus SCI,SCI Expanded

5.	R. Sudhakar V.K.Sudha	Priority-based trimmed median filter for removal of high density salt and pepper noise	International Journal of Advanced Intelligence Paradigms, Vol.14, No.1/2, pp.3-13. E-ISSN:1755-0394 P-ISSN: 1755-0386	Year of Publication	Nov 2019
				Impact Factor	-
				Indexing	Scopus
6.	C. Kalamani	Design of Differential LNA and Double Balanced Mixer using 180 nm CMOS Technology	Microprocessors and Microsystems, Vol.71, 2019. https://doi.org/10.1016/j.micpro.2019.102850	Year of Publication	Nov 2019
				Impact Factor	1.045
				Indexing	Web of Science, Scopus SCI, SCI Expanded
7.	B.Kannapiran	Amalgamation of Clustering and Meta-heuristic Optimization Techniques for Automated MR Brain Analysis	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.9, No.2S2, pp. ISSN: 2278-3075, pp.642-647.	Year of Publication	December 2019
				Impact Factor	-
				Indexing	Scopus
8.		Design and Implementation of Fuzzy Logic based Single Phase Inverter using FPGA Controller	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4S2, pp.413-417.	Year of Publication	December 2019
				Impact Factor	-
				Indexing	Scopus
9.	Saravanakumar G, Baalachandar C V.Mohaideen Abdul Kadhar K	Environmental Condition Monitoring System of Textile Industry for Sustainable Development Goal	International Journal of Innovative Technology and Exploring Engineering, Volume-9 Issue-2S2, pp.986-991, ISSN: 2278-3075	Year of Publication	December 2019
				Indexing	Scopus

10.	A.Senthilvel K.N.Vijeyakumar B.Vinothkumar	FPGA Based Implementation of MPPT Algorithms for Photovoltaic System under Partial Shading Conditions	Microprocessors and Microsystems, Available online 30 January 2020, 103011,Volume 77, 2020,103011, ISSN 0141-9331, https://doi.org/10.1016/j.micpro.2020.103011	Year of Publication	Jan 2020
				Impact Factor	1.045
				Indexing	Web of Science, Scopus SCI,SCI Expanded
11.	Parthiban D S.Dinesh Kumar K.Suresh Kumar S.ArunPrasanth	Design and Analysis of Conducting Polymer based Microstrip Patch Array Antenna for Wi-Max Applications	International Journal of Advanced Science and Technology, Vol. 29, No. 03, (2020), pp. 4609 – 4614, E-ISSN:2207-6360	Year of Publication	Mar 2020
				Indexing	Scopus
12.	K.R.GokulAnand, N.Rajalakshmi, S.Karthik.	Hydroponics a Sustainable Agriculture Production System	International Journal of Innovative Technology and Exploring Engineering (IJITEE),Vol.9,No.6 ISSN: 2278-3075	Year of Publication	April 2020
				Indexing	-
13	T.Sathiyapriya V.Gurunathan	Design of Rectenna for RF Energy Harvesting inLow power IoT devices	Journal of Critical Reviews, Vol 7, No.12, PP. 2127-2136,ISSN- 2394-5125	Year of Publication	April2020
				Indexing	Scopus
14	Deepika S KavyaSree G Sugunavathy S	Design of Wearable Microstrip Patch Antenna for Patient Monitoring	International Journal of Innovative Research in Science, Engineering and Technology, e- ISSN: 2319-8753, p-ISSN: 2320-6710 Volume 9, Issue 5, pp.2833-2839,May 2020	Year of Publication	May 2020
				Indexing	Scopus