

Sreenivasa Institute of Technology and Management Studies

(Autonomous - NAAC Accredited)

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Number of Papers Published in Journals- ECE

Sl.No	Year	Name of the faculty	International Journal Publication	ISSN number	DOI/Weblink
1	2021-22	Dr.M.Saravanan	Applying PBL to a Course on Measurements & Instrumentation - Case Study of Speed Sensing, Journal of Engineering Education Transformations, Volume 35 , No. 1 , July 2021.	2394-1707	
2		M. Saravanan, S. Vijayakumar, K. Gopi	DESIGN OF LESS SWITCHING POWER 10T SRAM USING HALF VDD PRECHARGE FOR RBL LEAKAGE, International Journal of Research, Volume 09 Issue 01 January 2022	2348-795X	https://edupediapublications.org/journals
3		S. Vijayakumar, K. Gopi, M. Saravanan	THE AREA AND POWER UTILIZATION ARE CONDENSED BY RECONSTITUTION FLIP-FLOPS WITH PULSED LATCHES, International Journal of Research, Volume 09 Issue 01 January 2022	2348-795X	https://edupediapublications.org/journals
4		Y.RavikiranVarma, S.Vijayakumar, K.Gopi and M.Saravanan	TWO SPEED RADIX-8 SERIAL PARALLEL BOOTH MULTIPLIER USING SQRT CARRY SELECT ADDER, International Journal of Advanced Research in computer science and Engineering Technologies, 2022	2454-9924	
		Dr.S.Vijaya Kumar	LEVEL-UP/LEVEL-DOWN VOLTAGE LEVEL SHIFTER FOR NANO-SCALE APPLICATIONS, Journal of Engineering Science and Technology Vol. 17, No. 1 (2022) 0745 - 0759	0745 - 0759	
		Mr.M.Mohan Babu	Comparative Analysis on Skin Cancer diagnosis using Deep Learning Neural Networks, xllkogretim Online - Elementary Education Online,2021; Vol 20 (Issue 1): pp.3061-3066	1305-3515	doi: 10.17051/ilkonline.2021.01.343

		Mr.G.Munirathnam	A NOVAL APPROACH OF POWER REDUCTION IN MULTIPLEXER DESIGN, Journal of Interdisciplinary Cycle Research, Volume XIII, Issue VII, July/2021, pp. 654-659.	0022-1945	
		Mr.G.Munirathnam	AN EFFICIENT DESIGN OF OPTIMIZED LOW POWER DUAL MODE LOGIC FOR FULL ADDER DESIGN, Journal of Interdisciplinary Cycle Research, Volume XIII, Issue VII, July/2021, pp. 1136-1141	0022-1945	
	2020-21	Dr.S.Vijaya Kumar	Jagadeesan D., Badrinath N., Vijayakumar S., Asha G., Magesh S., "Pervasive computational model and wearable devices for prediction of respiratory symptoms in progression of COVID-19", International Journal of Pervasive Computing and Communications – IJPCC (Emerald Publishing Limited), accepted on 8th July 2020, 16(4), DOI 10.1108/IJPCC-07-2020-0077 (Web of Science & Scopus).		10.1108/IJPCC-07-2020-0077
		Dr.C.Kavitha	Study of diesel fuel multiple injection characteristics using shadow-graphic imaging technique with CRDI system in constant volume chamber , Fuel, Vol 279, (1), Nov 2020		https://en.x-mol.com/paper/article/1275282942109184000
		Dr.K.Gopi	REGION OF INTEREST BASED NOVEL CODING TECHNIQUE FOR EFFICIENT COMPRESSION AND TRANSMISSION, Palarch's Journal of Archaeology of Egypt/Egyptology 17(7), 5657-5669. ISSN 1567- 214x, Nov 2020		https://archives.palarch.nl/index.php/iae/article/view/2742
		K.Yogaprasad	REGION OF INTEREST BASED NOVEL CODING TECHNIQUE FOR EFFICIENT COMPRESSION AND TRANSMISSION, Palarch's Journal of Archaeology of Egypt/Egyptology 17(7), 5657-5669. ISSN 1567- 214x, Nov 2020		https://archives.palarch.nl/index.php/iae/article/view/2742
		V.G.Hamsaveni	Green synthesis of α - Fe2O3 nanoparticles using murraya koenigii extract, Solid state technology, 63(4), 2020		http://solidstatetechnology.us/index.php/JSST/article/view/2269
		K.M.Hemambaran	REGION OF INTEREST BASED NOVEL CODING TECHNIQUE FOR EFFICIENT COMPRESSION AND TRANSMISSION, Palarch's Journal of Archaeology of Egypt/Egyptology 17(7), 5657-5669. ISSN 1567- 214x, Nov 2020		https://archives.palarch.nl/index.php/iae/article/view/2742
		G.Erna	A Novel FPGA Implementation of Error Reduction in 8,16 and 32-Bit Scalable Approximate Rounding Based TOSAM (3,7) and (4,8) Multiplier, International journal of future generation communication and networking 11(13), 1191-1205, 2233-7857	2233-7857	

		K.Naveena	Implementation of Autonomous sensor- based E-waste monitoring System, Biosc.biotech.Res comm, vol (14), no.09, 2021	2321-4007	
	2019-20	Dr.M.Saravanan	Srihari Mandava Praveen Kumar Medarametla Abhishek Gudipalli M Saravanan P Sudheer, Integration of AI with reduced order generalized integrator controller for power system harmonic reduction, Computational intelligence, May 2020.	1467-8640	https://www.scopus.com/sourceid/23737
		Dr.M.Saravanan	Sudheer P,Saravanan M,Ashmad S,Mohan Babu M,Abhishek Gudipalli, Performance Improvement In 100kw Photovoltaic Grid Connected System With Firefly Intelligent Method Under Constant, Different Irradiation And Temperature Conditions, IJAST	2207-6360	https://www.scopus.com/sourceid/21100829147
		Dr.M.Saravanan	Abhishek Gudipalli,Srihari Mandava,Sudheer P,Saravanan M,Hybrid Colour Infrared Image Edge Detection Using RGB-YCBCR Image Fusion, IJAST	2207-6360	https://www.scopus.com/sourceid/21100829147
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		Dr.Y.Murali Mohan Babu	Implementation of data logger for live tracking of vehicle parameters using GSM-GPS for security, IJITEE, 9(2), Dec 2019	2278-3075	https://www.scopus.com/sourceid/21100889409
		Dr.Y.Murali Mohan Babu	Y. Murali Mohan Babu, K. Radhika & G.Chinna Narasimhulu, An analysis of a block matching method on different bands of monochrome images, IJAST	2207-6360	https://www.scopus.com/sourceid/21100829147
		Dr.S.Vijaya Kumar	High speed, Low area exact speculative carry look ahead adder using MGDI Technique, IJEAT, 8(6), Aug 2019	2249-8958	https://www.scopus.com/sourceid/21100899502
		Dr.S.Vijaya Kumar	FPGA based performance analysis of Multistage CIC Decimation filter design with former CIC filter for WiMax Applications, IJEAT, 8(6), Aug 2019	2249-8958	https://www.scopus.com/sourceid/21100899502
		Dr.C.Kavitha	C.Kavitha,K.Karthika,V.G.Hamsaveni,B.Supriya,B.M.R.Manasa,Identification and Classification of Defects at Different Leather Processing Stages Using Vision Based System, IJAST	2207-6360	https://www.scopus.com/sourceid/21100829147
		Dr.C.Kavitha	V G Hamsaveni,T Monesh Kanth,C.Kavitha,N.Keerthi,G.Mounika,IoT Architecture For Water Leakage In Tunnel Analysis And Monitoring Using Cloud Platform, IJAST	2207-6360	https://www.scopus.com/sourceid/21100829147

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