



PRATHYUSHA ENGINEERING COLLEGE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
LIST OF PAPER PUBLICATIONS IN INTERNATIONAL JOURNAL
ACADEMIC YEAR 2021-2022

S. No	Name of Author	Title of the Paper	Name of the International Journal	Year of publication	Vol No.	Issue No.	Page No.	ISSN No.	h index/ Impact Factor	URL / Digital object identifier (D.O.I)
1	Dr S Arun	Achieving United Nations Goals Throughout the Youth Leadership	Turkish Online Journal of Qualitative Inquiry (TOJQI)	July 2021	12	3	2859 - 2883	1309-6591	-	https://www.researchgate.net/publication/353202261_Achieving_United_Nations_Goals_Throughout_the_Youth_Leadership
2	Dr Anitha K	Control, synchronization with linear quadratic regulator method and FFANN-based PRNG application on FPGA of a novel chaotic system	European Physical Journal: Special Topics	11.06.21	-	-	-	1915-1931	2.707	https://link.springer.com/article/10.1140/epjs/s11734-021-00178-x
3	Dr. K Anitha	Local and Network Behavior of a Bistable Vibrational Energy Harvester Considering Periodic and Quasiperiodic Excitations	Europe PMC (SCI)	07.06.21	-	-	-	2693-5015	-	https://doi.org/10.1063/5.0054459

4	Dr. K Anitha	Dynamic Behaviour of a New Chaotic System with One Stable Equilibrium	Mathematics-MDPI	13.12.21	-	-	-	2693-5015	-	https://doi.org/10.3390/math9243217
5	Dr. K Anitha	Controlling chaos and suppressing chimeras in a fractional-order discrete phase-locked loop using impulse control	Chinese Physics B	2021	30	12	1205 12-1 to 1205 12-11	1205 12		DOI: 10.1088/1674-1056/ac1b83
6	Dr. K Anitha	Suppressing spiral waves with delayed asymmetric bidirectional coupling in a multi-layer biological network	The European Physical Journal	February 2022	-	-	-		-	https://doi.org/10.1140/epjs/s11734-021-00303-w
7	T. Rubesh Kumar	Hybrid Fabric Wearable Antenna Design and Evaluation for High Speed 5G Applications	Wireless Personal Communications - SCI	2021	-	-		0929-6212	1.2	https://link.springer.com/article/10.1007/s11277-021-08702-x
8	R.Krishnamoorthy	Exploring surface Plasmon resonance ring resonator structure for high sensitivity and ultra-high-Q optical filter with FDTD method	Optical and Quantum Electronics	2022	54	2	-			https://www.researchgate.net/publication/357576477
9	R.Krishnamoorthy	4 Element compact triple band MIMO antenna for sub-6 GHz 5G wireless applications	Wireless Networks	2021	27	6	3747 - 3759			https://link.springer.com/article/10.1007/s11276-021-02734-8

10	Dr S Arun	Discrete hybrid Izhikevich neuron model: Nodal and network behaviours considering electromagnetic flux coupling	Chaos, Solitons and Fractals	2022	155		-	1117 59		https://www.researchgate.net/publication/357551095
11	Dr S Arun R.Krishnamoorthy	Concept of Internet of Robotic Things for Smart Automation	Advances in Science, Technology and Innovation	May 2021			83-102			http://dx.doi.org/10.1007/978-3-030-66222-6_6
12	G.Premalatha	Design and implementation of intelligent patient in-house monitoring system based on efficient XGBoost-CNN approach	Cognitive Neurodynamics	2022						https://link.springer.com/article/10.1007/s11571-021-09754-2
13	G.Premalatha	Wireless IoT and Cyber-Physical System for Health Monitoring Using Honey Badger Optimized Least – Squares Support –Vector Machine	Wireless Personal Communications	March 2022						https://doi.org/10.1007/s11277-022-09500-9
14	E U Iniyan A Priyadharshini	An embedded smart affordable helmet for construction workers to reduce fatality rate using IoT device	Ilkogretim Online-Elementary Education Online-2020	2021	19	2	1768 - 1777			Doi:20.17051/ilkonline.2020.02.6967859
15	T Rubesh Kumar	Design and Optimization of Wearable Microstrip Patch antenna using Fuzzy Flamingo swarm Optimization Algorithm for RF energy Harvesting	Iranian Journal of Science and Technology	2022						https://doi.org/10.1007/s40998-021-00470-5

16	E U Iniyan	Machine Learning approach for Student learning performance prediction before final examination	Turkish Journal of Physiotherapy and Rehabilitation	2021	32	3	897-906	2651-4451		
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LIST OF PAPER PUBLICATIONS IN CONFERENCES
ACADEMIC YEAR 2021-2022

S. No	Name of Author	Title of the Paper	Name of the Conference	Year of publication	Page No.	ISBN No.
1	Dr. P. Malathi	Deep Architecture of Neural Networks Using Stochastic Integral Computation in VLSI	Journal of physics Conference Series	2021	1-6	10.1088/1742-6596/1964/7/072012
2	E. Dilliraj	Multiple Network and Double System Orthogonal Low-Ranking Training Melanoma Image Grouping	Journal of physics Conference Series	2021	1-8	10.1088/1742-6596/1964/6/062089
3	T. Rubesh Kumar	IoT Based Monitoring and Alert System for Patients with Chronic Obstructive Diseases	Journal of physics Conference Series	2021	1-6	10.1088/1742-6596/1964/6/062071
4	T. Rubesh Kumar	FPGA-based adaptive linear-line approximation and implementation for optimum photovoltaic device power control	Journal of physics Conference Series	2021	1-6	10.1088/1742-6596/1964/6/062087
5	G. Premalatha	Implementation of VLSI Based Efficient Lossless EEG Compression	Journal of physics Conference Series	2021	1-6	10.1088/1742-6596/1964/6/062048

		Architecture using Verilog HDL				
6	E. Dilliraj	VLSI based Lossless ECG Compression Algorithm Implementation for Low Power Devices	Journal of physics Conference Series	2021	1-8	10.1088/1742-6596/1964/6/062073
7	T Rubesh Kumar, J Yuvaraj	Rainfall surveillance system based on IoT with sensor integrated infrastructure	International conference on communication & electronic systems	2022		
8	Dr P Malathi, G Premalatha, E U Iniyan	Sensor Controlled computer vision based portable hand held products	National conference on Emerging technologies in AI,Data science and IoT	2022		
9	Dr.P.Malathi , E U Iniyan, Dr R Krishnamoorthi	Regressive based classifier analytics for the mechanism of crypto systems security using EHE scheme	8 th International conference on Smart Structures and systems	2022		http://iss.saveetha.com/
10	T Rubesh Kumar	ANN based speed control of DC motor	International conference on Advance computing & Ingenious technologies in Engineering Science	2021	55	https://ieeexplore.ieee.org/xpl/conhome/9404366/proceeding
11	E U Iniyan	Automatic switching from various power sources without interruption	International conference on Advance computing & Ingenious technologies in Engineering Science	2021	51	https://ieeexplore.ieee.org/xpl/conhome/9404366/proceeding

12	J Yuvaraj	Design and development of efficient RF energy Harvesting system	2 nd International conference on Sustainable Expert systems	2022		https://link.springer.com/chapter/10.1007/978-981-16-7657-4_42
13	L Padmanaban	DESIGN OF LOW POWER PMOS BIASED SENSE AMPLIFIER USING LECTOR APPROACH	8th IEEE International Conference on Smart Structures and Systems (ICSSS 2022)	2022		http://iss.saveetha.com/
14	N Darwin	Enhanced Hybrid Resource Scheduler for an Institution Employing NB-RR Scheduling	8th IEEE International Conference on Smart Structures and Systems (ICSSS 2022)	2022		http://iss.saveetha.com/

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LIST OF PAPER PUBLICATIONS IN BOOK CHAPTER
ACADEMIC YEAR 2021-2022

S. No	Name of Author	Title of the Paper	Name of the International Conference	Year of publication	Page No.	ISBN No. / DOI
1	Dr. P. Malathi	Automated Smart Electronic Toll Payment System RFID Based With Cloud-Based Report for Time and Traffic Reduction	Renewable Energy with IoT and Biomedical Applications	5/9/2021	125	978-81-952585-4-3
2	G. Premalatha	Variational Spectrum Limited Learning and its Biomedical Picture Classification Implementation	Renewable Energy with IoT and Biomedical Applications	5/9/2021	25	978-81-952585-4-3
3	T. Rubesh	Hardware Architecture of Single Shot Detection Algorithms on FPGAs for		5/9/2021	143	978-81-952585-4-3

	Kumar	Rapid Target Detection	Renewable Energy with IoT and Biomedical Applications			
4	E. Dilliraj	Design of Smart Locomotive Wheel Chair for Physically Challenged Patients	Renewable Energy with IoT and Biomedical Applications	5/9/2021	69	978-81-952585-4-3