



**VELAGAPUDI RAMAKRISHNASIDDHARTHA ENGINEERING COLLEGE**

KANURU, VIJAYAWADA-520 007, A.P, INDIA

Phone: 2582333, 2584930 Fax: 0866-2582672

(Sponsors: Siddhartha Academy of General & Technical Education)

**ELECTRONICS AND INSTRUMENTATION ENGINEERING**

**AY 2021 -22 Journal Publications**

Sl No	Name of the author	Co-other	Title of the Manuscript	Name of the journal	SCI/SCIE	Volume and Issue	Date (M/D/Y)	Q index
1	K Vijaya Lakshmi	Muthukumarasamy, Manimozhi.	A comparative study of various Smith predictor configurations for industrial delay processes	Chemical Product and Process Modeling	SCOPUS and Web of science	2021	7/28/2021	Q3
2	M.Srinivas	Dr.M.Ramesh Patnaik	Fuzzy Extended Krill Herd Optimization with Quantum Bat Algorithm for Cluster Based Routing in Mobile Adhoc Networks	Journal of Applied Science and Engineering	SCI/SCIE	25(4)	10/2/2021	NA (Not Assigned)
3	P.DURGA PRASADA RAO	N.Siddaiah	Design of Deer Hunting Optimization Algorithm for Accurate 3D Indoor Node Localization	Evolutionary Intelligence (2021)	SCOPUS and Web of science	<a href="https://doi.org/10.1007/s12065-021-00673-z">https://doi.org/10.1007/s12065-021-00673-z</a>	11/9/2021	Q2
4	Dr CSS Anupama	Laxmi Lydia, E., Anupama, C.S.S., Beno, A. et al.	Cognitive computing-based COVID-19 detection on Internet of things-enabled edge computing environment.	Soft Comput (2021)	SCI/SCIE	<a href="https://doi.org/10.1142/S0218126622200018">https://doi.org/10.1142/S0218126622200018</a>	11/18/2021	Q2

5	Dr CSS Anupama	T. J. Benedict Jose, H. F. Eid, N. O. Aljehane, F. N. Al-Wesabi et al.,	Intelligent classification model for biomedical pap smear images on IOT environment	Computers, Materials & Continua	SCI/SCIE	71(2)	12/7/2021	Q2
6.	Dasari Anusha	D.Anusha et al.	Design And Development Of 1X4 Sierpinski Fractal Antenna Array For Wireless Applications”	Journal Of Harbin Institute Of Technology	SCOPUS	53(12)	12/26/2021	Q4
7.	Srinivas Maganti	Patnaik.M.R,	Clustering with a high performance secure routing protocol for mobile adhoc networks	Journal of Super Computing,	SCI/SCIE	78(6)	1/13/2022	Q2
8.	Dr. Sumalatha Akunuri	K Sudha Rani, M Vasu Babu, S Sunitha Ratnam,	Brain Tumour detection using Advanced Morphological Techniques", ISSN: 00845841, Volume 53, Issue 03, March, 2022 . Pg 6909-6921	AMA, Agricultural Mechanization in Asia, Africa and Latin America,	SCOPUS and Web of science	53(3)	4/30/2022	NA (Not Assigned)
9.	Dr. Mahammad Firose Shaik	Gundugonti Kishore Kumar, Mahammad Firose Shaik and Vikram Kulkarni	Power and Delay Efficient Haar Wavelet Transform for Image Processing Application	Journal of Circuits, Systems and Computers (2021)	SCI/SCIE	31(8)	5/10/2022	Q3

10.	Dr S Srinivasulu Raju	T.Niranjana, B.Singaravel	Delamination error of fibre Reinforced Polymer composite with different drill tool in drilling-A review	Materials Today: Proceedings	SCOPUS	62(4)	6/17/2022	NA (Not Assigned)
11.	Dr S Srinivasulu Raju	T.Niranjana, B.Singaravel	Optimization of hole quality parameters using TOPSIS method in drilling of GFRP composite	Materials Today: Proceedings	SCOPUS	62(4)	6/17/2022	NA (Not Assigned)
12.	P.RAJESH	Vaegae Naveen Kumar	Rhythms-Based Coherence Analysis Between Brain and Heart of Sleep Disorder Samples using MSC	International Journal of Engineering Trends and Technology	SCOPUS	70(6)	6/29/2022	Q4
13.	P. Srinivas	Dr. P. Swapna	Enhanced Chaotic Political Optimizer based Power Management Scheme for Clustered Wireless Sensor Networks	Mathematical Statistician and Engineering Applications	SCOPUS	71(3)	05/15/2022	Q3
14.	V. Naga Prudhvi Raj	Ayes Wasim Fathima et.al.	Detection of Diabetic Retinopathy using Deep learning models	Mathematical Statistician and Engineering Applications	SCOPUS	71(4)	05/15/2022	Q3

### AY 2021 -22 Conference Publications

Sl No	Name of the teacher	Title of the paper	Title of the proceedings of the conference	National / international	Affiliating Institute at the time of publication	Name of the publisher	Date
1	Paruchuri Srinivas	Implementation of Autonomous Rover	International Conference on Future Technologies 2021 (ICOFT 2021) in Manufacturing, Automation, Design and Energy	International	National Institute of Technology Puducherry	Scopus and SPRINGER LECTURE NOTES IN Mechanical Engineering	2/16/2022
2	Paruchuri Srinivas	A Multipurpose Agrirobot	International Conference on Future Technologies 2021 (ICOFT 2021) in Manufacturing, Automation, Design and Energy	International	National Institute of Technology Puducherry	Scopus And Springer Lecture Notes	2/17/2022
3	Korupu Vijaya Lakshmi	A Multipurpose Agrirobot	International Conference on Future Technologies 2021 (ICOFT 2021) in Manufacturing, Automation, Design and Energy	International	National Institute of Technology, Puducherry	Springer Lecture Notes In Mechanical Engineering - Scopus	2/16/2022
4	Dr. Mahammad Firose Shaik	A Survey on Wireless Body Area Network Implementation Simulators	International Conference on Advances In Computer Engineering & Communication Technology ICACET-2021.	International	Aditya College of Engineering and Technology, Kakinada	Scopus	9/15/2021

5	Dr. Swathi Nadipineni	Post processing Multipath error alleviation method using Dual frequency GPS receiver observables,	International Conference on Advances In Computer Engineering & Communication Technology ICACET-2021.	International	Aditya College of Engineering and Technology, Kakinada	Scopus	3/25/2022
6	K.Umamaheswari	Smart security system for door access based on unique authentication pp1505-1508	5th International IEEE Conference(I-SMAC) in IOT in Social, Mobile Analytics and Cloud	International	SCAD Institute of technology	Scopus	3/16/2022
7	P.Durgaprasadao	Implementation of Electronic Devices of C-MOS Full Adder in Low Power VLSI Circuits	Journal of Physics: Conference Series from International Conference on Applied Mathematics, Modeling and Simulation in Engineering	International	Stanley College of Engineering and Technology for Women, Hyderabad, Telangana	Scopus and Web of Science	6/22/2022
8	M.Srinivas	Analysis on Power Gating Circuits Based Low Power VLSI Circuits	International Conference on Applied Mathematics, modelling and simulation in Engineering	International	Stanley College of Engineering and Technology for Women	Scopus, web of science	3/25/2022
9	Kranthi Madala	Smartcane: Hazards Detection and Alerting Visually Impaired With Emergency Communication System to Unite Custodian	International Conference on Advances in Computer Engineering and Communication Technology ICACET-2021	International	Aditya college of Engineering & Technology	Scopus	4/28/2022
10	Sushma Chowdary Polavarapu	Advanced Monitoring of Cold Storage System based on Wireless Sensor Networks	International Conference on Advances in Data Science Challenges with Big Data Analysis (ICADSC2022)	International	SRM Institute of Science and Technology	Book chapter	10/22/2021
11	Dr.N.Swathi	OT based Smart Framework for Heart rate Monitoring and Heart Attack Detection	International Conference on Advances in Data Science Challenges with Big Data Analysis	International	SRM Institute of Science and Technology	Scopus	2/16/2022

			(ICADSC2022)				
12	Dr.Swathi Nadipineni	Implementation of A Low-Cost Portable Automatic Ventilator	International Conference on Advances in Data Science Challenges with Big Data Analysis (ICADSC2022)	International	SRM Institute of Science and Technology	Scopus	5/20/2022
13	Kalpana Seelam	Design and development of automatic marine trash collector for trash collecting applications"	ICIMBT 2022	International	SRM university	Scopus	6/24/2022
14	Dr. Sumalatha Akunuri	An Experimental study of Boiler Drum Level Controller performance through System Identification Models	2022 First International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)	International	K. Ramakrishnan College of Engineering, Tiruchirappalli, Tamil Nadu, India	SCOPUS	2/16/2022
15	K.Umamaheswari	Automation of railway gate using Raspberry Pi	5th International Conference on Soft Computing and Signal Processing (ICSCSP-2022),	International	Malla Reddy college of Engineering ang Technology	Springer	2/16/2022
16	Dr CSS Anupama	Detection of Leaf Diseases in Pulses, Fruits and Vegetables	8th International Conference on Advanced Computing and Communication Systems (ICACCS-2022)	International	Sri Eshwar College of Engineering	SCOPUS & IEEE digital Explore	2/16/2022
17	Prasanti Korapati	Speed Control of Industrial Motors Efficiently using VFD	2022 International Conference on Electronics and Renewable Systems (ICEARS)	International	St. Mother Theresa Engineering College	IEEE	9/15/2021
18	K Vijaya Lakshmi	Design and Implementation of Conventional and Advanced Controllers for Level Control of Coupled Tank Process	International Conference on Communication and Electronics Systems ( ICCES 2022 )	International	PPG Institute of Technology	SCOPUS (IEEE)	3/25/2022

19	Dr. Mahammad Firose Shaik	Intelligent Secure Smart Crop Protection from Wild Animals	2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS)	International	Eshwar College of Engineering	Scopus	3/16/2022
20	Dr. Mahammad Firose Shaik	Smart Coal Mine Safety & Monitoring System	2022 6th International Conference on Trends in Electronics and Informatics (ICOEI)	International	6th International Conference on Trends in Electronics and Informatics (ICOEI)	Scopus	6/22/2022
21	Kranthi Madala	Advanced Monitoring of Cold Storage System based on Wireless Sensor Network	International Conference on Advances in Data Science Challenges with Big Data Analysis (ICADSC2022)	International	SRM Institute of Science and Technology	Scopus	4/28/2022
22	Kranthi Madala	Speed Breaker Power Generation Mechanism	Smart Electrical and Communication Technology -SECT-2022	International	Sir C.R Reddy college of Engineering	Scopus	10/22/2021
23	Jayalakshmi Chandra	Smart Dusters for Schools	Third International Conference on Instrumentation, MEMS and Bio-sensing Technology (Virtual) - ICIMBT2022	International	SRM Institute of Science & Technology	IEEE	2/17/2022
24	Jayalakshmi Chandra	Efficient Smart Health Monitoring System using IoT for Universal Purposes	National conference on Industrial IoT and Automation, May 2022	International	SRM Institute of Science & Technology	Scopus	5/5/2022