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ELECTRONICS AND INSTRUMENTATION ENGINEERING

AY 2022 -23 Journals 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)	ISSN Number	Q index
1	PARUCHURI SRINIVAS	P. Swapna	Quantum tunicate swarm algorithm based energy aware clustering scheme for wireless sensor networks	Microprocessors and Microsystems	SCI/SCIE	volume:94 (2022) 104653 ,P.No:1-10	9/8/2022	01419331	Q2
2	Dr.P Srinivas	P. Swapna	Maximum Power Point Tracking Algorithm for Advanced Photovoltaic Systems	International Journal on Recent and Innovation Trends in Computing and Communication	SCOPUS	Volume: 10 Issue: 9	9/30/2022	23218169	Q4
3	Mahammad firose Shaik	Balasubramanian , Kishore et al	A Hybrid Deep Learning for Patient Activity Recognition (PAR): Real Time Body Wearable Sensor Network from Healthcare Monitoring System (HMS)	Journal of Intelligent & Fuzzy Systems	SCI/SCIE	Vol. 44, no. 1, pp. 195-211, 2023	1/5/2023	18758967, 10641246	Q2
4	P.DURGAPRASA DARAO	N. Siddaiah	Group teaching optimization with improved Chan-Taylor algorithm for 3D indoor localizatio	Microprocessors and Microsystems	SCI/SCIE	Volume 98, 2023, 104757, ISSN 0141-9331, https://doi.org/10.1016/j.micpro.2023.104757	1/6/2023	01419331	Q2

5	Jalalu Guntur	S Srinivasulu Raju et al.	An automatic irrigation system using IOT devices	Materialstoday:Proceedings	SCOPUS	Vol.68, Part 6, (2022): 2233-2238	9/16/2022	22147853	Q2
6.	Prasanti Korapati	Kumari, A.K., Kosuri, Y.R. et al.	Influence of MoS2 film thickness for nitric oxide gas sensing applications.	J Mater Sci: Mater Electron	SCI/SCIE	34, 72 (2023). https://doi.org/10.1007/s10854-022-09432-x	1/10/2023	09574522, 1573482X	Q2
7.	P.Durgaprasadarao	N.Siddaiah,	A Novel 3D Indoor Node Localization Technique Using Weighted Least Square Estimation with Oppositional Beetle Swarm Optimization Algorithm	International Journal of Integrated Engineering	SCOPUS and Web of science	Vol. No. 14, Issue. 7,(2022) Pg.No. 16-29.	12/31/2022	2229838X	Q3
8.	sushma chowdary polavarapu	P., Panda, S.K. & Naidu, V.P.	High gain circular slot MIMO antenna for Wi-Max and WLAN application with minimum ECC value	Evolving Systems (2023)	SCI/SCIE	doi.org/10.1007/s12530-023-09486-0	1/31/2023	18686486, 18686478	Q2
9.	JALALU GUNTUR	S Srinivasulu Raju et al.	IoT Enhanced Smart Door Locking System with security	SN Computer Science	SCOPUS	Volume 4, Issue 2, March 2023, Article number 209.	2/16/2023	2662995X, 26618907	Q2
10.	Dr S Srinivasulu Raju	P Pandiyan, Y Sujan	Design and simulation of piezoelectric MEMS logic gates	Journal of Ferroelectrics	SCI/SCIE	Vol.602	1/3/2023	00150193	Q4
Q4 11.	Dr S Srinivasulu Raju	R. Dhanalakshmi, N. P. G. Bhavani, and Pundru Chandra Shaker Reddy	Onboard Pointing Error Detection and Estimation of Observation Satellite Data Using Extended Kalman Filter	Computational Intelligence and Neuroscience	SCI/SCIE	Vol. 2022, Article ID 4340897	10/7/2022	16875273, 16875265	--

12.	Paruchuri Srinivas	Kausar Jahan, P. Srinivas, Shaik Hasane Ahammad, et al.,	Superior Gain and Polarization Control in MIMO Circular Ring Surface Plasmonic Planar Differential Antenna for Wireless Systems	Plasmonics journal	SCI/SCIE	Vol.18 ,Issue.3, June2023, Page No.: 877–887	3/11/2023	15571955	Q3
13.	Mrudula Kilaru	Yaswanth Bhanu Murthy Mantripragada, Venkata Satya Kumar Gangavarapu, Riyazuddin Shaik, Krishna Prasad	Performance Evaluation Of Mqtt Protocol In Internet Of Things	Telecommunications and Radio Engineering, 1943-6009	UGC	DOI: 10.1615/TelecomRadEng.2023045375	04/05/2023	00402508, 19436009	--
14.	Srinivas Maganti	Gade Harish Babu, C. Gnanaprakasam, R. Thandaiah Prabu, M. Rajani Devi, Shaik Hasane Ahammad, Md. Amzad Hossain & Ahmed Nabih Zaki Rashed	Meander Line Base Asymmetric Co-planar Wave Guide (CPW) Feed Tri-Mode Antenna for Wi-MAX, North American Public Safety and Satellite Applications	Plasmonics	SCI/SCIE	Vol. 18, Issue - 2 1007 - 1018 (2023)	3/29/2023	15571955	Q3
15.	Kranthi Madala	Ahmed Nabih Zaki Rashed*, Gade Harish Babu, Shaik Hasane Ahammad, Md. Amzad Hossain*, Malek G. Daher and Sara Farouk;	Hybrid Raman/EDFA optical fiber amplifiers configuration in amplified ultra wide band wavelength division multiplexed systems	Journal of Optical Communications	SCOPUS	doi.org/10.1515/joc-2022-0253	12/15/2022	21916322, 01734911	Q3

16.	Dr CSS Anupama	Rafina Zakieva, Afanasiy Sergin, E. Laxmi Lydia, Seifedine Kadry, Chomyong Kim and Yunyoung Nam,	Feature Fusion Based Deep Transfer Learning Based Human Gait Classification Model	Intelligent Automation & Soft Computing	SCI/SCIE	37(2), 1453- 1468	6/23/2023	10798587, 2326005X	Q3
17	Sumalatha A	A. Sumalatha a,* K Sudha Rani b, Ch. Jayalakshmi	Dynamic modeling of Boiler drum using nonlinear system identification approach	Measurement: Sensors	SCOPUS	28 (2023)	6/26/2023	100845	Q3
18	K.UMAMAHESW ARI	CH. PSVL Anjani Pujitha 1 , K.Umamaheswar i2 , A. Karthik3 , J.	Floating Sun Tracking Solar Pane	Grenze International Journal of Engineering and Technology,	UGC	June Issue,Grenze	6/3/2023	ID: 01.GIJET. 9.2.810	--
19	Jalalu Guntur	Satya Saketh Kumar. G, Jalalu. G,	Hazardous Gases Detection and Alerting System in Underground Coal Mines	International Journal for Innovative Engineering and Management Research,	UGC	Volume 12 Issue 02, Feb 2023, pp:392- 397,	3/1/2023	ISSN 2456 – 5083, DOI: 10.48047/ IJIEMR/V 12/ISSUE 02/62.	--
20	Dr CSS Anupama	Raed Alsini, N. Supriya, E. Laxmi Lydia, Seifedine Kadry, Sang-Soo Yeo, Yongsung Kim	Wind Driven Optimization-Based Medical Image Encryption for Blockchain-Enabled Internet of Things Environment	Computers, Materials & Continua	SCI/SCIE	Vol.73, No.2, pp.3219-3233,	7/16/2022	doi:10.326 04/cmc.20 22.030267	Q2

21	Dr CSS Anupama	R. Rajender, C. S. S. Anupama, G. Jose Moses, E. Laxmi Lydia, Seifedine Kadry, Sangsoon Lim,	Artificial Intelligence-Enabled Cooperative Cluster-Based Data Collection for Unmanned Aerial Vehicles	Computers, Materials & Continua	SCI/SCIE	Vol.73, No.2, pp.3351-3365, 2022,	7/16/2022	doi:10.32604/cmc.2022.030229	Q2
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AY 2022 -23 Conference Publications

Sl No	Name of The Teacher	Title of The Paper	Title of The Proceedings of The Conference	Affiliating Institute At The Time of Publication	Name of The Publisher	Date (M/D/Y)	
1	Dr. Mahammad Firose Shaik	An Analysis of Wireless Body Area Network Simulation Tools	International Conference On Recent-Developments-In-Electronics-And-Communication-Systems	Aditya College of Engineering, Surampalem, Ap	Scopus	7/22/2022	7/23/2022
2	Kranthi Madala	Low Cost Automatic Power Generation Mechanism Using Speed Breakers	International Conference On Recent-Developments-In-Electronics-And-Communication-Systems	Aditya Engineering College ,Surampalem	Scopus	7/22/2022	7/23/2022
3	Sushma Chowdary Polavarapu	Development of Asymmetric Feed Mimo Antenna For Wimax, Wifi Applications	11th International Conference On Computing, Communication And Sensor Networks	Department of Csa, Utkal University, Bhubaneswar, Odisha.	Wos	9/23/2022	9/24/2022
4	Dr S Srinivasulu Raju	PID And Fuzzy PID Controller Design For Quadruple Tank System	The International Conference On Intelligent Computing Systems And Applications, Organised By National Institute of Technology Silchar	National Institute of Technology Silchar, Silchar	Scopus	9/23/2022	9/24/2022
5	S Kalpana	Design And Development of Automated Marine Trash Collector	2nd International Conference On Technological Advancements In Computational Sciences (ICTACS) 2022	Amity University	IEEE	10/10/2022	10/12/2022
6	Jayalakshmi Chandra	Smart Duster For Schools	2022 International Interdisciplinary Humanitarian Conference For Sustainability (IIHC), Nov 2022	Sri Venkateshwara College of Engineering	Scopus	11/18/2022	11/19/2022
7	Dr S Srinivasulu Raju	Performance Analysis of A Three-Dof Piezoelectric	The International Conference On Emerging Materials For Technical	Vignan's Institute of Information Technology	Scopus	11/23/2022	11/25/2022

		Vibration Energy Harvester	Applications (ICEMTA- 2022)	(A), Visakhapatnam In Collaboration With Mahatma Gandhi University (Mgu-Kerala)			
8	Dr S Srinivasulu Raju	Stress Detection And Performance Analysis Using Iot Based Monitoring System	The 4th Innovative Product Design And Intelligent Manufacturing Systems (IPDIMS 2022)	National Institute of Technology Rourkela, Rourkela	IEEE	11/25/2022	11/26/2022
9	Dr S Srinivasulu Raju	Design, Simulation, Optimization And Performance of A Mems Based Piezoelectric Energy Harvester	The International Conference On Recent Advances In Mathematical Fluid Dynamics (ICRAMDF 2022)	Malaviya National Institute of Technology Jaipur	Scopus	12/2/2022	12/4/2022
10	Dr S Srinivasulu Raju	Process Parameter Optimization In Friction Stir Welding Process Using Taguchi Method	The 2022 Fourth International Conference On Recent Advances In Materials And Manufacturing (ICRAMM 2022)	Velalar College of Engineering And Technology, Erode, Tamil Nadu,	Scopus	12/8/2022	12/9/2022
11	S Kalpana	Iot-Based Automatic Manhole Observant For Sewage Worker's Safety	International Conference On Automation, Computing And Renewable Systems (ICACRS 2022)	Mount Zion College of Engineering	IEEE	12/13/2022	12/15/2022
12	Paruchuri Srinivas	Satin Bower Bird Algorithm Based Solar Photovoltaic System	Advances In Electrical, Computing, Communications And Sustainable Technologies (ICAECT 2023)	Electrical And Electronics Engineering, Shri Shankaracharya Technical Campus (Sstc)	Scopus	1/5/2023	1/6/2023
13	K Vijaya Lakshmi	Smart Manhole Monitoring System	5th International Conference On Smart Systems And Inventive Technology (ICSSIT 2023)	Francis Xavier Engineering College	Scopus (IEEE)	1/23/2023	1/25/2023
14	Sushma Chowdary Polavarapu	Implementation of Smart Library Using Arduino	The International Conference On Computer Communication And Informatics	Sri Shakthi Institute of Engineering And Technology	IEEE	1/23/2023	1/25/2023
15	Niharika K	Design And Construction of Fuzzy Logic Controller For Boiler Temperature Control Using Labview	The International Conference On Computer Communication And Informatics	Sri Shakthi Institute of Engineering And Technology, Chinniyampalayam, Coimbatore 62	Scopus	1/23/2023	1/25/2023

16	Dr S Srinivasulu Raju	Classification And Detection of Skin Cancer Using Deep Learning Methods	The 2023 International Conference On Computer Communication And Informatics (ICCCI)	Sri Shakthi Institute of Engineering And Technology, IEEE Madras Section, Coimbatore, Tamilnadu	IEEE	1/23/2023	1/25/2023
17	Dr S Srinivasulu Raju	Automatic Shopping Cart Using RFID And Node Mcu	The 2023 International Conference On Computer Communication And Informatics (ICCCI)	Sri Shakthi Institute of Engineering And Technology, IEEE Madras Section, Coimbatore, Tamilnadu	IEEE	1/23/2023	1/25/2023
18	Srinivas Maganti	An Autonomous Crop-Cutting Mechanism Using A Drone	The 2023 International Conference On Computer Communication And Informatics (ICCCI)	Sri Shakthi Institute of Engineering And Technology	Scopus	1/23/2023	1/25/2023
19	Jayalakshmi Chandra	Rider Safety System Using Iot For Two-Wheelers	5th International Conference On Smart Systems And Inventive Technology (ICSSIT 2023),2023	Francis Xavier Engineering College	Scopus	1/23/2023	1/25/2023
20	P.Durgaprasadara o	High Precision Non-Invasiveblood Glucose Monitoring Device For Diabetic Patients	2023 International Conference On Computer Communication And Informatics (ICCCI), Coimbatore, India	Sri Shakthi Institute of Engineering And Technology	IEEE Xplore	1/23/2023	1/25/2023
21	Dr S Srinivasulu Raju	Performance Analysis And Numerical Modelling of Thinfilm Sensor	The 2nd International Conference For Advancement In Technology (ICONAT)	Ajarambapu Institute of Technology, Rajaramnagar, Sponsored By IEEE Bombay Section, Goa, India	IEEE	1/24/2023	1/26/2023
22	M. Kranthi	Garbage Monitoring Ultrasonic Sensor Development By Using Node	2023 International Conference For Advancement In Technology, ICONAT 2023	Rit College ,Goa In Association With IEEE, Bombay	Scopus	1/24/2023	1/26/2023
23	Dr S Srinivasulu Raju	Morphology of Red Blood Cells Classification Using Deep Learning Approach	IEEE 3rd International Conference On Technology, Engineering, Management For Societal Impact Using Marketing, Entrepreneurship & Talent (TEMSMET '23)	Vidya Vikas Institute of Engineering And Technology, Mysuru	IEEE	2/10/2023	2/11/2023

24	Dr S Srinivasulu Raju	A Three-Dimensional Approach For Stock Prediction Using Ai/ML Algorithms: A Review & Comparison	The 4th International Conference On Innovative Trends In Information Technology (ICITIIT'23)	Indian Institute of Information Technology Kottayam	IEEE	2/11/2023	2/12/2023
25	Swathi Nadipineni	Automatic Industrial Gas Leakage Detection And Control System	International Conference On Advances In Information, Telecommunication And Computing, Hinweis Research	Hinweis Research	Scopus	2/17/2023	2/18/2023
26	Swathi Nadipineni	Smart Vision Goggles For Blind People	International Conference On Control System And Signal Processing (CSSP)	Hinweis Research	Scopus	2/17/2023	2/18/2023
27	K Umamaheswari	Floating Sun Tracking Solar Panel	Hinweis International Conference On Control System And Signal Processing (CSSP)	Hinweis Research	Scopus	2/18/2023	2/18/2023
28	Dr Sumalatha	Automatic Rail Track Inspection System	The 7th International Conference On Control System And Signal Processing (CSSP 2023)	Hinwies Research	Scopus	2/18/2023	2/18/2023
29	Kalpna Seelam	Non-Invasive Detection of Coronary Artery Disease Symptoms Using Cardiacare Application	7th International Conference On Computing Methodologies And Communication (ICCMC-2023)	Surya Engineering College	IEEE	2/23/2023	2/25/2023
30	Prasanti Korapati	Lion And Storage of Onion	7th International Conference On Computing Methodologies And Communication (ICCMC-2023)	Surya Engineering College	Scopus	2/23/2023	2/25/2023
31	K Vijaya Lakshmi	Design of Real-Time Automatic Drainage Cleaning And Monitoring System Using Iot	7th International Conference On Computing Methodologies And Communication (ICCMC-2023)	Surya Engineering College	Scopus	2/23/2023	2/25/2023
32	Jayalakshmi Chandra	Smart Garbage Monitoring System By Using An Android Application And The Internet of Things	7th International Conference On Computing Methodologies And Communication (ICCMC-2023)	Surya Engineering College	Scopus	2/23/2023	2/25/2023

33	Dr Sumalatha Akunuri	An Integrated Wireless Aquaculture Monitoring And Feed Management System	7th International Conference On Computing Methodologies And Communication (ICCMC-2023)	Surya Engineering College , Erode, India,	Scopus	2/23/2023	2/25/2023
34	P.Rajesh	Arduino Based Smart Blind Stick For People With Vision Loss	7th International Conference On Computing Methodologies And Communication (ICCMC-2023)	Surya Engineering College(Sec)	Scopus	2/24/2023	2/25/2023
35	Mrudula Kilaru	Implementing Deep Learning Techniques Into Healthcare System Improvement	2023 Second International Conference On Electronics And Renewable Systems (ICEARS),2023	St.Mother Theresa Engineering College	Scopus	3/2/2023	3/4/2023
36	Dr Css Anupama	Alzheimer's Disease Classification On Smri Images Using Convolutional Neural Networks And Transfer Learning Based Methods	2nd International Conference For Innovation In Technology (INOCON 2023)	Sai Vidya Institute of Technology	Scopus	3/3/2023	3/5/2023
37	Dr S Srinivasulu Raju	Machine Learning Techniques for the Classification of Blood Cells and Prediction of Diseases	The 2nd International Conference On Innovation In Technology (INOCON 2023)	Sai Vidya Institute of Technology, Sponsored By IEEE Bangalore Section, Bengaluru,	IEEE	3/3/2023	3/5/2023
38	Mahammad Firose Shaik	Reading Aid And Translator With Raspberry Pi For Blind People	International Conference International Conference On Advanced Computing And Communication Systems (ICACCS) 2023.	Sri Eshwar College of Engineering, Coimbatore	IEEE (Scopus)	3/17/2023	3/18/2023
39	Mahammad Firose Shaik	Heart Attack Prediction Using Artificial Neural Networks	International Conference On Advanced Computing And Communication Systems 2023.	Sri Eshwar Engineering College	IEEE - (Scopus)	3/17/2023	3/18/2023
40	Dr Css Anupama	Application of Deep Cnn Networks In Ocular Disease Detection	3rd International Conference On Smart Data Intelligence", (ICSMDI 2023)	Kongunadu College of Engineering And Technology	Scopus	3/30/2023	3/31/2023
41	Prasanti Korapati	Charging of Wearable Devices Using Human Warmth	2023 International Conference On Communication, Circuits, And System	Kalinga Institute of Industrial Technology	Scopus	5/26/2023	5/28/2023
42	V Naga Prudhvi Raj	Integration of Programmable Logic Controller With Lab	2023 7th International Conference On Computing Methodologies And	Surya Engineering College	Scopus	2/23/2023	2/25/2023

		View For Acquiring Data, Monitoring And Controlling	Communication (ICCMC), Erode, India.				
43	V Naga Prudhvi Raj	Design And Development of 6-Axis Robotic Arm For Industrial Applications	An International Conference of Mechanical And Robotic Engineering, Organized In Hybrid Mode	Modi Institute of Technology	Springer Lecture Notes	3/25/2023	3/26/2023
44	V Naga Prudhvi Raj	Classification of Fetal Health Using Eda	Eleventh International Conference On Contemporary Engineering And Technology	Prince Shri Venkateshwara Padmavathy Engineering College	Scopus	5/1/2023	5/2/2023