

PUBLICATIONS IN INTERNATIONAL JOURNALS

2021-22

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	Harikrishna Paik,Shailendra K. Mishra,Chadalvada M. Sai Kumar , Khambam Premchand	High Performance Cpw Fed Printed Antenna With Double Layered Frequency Selective Surface Reflector For Bandwidth And Gain Improvement	Progress In Electromagnetics Research Letters	Vol 102, PP 47-55,2022
2	E. D. Kanmani Ruby , M. Umadevi, C. Kanmani Pappa , W. Edwin Santhkumar, P. Janani , P. Shanmugasundaram	Performance Analysis And Development Of A Semiconductor Junction Rectifier With Multicolor Coding For Indoor Farm Applications	Advances in Materials Science and Engineering	vol 2021, pp 12 , 2021
3	Rajagopalan Srinath , Rajagopal Gayathri	Epilepsy disorder detection and diagnosis using empirical mode decomposition and deep learning architecture	Concurrency and Computation Practice and Experience	2022
4	S. Kanithan, N. Arun Vignesh, S. Jana , C. Gokul Prasad, E. Konguvel & S. Vimalnath	Negative Capacitance Ferroelectric FET Based on Short Channel Effect for Low Power Applications	Silicon	2022
5	K.Sambath Kumar , Rajendran	An automatic brain tumor segmentation using modified inception module based U-Net model	Journal of Intelligent & Fuzzy Systems	vol. 42, Issue. 3, pp. 2743-2754, 2022
6	Arulraj Simon Prabu, Venkatesan Chithambaram, Maria Anto Bennet , Sengottaiyan Shanmugan, Catalin Iulian Pruncu, Luciano Lamberti, Ammar Hamed Elsheikh, Hitesh Panchal & Balasundaram Janarthanan	Microcontroller PIC 16F877A standard based on solar cooker using PV—evacuated tubes with an extension of heat integrated energy system	Environmental Science and Pollution Research	pages15863–15875, 2021
7	J. Annrose, N. Herald Anantha Rufus , C. R. Edwin Selva Rex & D. Godwin Immanuel	A Cloud-Based Platform for Soybean Plant Disease Classification Using Archimedes Optimization Based Hybrid Deep Learning Model	Wireless Personal Communications	pp. 2995–3017, 2021
8	Vinson Joshua, Selwin	Exploration of machine learning approaches	Advanced	Vol. 11, Issue

	Mich Priyadharson, Raju Kannadasan	for paddy yield prediction in eastern part of Tamilnadu	Technologies in Precision Processing and Modeling in Agriculture, Agronomy	10,2021
9	Mallikharjuna Rao Sathuluri, Dr.G.Sasikala	Comprehensive Analysis and Design of Capacitive RF MEMS Switches for Reconfigurable Microstrip Patch Antenna	WIRE LESS PERSONAL COMMUNICATION	Vol. 123,Issue 5, Pg No:709-725,2021
10	Narsaiah Domala, Dr.G.Sasikala	Low power flipped voltage follower current mirror with improved input output impedances	Sadhana - Academy Proceedings in Engineering Sciences	Vol.46,Issue 3, 2021
11	J. Mohana, Bhaskarrao Yakkala, S. Vimalnath, P. M. Benson Mansingh, N. Yuvaraj, K. Srihari, Dr.G. Sasikala, V. Mahalakshmi, R. Yasir Abdullah,Venkatesa Prabhu Sundramurthy	Application of Internet of Things on the Healthcare Field Using Convolutional Neural Network Processing	Journal of Healthcare Engineering	2022
12	G. Sasikala, V. Mahalakshmi, K. Srihari, Raja Loganathan, R. Jaikumar, ArunSekar Rajasekaran, V. K. Shanmuganathan, K. Santhosh, Sama Sumanth, Venkatesa Prabhu Sundramurthy	Semiconductor Polymer Carbon Composite Coated Fabric for Warm Beds in Hospital	Adsorption Science and Technology	2022
13	SATHULURI MALLIKHARJUNA RAO, Dr.G.Sasikala	STRUCTURAL AND MATERIAL BASED COMPREHENSIVE PERFORMANCE ANALYSIS ON SHUNT CAPACITIVE RF MEMS SWITCH	Journal of Engineering Science and Technology	Vol.17,Issue:1, Pg No:543-551, 2022
14	Vignesh Prasanna Natarajan & Kavitha Thandapani	An improvement of communication stability on underwater sensor network using balanced energy efficient joining distance matrix	International Journal of System Assurance Engineering and Management	2022
16	Neelamsetti Kirn Kumar, Rahul S G, Ramya Kuppusamy, Srete Nikolovski, Yuvaraja Teekaraman, Indragandhi Vairavasundaram, Siripireddy Venkateswarulu	Fuzzy Logic-Based Load Frequency Control in an Island Hybrid Power System Model Using Artificial Bee Colony Optimization	Energies	Vol.15,Issue:6, Pg No:1-20, 2022
18	Satish	Simple optical sensors for oxygen	Journal of modern	Vol 68,Issue

	Addanki,Kamalaksha Baral , N. Vinodh Kumar	detection:simulation fabrication and characterization	Optics	16,pp 886-894 ,2021
19	N. Vinodhkumar , G. Durga , S. Muthumanickam	Numerical study on SEU performance of strain engineered 6T-SRAM cells	Journal of Circuits, Systems and Computers	Vol. 31,Issue 02, 2250034 ,2022
20	S Sridevi,T Kanimozhi , N Ayyanar,Sunny Chugh, M Valliammai,J Mohanraj	Deep learning based data augmentation and behavior prediction of photonic crystal fiber temperature sensor	IEEE Sensors Journal	Vol 22, Issue7, pp6832 - 6839,2022
21	C. Ambika Bhuvaneswari ,E. D. Kanmani Ruby(2) ,A. Manjunathan,. Balamurugan,P. Jenopaul ,Belachew Zegale Tizazu	Effects of Novel Material Field Effect Transistor for Heterogeneous Energy and Traffic-Aware Secure Applications	Advances in Materials Science and Engineering	vol22, 2021
22	M Uthirasamy, R Chinnaiyan, V Kumar Vishnukumar , S Karthick, Alagar Mohanavel, V Subramaniam, Umashankar Muhibbullah	Design of Boosted Multilevel DC-DC Converter for Solar Photovoltaic System	Hindawi - International Journal of Photoenergy	vol22, 2021
34	Harikrishna Paik , K Premchand , R Srividhya	Dual Polarized Circular Ring Monopole Antenna With High Isolation And Enhanced Bandwidth	International Journal Of Microwave And Optical Technology	Vol 16, Issue 4,pp 380-387,2021
35	G. Maheswaran, M. Ettappan, T. Kavitha , R. Senthil Kumar	Effective Dc- Link Voltage Variation For Renewable Power Application	Journal of Physics: Conference Series,	Vol 16, Issue 4,pp 380-387,2021
36	Archana, P. ; Divyabharathi, P. ; Camry Joshya, Y. ; Sudha	Artificial Neural Network Model For Predicting Fraudulent Attacks	Journal of Physics: Conference Series	Vol 1979,pp1-8,2021
37	Camry Joshya, Y. ; Divyabharathi, P. ; Archana, P. ; Vikram, N.	Automated Detection Of Lung Cancer Based On Neuro Fuzzy Technique	Journal of Physics: Conference Series	Vol 1979, Issue 1,pp 1-5,2021
38	Harikrishna Paik , Lanke Charan Teja, Mallidi Akash Reddy,Kovvuri Sai Trinadh Reddy	A Miniaturized Fractal Antenna With Square Ring Slots For Ultrawideband Applications	Progress In Electromagnetics Research Letters	Vol 99, pp169-177,2021
39	L.Balaji ,A.Dhanalakshmi,C.Raja	Scalable Extension Of Hvc With Adaptive De-Blocking Filter For Bandwidth-Limited Applications	sciencedirect	pp.1-8,2021
40	Prabaakaran, K.,	Energy Management System For Small Scale	EAI/Springer	pp. 493–

	Srividhya, R., Senthil Kumar, R.,Mohan Raj, D., Sham Prabu, A.	Hybrid Wind Solar Battery Based Microgrid	Innovations in Communication and Computing	501,2022
41	Malarvizhi, C; Brenda, M; S Bas kar; J Joselin Jeya Sheela.	Design And Optimization Of Cpw-Fed Bow-Tie Slot Patch Antenna	Journal of Physics: Conference Series	Vol1964, Issue 6, 2021
42	S. Jana ,S. Thangam,Anem Kishore, Venkata Sai Kumar Saddapalli Vandana	Transfer learning based deep convolutional neural network model for pavement crack detection from images	International Journal of Nonlinear Analysis and Applications	Vol 13, Issue 1, pp. 1209–1223,2021
43	Neelamegam, Machhindranath M Dhane, D Venkatarami Reddy, Vinay ,S Selvakanmani, and Ranjan Walia	Accident Prevention System Using Real Time Embedded Technology	Journal of Nuclear Energy Science & Power Generation Technology	Vol 10, Issue 9,pp. 2325-9809,2021
44	Dr.P.Anandan, S Kirubakaran, M Roshni Thanka, N Geethanjali, Amit Kumar, and Sivakumar Ponnusamy	Architectures and Uses of Artificial Neural Networks in Water Resources Engineering: Infrastructure and Applications	Journal of Nuclear Energy Science & Power Generation Technology	Vol 10, Issue 9,2021
45	Dr.G.Sasikala; B. Roopesh; S.V. Charan Sai; Y. Sathish Kumar	Energy saving management system in educational buildings	International Journal of Advanced Intelligence Paradigms	Vol.20, Issue:3-4, Pg No:363-373 2021
46	Mr N.Vignesh Prasanna; Dr. Kavitha Thandapani	Adaptive Time Difference of Time of Arrival in Wireless Sensor Network Routing for Enhancing Quality of Service	Instrumentation Measure Metrologie	Vol.20, Issue:No. 6, Pg No:301-307 2021
47	D. Balasubramaniam; R. Vadivelu; G. Santhakumar; P.Parthasarathy; R. Anjalai	Physical Layer Channel Modeling of 5G New Radio	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Vol.12,Issue:7 Pg No:2925-2929, 2021
48	M. Lordwin Cecil Prabhaker; M. Revathi; P. Ramu	A Hybrid three wheeler e-gear using three stage inverter	International Journal of Vehicle Autonomous System	Vol.15, Issue:3-4, Pg No:241-254 2021
49	Sundaram Thanigaivel; Sundaram Vickram; Nibedita Dey; Govindarajan Gulothungan ; Ramasamy Subbaiya; Muthusamy Govarthanam;Natchimuthu Karmegam e; Woong Kim	The urge of algal biomass-based fuels for environmental sustainability against a steady tide of biofuel conflict analysis: Is third-generation algal biorefinery a boon?	FUEL	Vol.317, 2022

50	AnburajMutharasan; PerumalChandraseka	Fault detection and power quality analysis of wind turbine system using integrated systems	International Journal of Power Electronics and Drive Systems	Vol. 13, Issue 1, Pages 576 – 585, 2022
51	Mutharasan Anburaj; Chandrasekar Perumal	Fatigue Mitigation of Wind Turbine System Using Multiple Point Model Predictive Control	International Journal of Power Electronics and Drive Systems	Vol.12, Issue 4, Pages 2261 - 2272, 2021
52	J. L. Mazher Iqbal , Munagapati Siva Kishore, Arulkumaran Ganeshan ,G. Narayan	Design and Implementation of SOC-Based Noncontact-Type Level Sensing for Conductive and Nonconductive Liquids	Advances in Materials Science and Engineering	Vol 7630008, Issue-02,2021
53	Konduru Ashok Kumar , J. L. Mazher Iqbal	Handling high dimensional features by ensemble learning for emotion identification from speech signal	International Journal of Speech Technology	Vol 39 ,2021
54	V. Padmajotha, , J. L. Mazher Iqbal	Review of machine learning and deep learning mechanism in cyber-physical system	International Journal of Nonlinear Analysis and Applications	Vol.20, Issue. 6 pp 301-307, 2021
55	V.Padmajothi, J L MazherIqbal ,VijayakumarPonnusamy	Load - aware intelligent multiprocessor scheduler for time-critical cyber-physical system applications	Computers and Electrical Engineering	Vol 97,2022
56	Nitesh Gaikwad, Dr. Shiyamala. S	Design and Development of Microarchitecture for Dynamic IoT Communication	International Journal of Engineering Trends and Technology (IJETT)	Vol 69 ,Issue11,2021
	N. Vinodhkumar ,M. G. RajendrakumarS. Muthumanickam	Performance Analysis of Gray to Binary Code Converter Using GDI Techniques	Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications	Vol 237,Issue 158,pp 419-429,2021
57	M Sahaya Sheela , C A Arun	Hybrid PSO–SVM algorithm for Covid-19 screening and quantification	International Journal of Information Technology (Singapore)	2022
58	E.Nandhakumar, P.Selvakumar, A.Sasikumar , M.Prem kumar ,Vivek R.Kamatchi	Facile eco-friendly synthesis of rare-earth cobaltite-based perovskite nanostructures as electrocatalysts for oxygen evolution reaction	Materials Letters	Vol 315,2022
59	A. Manjunathan, E. D. Kanmani Ruby(2) ,W. Edwin Santhkumar,A. Vanathi,P. Jenopaul,S. Kannadhasan	Wireless HART stack using multiprocessor technique with laxity algorithm	Bulletin of Electrical Engineering and Informatics	Volume 10 , Issue 6 , 3297-3302 , 2021
61	C. Ambika Bhuvaneswari , Dr.E.D. Kanmani Ruby(2)	HETA: end-to-end delay analysis of enhanced centralized clustering protocol for wireless sensor networks	International Journal of System Assurance Engineering and Management	2021

63	R.Yuvasree T.R.Dinesh Kumar , Dr.M.Anto Bennet , R.Sowmiya , S.Saranya	Rns System With Improved ReverseConversion Process For High Performance Dsp Applications	Turkish Online Journal of Qualitative Inquiry (TOJQI)	Vol 12, Issue 5, pp. 4397 - 4404,2021
64	Pandiyarajan , Dr.S.vasuki, Dr. D. Raj Balaji, Dr B Chandrashekar, Durgachandramouli Yenugu, Dr. Sushma Jaiswal	Improved Extreme Learning Machine (IELM) based Hunger Games Search for Automatic IP configuration and duplicate node detection	Design Engineering (Toronto)	Vol 9,pp. 3764-3779,2021
65	G. Vinoda Reddy; P. Jesu Jayarimb; K. Nandhini ; G. Sheebad; G. Dhanalakshmi	A call reservation scheme for channel allocationusing predication approach (CAPA) in wireless networks	Int. J. Nonlinear Anal. Appl.	Volume No: 13 Issue: 1 Pg No:1253–1267 2022

PUBLICATIONS IN INTERNATIONAL CONFERENCES

2018-19

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	Dr.P.Esther Rani , Rajeshbabu Chitikena	Time Varying Analysis Of Channel Estimation In OFDM	International Conference on Frontiers In Smart Systems &Technologies-2019	pp. 669 - 673, 2019
2	Dr.P.Esther Rani , P. Kalaierasi	A Comparative Analysis Of Alexnet And Googlenet With A Simple DCNN For Face Recognition	International Conference on Frontiers In Smart Systems &Technologies-2019	pp. 616-629 ,2019
3	Dr.P.Esther Rani , S. Sri Jamiya	An Efficient Method For Moving Vehicle Detection In Real Time Video Surveillance	International Conference on Frontiers In Smart Systems &Technologies-2019	pp. 783-7900 ,2019
4	Dr.S.Jana , A. Rijuvana Begum	Edge Detection Using Modified Third Order 45Edge Mask For Gray Scale Medical Image Segmentation	International Conference on Frontiers In Smart Systems &Technologies-2019	pp. 721-731 ,2019
5	M.Muthumari , Nitesh kumar sah, Rishu Raj, Jyotikinkar Saharia	Arduino based Auto door unlock control system by Android mobile through Bluetooth and Wi-Fi	2018 International conference on computational intelligence and computing Research (ICCCIC)	pp. 135-144 ,2018
6	M.Muthumari , C. Ambika bhuvaneswari	Design and realization of Radio communication using LORA and XBEE Module for an E-bike	2018 International conference on computational intelligence and computing Research (ICCCIC)	pp. 1 - 4, 2018
7	Dr.G.Sasikala	Indoor Industrial Monitoring System	International Conference On Recent Trends In Electronics, Computing And Communication Engineering 2019	Vol. 8, pg1-6, 2019

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
8	Dr.G.Sasikala	Intelligent Surveillance System For Smart Security	9th International Conference On Recent Engineering And Technology	Vol 13, 2019
9	Dr.G.Sasikala	Reconfigurable Antenna Using RF MEMS Switches Issues And Challenges: A Survey	Frontiers In Smart Systems &Technologies-2019	Pg no:201-205, 2019
10	V. Karthikeyan; P. Suresh ; U. Saravanakumar	A Penta-Band Frequency Reconfigurable Patch Slot Antenna For C-Band Applications	Trends In Electronics And Informatics	Pg No: 534-537, 2019
11	Rahul Vasant Nale; Shubham Srivastava; Aditya Kumar Sinha; Dr.U.Saravanakumar	A CAN Protocol Based Driver Assistance System For Safety Manner	Intelligent Data Communication Technologies and Internet of Things	vol 26, Pg No: 292-302, 2019
12	Dr.A. Selwin Mich Priyadharson and Dr.J.L. Mazher Iqbal	Cascaded Neural PID Based Control Scheme In Pumped Storage Power Plant For Energy Grid Disturbances	International Conference On Research Advancement In Applied Engineering Sciences, Computer And Communication Technology (Icraescct),	Vol 12, Issue 01,pp 421-428,2018
13	Priyanka D. Halle, Subramani Shiyamala	AMI And Its Wireless Communication Security Aspects With QOS: A Review	International Conference On Frontiers In Smart Systems &Technologies	pp 1–13,2019
14	K. Murali, S Siva Perumal	Block Consecutive Minimization Method with Wireless Energy Harvesting Relays	International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICECCOT)	pp 1773-1775,2018
15	Kumar Harsh , Dr.Francois Bernot , Dr. Vinodh Kumar.N	Design and Developement of Electronic control unit for BLDC motors	International Conference On Recent Trends In Electronics, Computing And Communication Engineering 2019	Vol 6, Issue 5,pp 116-119,2019
16	Mrs.C.Ambika Bhuvaneswari ,M.Muthumari	Design and realization of radio communication using LoRa & XBee module for an e-Bike	<u>Computational Intelligence and Computing Research (ICCIC)</u>	2018
17	Mrs.A.Vishnupriya	Reinforcement Learning-Based DoS Mitigation in Software Defined Networks	<u>Communications and Cyber Physical Engineering</u>	2018
18	M.Muthumari	Design of Arduino based Anti Anemos Prestrifon for crop Production	International Conference on New trends in Engineering and Technology, 2018	2018
19	Dr S Jana , S. Selvaganesan, GV Shrichandran	Enhancing XML Keyword Search Approach XDMA	Proceedings of International Conference on Advances in Mathematics, Engineering and Technology	Vol.7, Issue 44 ,2018

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
21	Dr.G.Sasikala; B.Roopesh; S.V.Charan Sai; Y.Sathish kumar	Energy Saving Management In Educational Building	International Conference On Recent Trends In Science And Management	2018
22	U. Saravanakumar, P. Suresh; V. Karthikeyan	Low-Power High-Speed Hybrid Multiplier Architectures For Image Processing Applications	ISMAL in Computational Vision and Bio-Engineering	Issue: 30, Pg No:539-550, 2019
23	P. Suresh; U. Saravanakumar; V. Karthikeyan; M. Revathi	Accelerating Of Nano Particles In The Focal Region Through Tightly Focused Cylindrical Vector Beam	Latin America Optics And Photonics Conference,	2018
24	R. Bharath Kumar, Dr. Francois Bernot and N.Vinodhkumar	Development of Metellanguage for programming small Embedded system	International Conference On Recent Trends In Electronics, Computing And Communication Engineering 2019	2019

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S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	Dr Harikrishna Paik, K V E Sarojini	A Comapct Wideband Microstrip Patch Antenna with CSRR for WLAN and WiMax Applications	IEEE GCAT 2019 BANGALORE	2019
2	Dr. Ritwik Haldar, Kirtan Gopal Panda, Ashraf Hossain	Estimation of Outage Duration for a Mobile Sensor Node	IEEE ICRITO 2018	pp. 347 - 350, 2018
3	Brenda M, L Franklin Telfer, E Preethi, Uddandam Vijay Kumar, Chinnappannagari Hithasree	Circular Planar Pac-Man Antenna Towards Multiband Operations	ICACI 2019 (SPRINGER)	pp. 1 - 8, 2019
4	V Lakshman Narayana, Dr. C R Bharathi	Multi-mode routing mechanism with cryptographic techniques and reduction of packet drop using 2ACK scheme MANETs	Smart Innovation, Systems and Technologies (Springer)	Vol.1, pp. 649 - 658, 2018
5	S Sridevi, J Mohanraj, Dr.M.Valliammai	Refractive Index based Biosensor using Photonic Quasi Crystal Fiber	2019 Workshop on Recent Advances in	Vol.23, Issue.1, pp. 1-3,2020

		for Detection of Metastasis Tumor cells in brain	Photonics (WRAP), IIT,Guwahati	
6	M. Valliammai, J Mohanraj, M. Manimaraboopathy, G A Sathis kumar, U Monisha	Realization of all optical J-K flipflops in mid-IR wavelengths Using Triple-core Photonic Crystal Fiber	2019 Workshop on Recent Advances in Photonics (WRAP), IIT,Guwahati	2020
7	J Mohanraj, Dr.M.Valliammai	Spectrum Analysis of Ytterbium-Doped Hybrid Mode-Locked Fiber Laser	2019 Workshop on Recent Advances in Photonics (WRAP), IIT, Guwahati	2020
8	A Priya, M Saravanan, D Balasubramaniyam, Subahar A, V Purusothaman	A Compact Vertex Fed Heptagon Monopole Antenna In a Wide Diamond Slot for UWB Applications	International Conference on Inventive Communication and Computational Technologies(ICICCT 2020)	Vol.145, 2020
9	Divyabharathi P, Arul Murugan chinnaadi, Nivedita A	Biometric Voting System to Eradicate illegal Voting	International Conference on intelligent systems and control (ISCO 2020)	pp. 10978 - 10984, 2020
10	Dr R S Valarmathi, D Preethi	Efficient Implementations of Delay Elements for Digitally Controlled Delay Lines	10th IEEE International Conference on Computing, Communication, and Networking Technologies (ICCCNT) 2019	pp. 1-7, 2019
11	Dr R S Valarmathi, D Preethi	Novel Considerations in Reducing Noise during FECG Signal Transmission	2nd IEEE International Conference on Intelligent Communications and Computational Techniques 2019	pp. 36-39,2019
12	M.Muthumari, Dinesh Kumar V., Mamilapalli Hemanth, Akula Gowtham	Auto Railway Platform Control using sensors	2nd International Conference on Power and Embedded Drive Control ICPEDC- 2019 IEEE	pp. 563-566, 2019
13	R.S.Valarmathi, M. Krishnamoorthi, R. Harikumar	Swarm Intelligence based Feature Clustering for Continuous Speech Recognition under Noisy Environments	Springer 3rd International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC 2019),RVS Technical Campus, Coimbatore	pp. 1248 - 1255, 2019
14	Dr.R.S.Valarmathi, P. Ramya, C. Poongodi, P. Hamsagayathri	Slotted Microstrip patch 4*4 MIMO antenna for UWB applications	Springer 4th International Conference on Inventive Computational Technologies(ICICT 2019)	pp. 11 - 17, 2019
16	Dr.P.Anandan, Gangisetty Tejaswi, Sanivarupu Vijayalakshmi, Jammula Srilakshmi, Kunapareddy Meghana	Detection of Goblet Cells to diagnose Barrett's Esophagus using Contourlet Transform and GLCM approach	IEEE International Conference on Computer Communication and Informatics (ICCCI -2020) (SCOPUS)	pp. 1 - 5, 2020
17	V.Purushothaman, A. Priya, M. Sarvanan, D.	A Compact Vertex Fed Heptagon Monopole Antenna in a Wide	International conference on inventive communication and	Vol. 145, pp. 561 - 572, 2020

	Balasubramaniam, A. Subahar	Diamond slot	computational technologies	
18	Dr. A. Selwin Mich Priyadharson , S. Vinson Joshua	Exclusively Automated Agricultural Engineering System using PLC-HMI and ZigBee based WSN	International Conference on Automation, Signal Processing, Instrumentation and Control (iCASIC 2020)	pp. 3035 - 3049, 2020
19	Dr. A. Selwin Mich Priyadharson , S. Vinson Joshua	Lab VIEW and PID action based Brake Lever Effect for Validation of Servo Vacuum Booster	International Conference on Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering (I-DAD 2020)	pp. 435 - 442, 2020
20	Dr.R.S.Valarmathi	Classification and Suppression of Noises in Fetal Heart Rate Monitoring: A Survey	International Conference On Microelectronics, Electromagnetics and Telecommunications	pp. 607-615,2019
21	D.Dileepan; R.Sanmugasundaram; S.Natarajan	Coplanar Waveguide fed MIMO RDR Antenna for ISM Band Frequencies	IOP International Conference on Frontiers in Material and Smart Systems Technologies	Vol 590, Issue:01, Pgno 1-7, 2019
22	P. Siva Kalyani, G. Sasikala	Morphological watershed approach for the analysis of diabetic nefphropathy	Third International conference on Communication and cyber physical Engineering	Vol 698, Issue:01, Pgno 547-554, 2019
23	V. Karthikeyan; U. Saravanakumar; P. Suresh	Frequency Based Passive Chipless RFID Tag Using Microstrip Openstub Resonators	4th International Conference On Nanoelectronics, Circuits & Communication Systems.	Vol 642,Pg no:323-341, 2020
24	Dr.G.Srinivasa Sudharsan; J Vishnupriyan; K Vijay Anand	Active flow control in Horizontal axis wind turbine using PI-R controllers	6th International Conference on Advanced Computing & Communication Sstems	Pg no 1010- 1013, 2020
25	S Karthikeyan; T Manikandan; V Nandalal; J.L Mazher Iqbal ; Jai Jaganath Babu	Survey on Despeckling Filters for Speckle Noise Removal in Ultrasound Images,	Proceedings of the Third International Conference on Electronics Communication and Aerospace Technology	pp. 605-609,2019
28	M. Valliammai; J. Mohanraj ; M. Manimaraboopathy; G. A Sathis Kumar; U. Monisha	Realization of all optical J-K flip flops in mid-IR wavelengths Using Triple-core Photonic Crystal Fiber	2019 Workshop on Recent Advances in Photonics (WRAP), IIT,Guwahati	pp. 1-3,2020
30	Jiang Hong Chang; Mujahid Tabassum; Uvais Qidwai; Saad Bin Abul Kashem; P Suresh ; U. Saravanakumar	Design And Evaluate Low Cost Wireless Sensor Network Infrastructure To Monitor The Jetty Docking Area In Rural Areas.	Advances in Smart System Technologies	PP 689-700,
31	Dr. S.Kamatch, R Jenila	Performance Evaluation of Near-Infrared (NIR) Diagnosis of	International web Conference on Smart Engineering Technologies	pp 1-5,2020

		Sinusitis in Comparison with Radiographic Outcomes	2020 - (IWCSET-2020)	
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2020-21

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	Idayachandran, G; coumar, S Oudaya.	Asymmetric Complimentary Split Ring Resonator for Identification of Materials	AICTE Sponsored 2020 International Conference on Recent Innovations in Engineering and Technology	vol 1070, Issue 1, pp 1-5, 2021
2	A. Priya, M. Saravanan, D. Balasubramaniam, A. Subahar & V. Purushothaman	A compact vertex fed heptagon monopole antenna in a wide diamond slot for uwb applications	4th International Conference on Inventive Communication and Computational Technologies, ICICCT 2020;	vol 145,pp 561–572,2020
3	R. Jenila; C. Supraja; C. Kanmani Pappa; N. Dharani	VLSI Implementation of Error Detection and Correction Codes for Space Engineering	Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV)	pp 569-573,2021
4	T.Kavitha, R.Ganesamoorthy	Performance of Millimeter wave Photonic Notch Filter	International Conference on Contemporary Approach on Revolutionary Techniques in Science and Engineering	2021
5		Design and Performance Analysis of WDM based radio over Fiber System using Subcarrier Multiplexing	International Conference on Contemporary Approach on Revolutionary Techniques in Science and Engineering	2021
6	Dr.Harikrishna Paik,K Premchand	A Compact 1x4 Microstrip Antenna Array for V Band Downlink Satellite Applications	IEEE Conference INCET 2021	pp 1-4,2021
7	D Subitha; S. Velmurugan; R Vani; E Nirmala	Performance Analysis of Matrix Inversion Algorithms for Massive MIMO Precoding under Rural and Urban Scenarios	7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	Vol 1,pp 858-862 2021
8	Hiran Kumar Singh; Harikrishna Paik	A Compact Single layer Differentially-Fed Monopole Antenna for UWB Applications	ICCSP-2020, IEEE MADRAS SECTION	pp 0126-0129 ,2020
9	S. Aswath, R. S. Valarmathi, C. H. Mohan Sai Kumar & M. Pandiyarajan	Highly Secured Steganography Method for Image Communication Using Random Byte Hiding and Confused & Diffused Encryption	4th International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT-2021)	Vol. 75, pp. 867-884, 2021
10	S. Aswath, R. S. Valarmathi, C. H.	Multiscale Image Segmentation using Cascade MultiResUNet	2021 2nd International Conference for Emerging	pp. 1-8, 2021

	Mohan Sai Kumar	Proposal Masking Convolutional Network	Technology (INCET)	
11	Chandra Prasad V, Ramprabhu, Aswath S and Pandiarajan , Boopathi S	Elliptically bended hybrid ring coupler	International Conference on Advances in computing, Communication, Automation and Biomedical Technology (ICACCABT-2020)	pp. 1 -3, 2020
12	Bharanidharan N	A study on real world implementation and future trends of internet of things	Proceedings of the 4th International Conference on IoT in Social, Mobile, Analytics and Cloud ISMAC (2020)	pp. 357-361, 2020
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21	S. G. Rahul, R. Chitra , G. Srinivasa Sudharsan, A. Amruthavalli & S. Sai Sudheer	Regulation of blood glucose using Auto tuned PID Controller in HEALTH CARE SYSTEMS	International Conference on Computational, Intelligence and computing	pp. 263–271, 2021
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24	Vishnu Priya and Hiran Kumar Singh	Mitigation of ARP Cache Poisoning In Software Defined Networks	International conference on Frontiers In Smart Systems & Technologies, Advances in Intelligent Systems and Computing book series (AISC, volume 1163)	pp. 85 - 94, 2020
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27	Thiyagarajan.K; S.G.Rahul; G.K.Rajini; Debashis Maji	Indium Tin Oxide Based Flexible Temperature Sensor For Human Body Temperature Monitoring	THIRD INTERNATIONAL CONFERENCE ON ADVANCES IN ELECTRONICS, COMPUTERS AND COMMUNICATIONS (ICAECCE 2020)	pg no:1-4, 2020
28	A. Priya; M. Saravanan; D. Balasubramaniam; A. Subahar; V. Purushothaman	A Compact Vertex Fed Heptagon Monopole Antenna in a Wide Diamond slot for UWB Applications	Inventive Communication and Computational Technologies ICICCT 2020	Vol.145, pg no: 561-572, 2020
29	R. Jenila; C. Supraja; Dr. C. Kanmani Pappa; N. Dharani	VLSI Implementation of Error Detection and Correction Codes for Space Engineering	2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV)	Pg no: 569 - 573 March 2021
30	Saranya P; Bhavya Reddy Y; Bhavya Vani U; Sai Durgesh CH	IOT based Automatic Water Conservation System	First International Conference on Circuits, Signals, Systems and Securities -ICSSS 2020	Volume:1084 (2021) 012125, Pg no:1-7, 2020
31	Sathuluri Mallikharjuna Rao; Dr.G.Sasikala	Reconfigurable antenna using rf mems switches issues and challenges: A survey	ICFSST- Conference	pp 119–134, 2021
32	Narsaiah Domala; Dr.G.Sasikala	Low Power Low Voltage Current Mirror for Analog Mixed Signal Applications	Proceedings of the 4th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2020	Pages 465 - 470, 2020
33	Santhosh Krishnarao, Hwang-Cheng Wang, Abhishek Sharma, Mazher Iqbal	Enhancement Of Advanced Driver Assistance System Using Machine Learning	International Conference on	Vol 1, pp139-146, 2021
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36	P.Kalapna Devi , Aparna Shekar, Abhishek, Tarun	Design Of Frequency Reconfigurable Antenna For Sdr Application	International Conference on Smart Structures and Systems	pp. 1-5,2020
37	P.Kalpna Devi, M. Sujatha, J.Arun Prasath	Design Of Reconfigurable Integrated Patch Antenna In Ism Band For Iot Applications	International Conference on Smart Structures and Systems	pp. 1-4,2020
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39	Vijayalakshmi S , Karthikha R,Paramasivam A ,Bhaskar K. B.	Condition Monitoring Of Industrial Motors Using Machine Learning Classifier	International Conference on Control Networks and Intelligent Systems	pp 1-7,2021
40	Arshath Bilal Ramzan Ali, Paramasivam Alagumariappan, S. Vijayalakshmi, N.M. Gughan	Analysis Of Secure Transfer Of Healthcare Data Fog Computing	International Conference on Smart Electronics and Communication	pp 529-531.2020
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43	A. Saraswathi Pooja ,Rampa Theresa ,Satya Govind , Anuja Aloy Mary(1)	Detection of Byzantine Attack in Cognitive Radio Network	Advances in Intelligent Systems and Computing	459–468 ,2020
44	S. Vishnu Kumar(a) S. Aswath (a) G. Aloy Anuja Mary(a) R. Uthirasamy (b)	Design and development of Vehicle breakdown assistance System: i-Touch	Materials Today: Proceedings	2021
45	M. Malathi (1) , G. Aloy Anuja Mary (2) ,J. Senthil Kumar (3),P. Sinthia (4),M. Nalini	An Estimation of PCA Feature Extraction in EEG based Emotion prediction with Support Vector Machine	An Indo-European Conference on Data Analytics & Management”, organized jointly by Jan Wyzykowski University Poland	2021
46	A.Balaji, Dr.B.Sathyasri(2) ,S.Vanaja,M.N.Manasa,M.Malavega,S.Maheswari	Smart Kitchen Wardrobe System Based on IoT	Smart Electronics and Communication	2020
48	S.Vishnu Kumar,Dr.G.Aloy Anuja Mary ,P. Suresh ,R. Uthirasamy	Investigation on Cyber-Attacks against in-vehicle Network	7th International Conference on Electrical Energy Systems (ICEES)	2021
49	Mrs.A.Vishnupriya	Mitigation of ARP Cache poisoning	Advances in Smart System	85-94 ,2020

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52	SubithaD. ,Poonkuzhali P,Chandral,Hemanth, Venkata	Hrbrid precoding algorithm for massive MIMO using imperfect channel knowledge	International Conference on ITDECC 2021, SRM Institute of Technology,Materials Today: Proceedings	pp 1-6,2021
53	Dr.M.Anandan ,K.Nithis h kumar, V.Sreenivasulu Reddy, O.Mohith Kumar Reddy	Prediction of Range performance of Basic Pulsed Radar System	International Research Journal of Engineering & Technology	Vol 08 ,Issue 02 , pp 1-8,2021
54	Subitha, D. ; Vani, R.	Analysis of Linear Precoding Techniques for Massive MIMO- OFDM Systems under various scenarios	IOP Conference Series: Materials Science and Engineering	Vol 1084, Issue 1, pp1-7,2021
55	E. Nirmala, S. Muthurajkumar and D. Subitha	An Efficient Privacy-Preserving Ranked Keyword Search Method	IOP Conference Series: Materials Science and Engineering	Vol 1084, Issue 1, pp1-6,2021
56	Saad Bin Abul Kashem; Fawad Shahid; Uvais Qidwai; P. Suresh ; Jubaer Ahmed; U. Saravanakumar	Autonomous Vehicle Sunshade Using Aluminum Panels	Frontiers In Smart Systems &Technologies-2019	Pg no791-799, 2020
57	B. Sathyasri; P. Janani; V. Mahalakshmi	Redistribution Of Dynamic routing protocols (ISIS, OSPF, EIGRP) IPv6 networks and their performance.	Second INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMMUNICATION & INTELLIGENT SYSTEMS.	Pg no 179- 191, 2020
58	Dharani N; Vaitheeswari M	Design of SDR transceiver for industrial automation	national conference on Emerging trend in Engineering science fo future technology -NCETESFT 2020	Vol 8, pg no: 232- 235,2020
59	Priyanka D.Halle, Shiyamala S ,Dr.VM Rohokale	Secure Direction Finding Protocols And Qos For Wsn For Diverse Applications – A Review	International Conference on Recent Advances in Computation, Communication, Internet of Things and Artificial Intelligence	pp 5-10,2020
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61	S. Shiyamala , G. Bhuvaneshwaran & Chejerla Om Prakash Reddy	Autonomous Object Recognition And Collision Avoidance For Micro Aerial Vehicles With Effective And Cost-Efficient Sensor	International Conference on Recent Advances in Computation, Communication, Internet of Things and Artificial Intelligence	2021
62	A. Meena & S. Shiyamala	Low Power Enhanced Trivium Implementation Using Parallel-Pipeline Technique	International Conference on Recent Advances in Computation, Communication, Internet of Things and Artificial Intelligence	2021
63	Shiyamala.S , Sai Suneel	A Novel Artificial Intelligence Architecture For Sensing The Primary User In The Spectrum	international conference on computational and bio engineering	2020
64	Paramasivam Alagumariappan , Najumnissa Jamal Dewan , Gughan Narasimhan Muthukrishnan , Bhaskar K. Bojji Raju , Ramzan Ali Arshad Bilal and Vijayalakshmi Sankaran	Intelligent Plant Disease Identification System Using Machine Learning	Engineering Proceedings	Vol 2, Issue 49, pp1-7, 2020
65	R. Dhanalakshmi , Aloy Anuja Mary (2) , D. Shrijith , N. Vijayaraghavan	A study on Covid-19 – Impacting Indian education	Materials Today: Proceedings	2021
67	Mr.A.Farith Khan (1), Dr.G.Aloy Anuja Mary (2)	UAV Swarm Communication using ZIG BEE	Robotics and Automation Engineering	2021

PUBLICATIONS IN INTERNATIONAL CONFERENCES

2021-22

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No., Year of publication
1	M. Valliammai; J. Mohanraj; T. Kanimozhi; S. Sridevi	Design Of All-Optical Chalcogenide T-Flip Flop Using Photonic Crystal Waveguide	International Conference on Numerical Simulation of Optoelectronic Devices (NUSOD)	Vol 6, Issue 21, pp133-134, 2021
2	Sreelakshmy.R , M Srilekha, .Saam prasanth Dheeraj	Split Ring Resonator Based Slotted Rectangular Microstrip Patch Antenna For Radar Communication	ICACSE2021	2021

3	Sanmugasundaram Ravichandran, Natarajan Somasundaram & Rajkumar Rengasamy	A Compact Complementary Split Ring Resonator-Based Notch Design For Wireless Access For Vehicular Environment/Wlan/Itu Band Application	Futuristic Communication and Network Technologies	vol 792,pp 403–411,2021
4	Rajkumar Rengasamy, Sathyamoorthy Sellapillai &Dileepan Dhanasekaran	An Inverted L-Shaped Acs-Fed Antenna With Srr For Bandwidth Enhancement Application	Futuristic Communication and Network Technologies	vol 792,pp 957–964,2021
5	vasim Babu M,Vinoth Kumar Cns, Bharanidharan B , Madhusudhan Reddy Machupalli , R.Ramasamy	Energy Efficient Aco-Da Routing Protocol Based On Ioeabc-Pso Clustering In Wsn	CIS 2021	2021
6	Ramasamy R, Anto Bennet M, Balasubramaniam D, Vasim Babu M	A Compact Dual Band E Shaped Circular Patch Antenna For Iot Applications	EFM2T'21	2021
7	R Ramasamy; R Rajkumar; Sathyamoorthy Sellapillai; M Vasim Babu; CNS Vinoth Kumar	A Compact Uwb MIMO Antenna For Iot Applications	Innovations in Power and Advanced Computing Technologies i-PACT2021	2022
8	Srividhya Ramanathan , Suma Nair , Aishwariya Lakshmi , Rithwik Halder ,Harshavardhan Naidu	Smart Device For Women Safety Using Machine Learning Based Logic Regression Algorithm	ICCS 2021	2021
9	Dr.Senthil Kumar Muthusamy, Dr.Kavitha Thandapani ,Asritha Manju Immadisetty,Ruchitha Chilukuri	Structural Health Monitoring Of Power Line Using Bragg Sensor	International Symposium Advances in Computational Intelligence and Heuristic Application, Oman	2021
10	T. Kavitha, P. Nagarajan, R. Ganesamoorthy, A. Arulmary & S. Jana	Investigating Wireless Optical Communication Systems For Inter Satellite Communication Using Qpsk Modulation Technique	2nd International Conference on Data Intelligence and Cognitive Informatics	pp 849–856,2022
11	Harikrishna Paik; Smrutisree Paik	A Frequency Reconfigurable Printed Antenna Using Pin Diode For Mobile Terminal Application	2021 Asian Conference on Innovation in Technology (ASIANCON), Pune, India.	pp1-4,2021
12	L Balaji. , G Sriharini. , S Pooja. , A Dhanalakshmi.	Performance Analysis Of Filter Based Multiuser Spread Spectrum Over High Frequency Communication	2021 Fourth International Conference on Electrical, Computer and Communication Technologies	Vol 2021,pp 1-6 , 2021

13	Malarvizhi, C; Brenda, M ; S Bas kar; J Joselin Jeya Sheela.	Design And Analysis Of Printed Planar Compact Broadband Dual-Frequency Antenna In Fr4 Substrate For Mobile Application.	ICECT 2021	2021
14	Malarvizhi, C; Brenda, M ; S Bas kar; J Joselin Jeya Sheela.	Design and Optimization of CPW-Fed Bow-Tie Slot Patch Antenna	Journal of Physics: Conference Series; Bristol	Vol1964, Issue 6,pp 1-5,2021
15	K.Malaisamy, M. Santhi, G. Sivakannu, V. Koushick, S. Sathiya Priya	Design Of A Compact Monopole Antenna For Uwb Applications	International Conference on Communication and Computing Technologies for Sustainable Development (ICCCTSD 2022)	2022
16	K.Malaisamy,S.Sathiya Priya, V.Koushick ,M.Ma hendran,Mohd.Wasim	Design And Development Of Microstrip Array Antenna For Satellite Applications	International Conference on Communication and Computing Technologies for Sustainable Development (ICCCTSD 2022)	2022
17	Vinoth, Mohamed Ali, Koushick , Thangapandi, Leema Nelson	A 2X 1 Wearable Periodical Array Antenna For Ieee Standards P802.1Ay/D4.O Applications	International Conference on Smart technologies and applications (ICSTA2022)	2022
18	Harikrishna Paik; Ch. Mohan Sai Kumar; Shailendra Kumar Mishra; Smrutisree Paik	A Cpw Fed Printed Antenna For Gain And Directivity Improvement Using Frequency Selective Surface Reflector	IEEE CONFERENCE ICONAT GOA, 2022	pp 1-4,2022
19	R. Jenila, C. Kanmani Pappa & C. Supraja	A Smart And Precision Agriculture System Using Dht11 Plus Fpga	International Conference on Machine Learning and Autonomous Systems ICMLAS2021	vol269,pp 579–589,2022
20	CH.Mohan Sai Kumar; R.S. Valarmathi; S. Aswath	An Empirical Review on Image Dehazing Techniques for Change Detection of Land Cover	2021 Asian Conference on Innovation in Technology, ASIANCON 2021	pp. 1 -9, 2021
21	S Jana	Deep Learning Based Identification of Plant from Leaves	International Conference on Advances in Signal Processing Communications and Computational Intelligence	2021
22	A. Vishnupriya, Hirankumar Singh & V. Surya Prakash Reddy	Self Regulating Real time Server Log Monitoring Using Software Defined Network	Proceedings of Third International Conference on Communication, Computing and Electronics Systems	pp.933–942, 2022
24	S Jana , S. Thangam & S. Selvaganesan	Gender Identification using Ensemble Linear Discriminant Analysis Algorithm based on Facial Features	International Conference on Machine Learning and Autonomous Systems	pp. 23–35, 2022
25	M. Muthumari; V. Akash; K. Prudhvi Charan; P. Akhil; V Deepak; S Phani	Smart and Multi-Way Attendance Tracking System Using an Image-Processing Technique	4th International Conference on Smart Systems and Inventive Technology (ICSSIT)	pp. 1805-1812, 2022

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27	D. Selvathi, N. HeraldAnantha Rufus & Henry Selvaraj	BRAIN TUMOR DETECTION AND BRAIN STROKE DIAGNOSIS SYSTEM USING CANFIS CLASSIFIER	28th INTERNATIONAL CONFERENCE ON SYSTEMS ENGINEERING	Vol 364, pp. 355-367,2021
28	Ramasamy R, Anto Bennet M , Balasubramaniam D, Vasim Babu M	A Compact dual band E shaped Circular Patch Antenna for IoT Applications	3rd INTERNATIONAL CONFERENCE ON ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES EFM2T'21	2021
29	Dr. S. Sridevi	Classification of Protein sequences using hybrid Recurrent Deep Learning Models	2021 IEEE International Conference on Technology, Research, and Innovation for Betterment of Society (TRIBES)	pp. 1-4, 2021
30	Imran Javeed Settu, Aloy Anuja Mary G, Anto Bennet M	"Hybrid Spectrum Sensing Based on Adaptive Threshold Joint Correlation and Energy Detection For Cognitive Radio Network	3rd INTERNATIONAL CONFERENCE ON ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES EFM2T'21	2021
31	K. RAMESH; M. ANTO BENNET ; J. VEERAPPAN; PN RENJITH	Performance Metric System for Malicious URL Data using Revised Random Forest Algorithm	Fifth International Conference on Computing Methodologies and Communication	pp. 1188-1191,2021
32	Vinoth Kumar V, Sasikala G, Anto Bennet M	"IoT Based Real Time Health Care Monitoring System Using PIC Micro Controller"	3rd INTERNATIONAL CONFERENCE ON ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES EFM2T'21	2021
33	Dr.M.Anto Bennet	Design of Dual-Stack, Tunneling, and Translation Approaches for Block Chian-IPv6	International Conference on Intelligent systems & substainable computing	2021
34	S. Aswath; Ch. Mohan Sai Kumar ; K. Reethi; B. Deepthi; K. Chikitha;	Enhancing the Performance of Classifiers in Detecting Abnormalities in Medical Data	2022 International Conference for Advancement in Technology (ICONAT)	pp. 1 - 7, 2022

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37	Rahul S G, Chitra R, A. Eswar Sai, Seeram Sai Sudheer, Amruthavalli Archakam, Avinash Reddy	Supervisory Virtual Instrumentation For Secured Chemical Process Plant Monitoring	Innovations in Power and Advanced Computing Technologies (i-PACT 2021)	pp. 01-06, 2022
38	Rahul S G, Rajnikant Kushwaha, Sayantan Bhattacharjee, Agniv Aditya, K. Somasekhar Reddy, Durri Shahwar	Soldier Strap for Health Monitoring and Tracking - A Proposed Solution	Innovations in Power and Advanced Computing Technologies (i-PACT 2021)	pp. 1-7, 2022
39	S G Rahul, N. Kirn Kumar, R. Chitra, K. Dinesh Ram, A. Eswar Sai, P. Arshiya Shahina	Development of Virtual Instrumentation System for Industrial Power Quality Analysis	4th International Conference on Computing and Communication Technologies	pp. 370-375,2022
36	S G Rahul, R Chitra, Seeram Sai Sudheer, Palevla Venkata Naga Ravi Teja, Amruthavalli Archakam, Jaswanth Reddy Modium	Model Based Cardiac Control System For The Left Heart Using LabVIEW	Innovations in Power and Advanced Computing Technologies (i-PACT 2021)	pp. 1-6, 2022
40	Chitra R, Rahul S G, Amruthavalli Archakam, Sai Pramitha Meesala, Jaswanth Reddy Modium, Jagadish Kumar Pakalapati	Analysis of Baroreflex Function in Cardiovascular Variability Model	Innovations in Power and Advanced Computing Technologies (i-PACT 2021)	Pg No:1-7,2022
41	S. G. Rahul, R. Chitra, Manasa Madabhushi, M. Kavya, Sraya	Virtual Instrumentation System Design for a Secured Chemical Process Industry Automation	International Conference on Innovations in Mechanical Engineering (ICIME 2021)	Pg No:153-161, 2022
42	S. G. Rahul, R. Chitra, Vulichi Puneeth Kumar, Palla Hima Sai Abhishek, Boggula Obula Reddy	Virtual Instrumentation Based Graphical User Interface for Fermentation Bioprocess Monitoring Using LabVIEW	International Conference on Innovations in Mechanical Engineering (ICIME 2021)	Pg No:783-795, 2022
43	R. Chitra, G. Srinivasa Sudharsan, S. G. Rahul, Seeram Sai Sudheer, Archakam Amruthavalli	Microwaves in Healthcare Systems for Cancer Detection	International Conference on Innovations in Mechanical Engineering (ICIME 2021)	Pg No:771-782, 2022
44	P. Kalpana Devi,M.	An OAuth-based Authentication	ICSCN 2021	Vol 93, pp 621-

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45	P. Kalpana Devi ,T. Yuvaraj	Design and Development of Efficient RF Energy harvesting system	ICES 2021	Vol 351, pp 525- 533,2022
46	Sakthivel Sankaran, Preethika Immaculate Britto, Shanmugananthini Kadarkarai, Vijayalakshmi Sankaran	Recuperation from Hamstring muscle injury using a novel- indigenously developed highly compatible prototype	6th International Conference on Communication and Electronics Systems (ICCES)	pp. 1-7,2021
47	Prabhu KumarSurarapu ,Gandh iMallela,N.Ramu	Life cycle assessment of samarium ferrite materials for electronic devices	International Conference on Smart and Sustainable Developments in Materials, Manufacturing and Energy Engineering	Vol 52, Issue 3,pp 1589-1593,2022
48	S.Vishnu Kumar, G.Aloy Anuja Mary , S.Arunmozhi Selvi, Glorindal	Design of field to fork framework: Integrating IoT into traditional farming	INTERNATIONAL CONFERENCE ON Smart Technologies and Systems for Next Generation Computing: (ICSTSN-2022)	2022
49	Malathi.M, Sinthia. P, AloyAnujaMary , G. M. Nalini, Fareen Farzana Wahed	Segmentation of breast cancer using fuzzy C means and classification by SVM based on LBP features	AIP Conference Proceedings	2022
50	Fareen Farzana Wahed, Anitha Juliette.A, Sinthia, AloyAnujaMary.G	Detection of Sick Cell Anemia Using SVM Classifier	AIP Conference Proceedings	2022
51	P. Sinthia, M. Malathi, B. Sathya Sri , K. Sankar,and M. Nalini ⁴	Early diagnosis and monitoring of sleep apnea using desaturation index and respiration percentage	AIP Conference Proceedings	2022
52	Aloy Anuja Mary ,Gnanaraj, Farithkhan ,A bbas Ali,Arun C A, Vishnu Kumar Siva Kumar	Hierarchical IoT Network Management and Cloud Computing to Make Healthcare Green	ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES	2021
53	L. Raja , A. Farithkhan ,K. Vijayalakshmi, T. Sripriya,Rahul Krishnan ,Keren Naomi	Design of Cubic Dielectric Resonator Antenna for Biomedical Application	2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021,	2021
54	Aanandha Saravanan K , Aloy Anuja Mary G , Sathyasri B , Farithkhan A	Energy Optimized Quorum System MAC Protocol for Wireless Sensor Networks	ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES	2021

55	Mr.Vijaya Vardan Reddy SP, Dr.B.Sathyasri ,A.Balaji,S.Vanaja,Rahul Krishnan,Y.Deepika	Automatic Number Plate Recognition System for Entry and Exit Management	Communication and Electronics Systems	2021
56	Dr.G.Aloy Anuja Mary ,S.Vanaja,Rahul Krishnan,Y.Deepika	Novel technique for identification of false coconuts to avoid genetic disease using classifiers	Intelligent computing and communication	2021
57	Imran Javeed Settu,, Aloy Anuja Mary G , Anto Bennet M	Hybrid Spectrum Sensing Based on Adaptive Threshold Joint Correlation and Energy Detection For Cognitive Radio Network	ENGINEERING FACILITIES MAINTENANCE AND MANAGEMENT TECHNOLOGIES	2021
58	R. Uthirasamy, V. Kumar Chinnaiyan, U. S. Ragupathy , S. Vishnu Kumar	Design and Implementation of Discrete Controller-Based Zeta Converter for Solar Power Applications	Lecture Notes in Electrical Engineering	pp 61–69 , 2022
59	J,Hemalatha,R.Priyanka ,M.Prathyusha, Dr.M.A nandan	Design Of 2X2 Mm Wave Microstrip Antenna For 5G Applications With Dgs	Inventive Electronics & Telecommunication Systems, NCKIETS - 2021.	pp 1-5,2021
60	R Ramasamy, R Rajkumar , Sathyamoorthy Sellapillai, M Vasim Babu, Vinoth Kumar C N S.	A Compact Circular Shape Patch Antenna For Iot Applications	NCKIETS-2021	pp 1-6,2021
61	T.Aathmanesan,M Saravanan	Design And Development Of Novel Micro Patch Antenna For 5G Mobile Applications	ICRISET-2021	2021
62	T.Aathmanesan,M Saravanan	Micro Patch Antenna For Next Generation Mobile Applications	NCKIETS-2021	2021
63	T.Aathmanesan,M Saravanan	Compact Circular Patch Antenna For 2.4 Ghz Wifi Applications	ICETEEE-21	2021
64	T.Aathmanesan,M Saravanan	Design An Rf Filter Using Ultra Wide Band (Uwb) Communication	ICETIC 21	2021
65	Jana	A TRANSFER LEARNING APPROACH FOR SORTING AND GRADING OF FRUITS	National Conference on Communication and Signal Processing Applications	2021
66	B.Venkataramanaiah	Early prediction of brain disorders by Machine learning classifiers	Multidisciplinary innovation in academic research	2021
67	Dr.G.Aloy Anuja Mary , ABISHEK S, APARNA SEKHAR RS	COMPARISON STUDY OF NON ORTHOGONAL MULTIPLE ACCESS SCHEME WITH ORTHOGONAL MULTIPLE ACCESS SCHEME	Communication and Signal Processing systems	2021
68	K.Aanandha Saravanan, Dr.G.Aloy Anuja Mary , Dr.Sathyasri ,	Energy efficient Cluster based Endorsement for heterogeneous Wireless Sensor Network	Recent Innovations in Science, Engineering & Technology	2021

	Mr.A.Farithkan			
69	Dr.G.Aloy Anuja Mary , T.Athmanesan	Design and Development of Novel Micro Patch Antenna for 5G Mobile Applications	Recent Innovations in Science, Engineering & Technology	2021
70	Mr.Vijaya Vardan Reddy SP Dr.B.Sathyasri A.Balaji S.Vanaja Rahul Krishnan Y.Deepika	Future Driver assistant with reconfigurable on -Board Diagonistics System	I-SMAC-2021	2021
71	Vinod K S , CH. Harish Babu,K.Shiva Kumar,M. Narayana Reddy	Performance Comparison of Screen Sharing Applications	Emerging trends in Electrical and Electronics engineering	2021
72	Vinod K S	Clustering Techniques for Enhancing Supervised Classifiers in Anomaly Detection	Artificial intelligence and machine learning	2022
73	Farithkhan A, Dr.G.Aloy Anuja Mary	DESIGN OF DECENTRALIZED CONTROL FOR SWARM OF UAVS	Communication and Signal Processing systems	2021
74	Farithkhan A, Dr.G.Aloy Anuja Mary,T. Aathmasan	Micro Patch Antenna for next generation mobile application	NCKIETS-2021	2021
75	Farithkhan A, K. Saravaran, Senthil kumar, , M Mohanasundaram, Dr G M Tamilselvan	Intelligent vehicular Traffic signal control for vehicular Ad-hoc Networks	ICCCTSD-2022	2022

BOOKS / BOOK CHAPTERS

2018-19

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	R. Sreelakshmy & G. Vairavel	RF Energy Harvesting Using a Single Band Cuff Button Rectenna: Proceedings of the International Conference on Communications and Cyber Physical Engineering 2018	Lecture Notes in Electrical Engineering	vol. 500, pp.367-374,2019
2	Prasanna Ram, Manoj Aravind Sankar & N. G. Renganathan	Studies on carbon materials-based antenna for space applications	Lecture Notes in Mechanical Engineering	pp. 311 - 329 , 2019
3	Dr. Selwin Mich Priyadharson. A, B. Saroja	Adaptive Pillar K means Algorithm to Detect Colon Cancer from Biopsy Samples –Electronics and Communication Engineering –	CRC Press,Taylor and Francis Group	pp. 1 - 22, 2018

		Applications and Innovations.		
4	Dr. Selwin Mich Priyadharson. A, S. Bradleigh Vinson, B. Senthil Kumaran	Development of Simulation Model for Effective Testing and Verification of Servo Vacuum Booster	Springer Link - Lecture Notes in Mechanical Engineering book series (LNME)	pp. 27 - 32, 2018
5	Dr.S.Natarajan	New Algorithms for Gray Scale Image Compression	Lambert Academic Publishing	978-613-9-88653-1
6	Dr.G.Sasikala; V.Ramesh Kumar	Development Of Advanced Drives Assistance System Using Intelligent Surveillance	Lecture Notes on Data Engineering and Communications Technologies	Pg No: 991-1003, 2019

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2019-20

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	Dr.T.Kavitha, C R Angel Reena,	Smart Museum Using LiFi Technology	Lecture Notes On Data Engineering And Communication Technologies	pp. 936 - 942, 2020
2	Dr.N. Herald Anantha Rufus	Design of Electrical Apparatus	Sri Krishn Hitech Publishing company pvt.ltd,November 2019	2019
3	Dr.S.Natarajan	Lecture Notes on Digital Electronics	Dr.S.Natarajan	Nil
4	Dr.Suresh P	Frontiers in Materials and Smart System Technologies	Materials, Science and Engineering, IOP Conference series, Vol. 590	vol 590

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2020-21

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	C. R. Bharathi,Alapati Naresh, Arepalli Peda Gopi ,Lakshman Narayana Vejendla	A Node Authentication Model in Wireless Sensor Networks with Locked Cluster Generation	IGI Global, USA	pp 236-250,2021
2	Dr.M.Anandan,Rajeshwari and Gobinath Arumugam	Suppression of Radiated Emission in High Speed Printed Circuit Board using Defected Ground Structure	LAP LAMBERT Academic Publishing	2021
3	Dr. L. Balaji,A.Dhanalakshmi	Satellite Communication	ARS Publications	2021

4	Dr.S.Ayshwarya lakshmi,Dr.T.Kavitha,Dr.S.Jana	Problem solving and python programming	JBR TRI SEA PUBLISHERS	2021
5	Dr Nagarajan p,Dr Kavitha Thandapani,Dr Malliga Lakshmanan	Advanced Embedded System Design	LAP LAMBERT Academic Publishing	2021
6	SubithaD,Chandral,Raja	Recent Trends in Communication and Electronics	CRC Press, Taylor and Francis Group	2021
7	Begum, A. Rijuvana, and S. Jana	'Edge Detection Using Modified Third Order Edge Mask for Grayscale Medical Image Segmentation	Advances in Smart System Technologies. Advances in Intelligent Systems and Computing, Springer Singapore	pp. 507-517,2021
8	M Muthumari, Diana, Ambika	"Analysis: A Neural Network Equalizer for Channel Equalization by Particle Swarm Optimization for Various Channel Models." Role of Edge Analytics in Sustainable Smart City DevelopmentChallenges and Solutions	Wiley	pp. 67-83, 2020
9	S.Sridevi, Shanmugakumaran, sakthivel, kavitha	Computer-aided decision support system for symmetry-based prenatal congenital heart defects.	Elsevier, Science direct, Advanced Machine Vision Paradigms for Medical Image Analysis	pp. 11-53, 2021
10	Sri Jamiya, P.Esther Rani	An efficient method for moving vehicle detection in real time video surveillance	Advances in Smart System Technologies. Advances in Intelligent Systems and Computing, Springer Singapore	pp. 577-585, 2021
11	Rajeshbabu Chitikena and P.Esther Rani	Time varying analysis of channel estimation in OFDM	Advances in Smart System Technologies. Advances in Intelligent Systems and Computing, Springer Singapore	2021
12	Kalaiaarasi and P.Esther Rani	A comparative analysis of Alex net and Google net with a simple DCNN for face recognition	Advances in Smart System Technologies. Advances in Intelligent Systems and Computing, Springer Singapore	2021
13	A. Selwin Mich Priyadharson, S. Vinson JoshuaA.	"Lab VIEW and PID action based brake lever effect for validation of Servo Vacuum Booster"	Springer Link - Lecture Notes in Mechanical Engineering book series (LNME)	2021
14	K.Sambath Kumar	Machine learning classifiers in Healthcare	CRC press	2021
15	E. D. Kanmani Ruby; P. Janani; V. Mahalakshmi; B.	Recent trends in wearable device technology for health	IGI global, Handbook of Research on Innovations and	pg no: 129-147, 2021

	Sathyasri; S. Vishnu Kumar	state monitoring	Applications of AI, IoT, and Cognitive Technologies	
16	P. Janani; Siddhant Verma; S. Natarajan; Aditya Kumar Sinha	Automotive Vehicle-to-Everything (V2X) Communication Using IoT	Advances in Intelligent Systems and Computing	Vol. 933, pg no: 195-204, 2020
17	A. Selwin Mich Priyadharson, S. Vinson Joshua	Lab VIEW and PID Action-Based Brake Lever Effect for Validation of Servo Vacuum Booster	Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering	pp.435-442
18	A. Selwin Mich Priyadharson, S. Vinson Joshua	Exclusively Automated Agricultural Engineering System using PLC-HMI and ZigBee based WSN	Advances in Automation, Signal Processing, Instrumentation, and Control	Nil
19	Shiyamala S. Vijay Soorya J.Sanjay P. S. and Sathappan K.	Network-On- Chip For Low Power Map Decoder Using Folded Technique And Cordic Algorithm For Various Wireless Applications	IGI Global - Design Methodologies and Tools for 5G Network Development and Application	2021
20	Britto Pari J, Mariammal Karuthapandian and Vaithiyanathan Dhandapani	An Optimized Fpga Architecture For Sleep Level Categorization Using Fuzzed Utilized Machine Learning Approach	IGI Global, an international publisher of progressive academic research.	2021
21	Dr.B.Sathyasri ,P. Janani ,V. Mahalakshmi	Redistribution of Dynamic Routing Protocols (ISIS, OSPF, EIGRP), IPv6 Networks, and Their Performance Analysis	Recent Trends in Communication and Intelligent Systems	2021
22	Sathuluri Mallikharjuna Rao; G. Sasikala	Reconfigurable Antenna for Satellite Applications Using Micromechanical Actuation Switches	Book Publisher International	2020
23	Dr.P.Suresh; G. Vairavel; U. Saravanakumar	Design Methodologies and Tools for 5G Network Development and Application	IGI global	2020

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2021-22

S. No	Name of author	Title of the paper	Name of the journal/Conference	Vol.No., Issue No., Page No.,Year of publication
1	T. Vignesh, K. K. Thyagarajan, L. Balaji & G. Kalaierasi	Implementation And Performance Analysis Of Various Models Of Pcnm For Medical Image Segmentation	Intelligent Computing and Innovation on Data Science	vol 248,pp73-84,2021

2	Dr. V. Koushick, J. Eindhmathy & Dr. C. Divya	“Speech Emotion Recognition”,Advances In Science, Technology And Innovations	Advances in Science, Technology & Innovation (ASTI)	Vol 14, pp 192-211,2022
3	S.Aswath,R.S. Valarmath, CH.Mohan Sai Kumar; Pandiyarajan	Highly Secured Steganography Method for Image Communication using Random Byte Hiding and Confused & Diffused Encryption	Springer in Lecture Notes on Data Engineering and Communications Technologies	2022
4	S G Rahul; R. Chitra; G. Srinivasa Sudharsan; A. Amruthavalli	Algorithms for Intelligent Systems - Regulation of Blood Glucose Using Auto-Tuned PID Controller in Healthcare Systems	Springer, Singapore	Pg No:263-271 2022
5	Dr.G.Aloy Anuja Mary, Dr.B.Sathyasri, Dr.S.Arunmozhi selvi. A.Viji Amudha Mary	Cognitive Radio	Scientific International Publishing House	2022
6	M. Malathi (1) ,G. Aloy Anuja Mary (2),J. Senthil Kumar (3),P. Sinthia (4),M. Nalini	An Estimation of PCA Feature Extraction in EEG based Emotion prediction with Support Vector Machine	An Indo-European Conference on Data Analytics &Management”, organized jointly by Jan Wyzykowski University Poland	pp 651-664 : 2022

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S. No.	Title	Ref. No	IPR Filed Date	Published Date, if any	Name of the Faculty	Status
2019-20						
1.	IOT Integrated Solar Based Smart Irrigation System	202041005568 A	08/02/2020	14/2/2020	Ms.P. Sailaja,Mr. L Franklin Telfer, Ms. M.Brenda ,Dr.V.Nag araju,Dr.S.K.Rajesh kannu,Dr.P.Deiven dran,Dr.B.R.Tapasb apu	Grante d
2.	Graphene Based Dome Shaped Phased Array Antenna For Space Communication	336136	07/08/2014	28/04/2020	Prasanna Ram ,Gowrishankar Rao,N.G.Renganathan	Grante d
3.	WHEEL CHAIR CONTROLL ED BY HEAD MOTION USING ARDUINO	201941031326	02/08/2019	-	V.PURUSHOTHAM AN	Applied
2019-2020						

1	RAFT FOR MONITORING SEA WATER AND OHC SAFETY SYSTEM FOR AQUATIC ANIMAL USING WIRELESS PERSONAL AREA NETWORK	202041028764	07/07/2020	31/07/2020	Dr. V. R. Prakash, Dr. M. Saravanan Dr. V. Rajmohan Anumuthu Priya Dr. Suraya Mubeen Dr. A. Punitha S. Raghupathi Dr. M. Suganthi	Publish ed
2	Chest Strap For Heart Attack Prediction Using Internet Of Medical Things With Deep Learning Algorithm	202041048476	06/11/2020	13/11/2020	Dr.G.Niranjana ,Dr.S.Lokesh , Dr.R.Prabha,Mrs.N. Deepa,Dr.N.Prasat h , Dr.A.Poongodai ,Dr. C. Dhaya, Mrs.A.Saranya , Dr. S. Oudaya Coumar , Mr.D.Prabakar ,Dr.R.Naresh ,Dr.R.Delshi Howsalaya Devi	Publish ed
3	WBAN BASED HEALTH MONITRING SYSTEM AND A METHOD THEREOF	202041043262	05/10/2020	09/10/2020	Dr. V. Kalpana,Mr. J. Arun Pandian, Mr. T. Aathmanesan , Mr. K. Karthikeyan,Mr. E. P. PRAKASH,Dr. D. Jebakumar Immanuel, Ms. P. Ramya	Publish ed
4	Automated Pollution Monitoring and Controlling System to ensure safety inside closed Air conditioned Vehicles	202141004580 A	03/02/2021	12/02/2021	Dr. Mahaboob basha s,Dr. Arun.a,mrs. Bhuvaneswari v,Dr. B. Srinath,Dr. Pardeep kumar,Dr. S. Yuvaraj, Dr. C r bharathi	Publish ed
5	A CNN BASED MODEL FOR DISEASE CLASSIFICATION USING HIGH TEMPORAL AND SPATIAL RESOLUTION IMAGES OF	2020103304	23/12/2020	-	Anandan P	Applied

	SIMULTANEOUS EEG-MRI					
6	Smart Vehicle Locking and Theft Identification System	202041054167 A	26/02/2021	-	Dr.S.Velmurugan	Applied
7	Land Evaluation System for Crop Cultivation - A Neural Network Approach	202141009526	12/03/2021	-	Dr.S.Velmurugan	Applied
8	Group Activity Recognition by Integration and Fusion of individual Multisensory IoT Data	2020102094	23/09/2020	-	Dr.S.Velmurugan	Applied
9	3D Printing and Additive Manufacturing Process for Rapid Manufacturing of Customized Bio Implants	2020102205	05/09/2020	-	Dr.S.Velmurugan	Applied
10	IOT Based Optimization of Solar Power Generation for Efficient Management of Smart Cities	202041046305	06/11/2020	-	Mr.S.Aswath	Applied
11	Method of Energy Harvesting Using Various Battery Mixers and Intelligent Battery Management System	202141002571 A	12/03/2021	-	Daisy Merina; Dr Saravana Ram; Dr. Lordwin Cecil Prabhakera	Applied
12	Smart Emergency response system suits with search and rescue dogs first responders using voice command and MEMS technology	202041028754 A	06/07/2020	10/07/2020	Dr. J. K. PERIASAMY; S. MEERA; M. SELVI; Dr. D. BALASUBRAMANI AM ; R. OHMSAKTHI VEL; K. KAVIN KUMAR; Dr. J. MOHANA; Dr. B. MUTHUVEL	Publish ed
13	An Accident Prediction System For Electric Vehicle Using Ai	202111015818	03/04/2021	23/04/2021	Dr.Kedri Janardhana ,Mrs.Indhumathi G, Dr. K. Rajeshwar Rao, Dr. S. Vijayalakshmi , Mr.S.Vivekanandan , Prof. Dharamvir ,Mr. R G	Publise d

					Padmanabhan,DR.L .Arokia jesu prabhu, Mrs. Bhawna Singh, Dr. Neeraj	
14	An AI Based System Glucose Monitoring And Determining Complicance	202141020401	04/05/2021	11/06/2021	. Ms.M.Prabha, Ms.R.Bhavani, Dr. Manish Upadhyay,M.Vijaya ragavan , Mrs.M.Devika Rani , Dr. T. Prasanth , Dr. S. Vijayalakshmi , Dr.S.Sharon Priya,Kakirala Durga Bhavani,Mr.A.Muth uraman	Publish ed
15	Digital Signal Processing Techniques In Wireless Sensor And Actuators Networks For Long Range Environmental Monitoring	2020101595	31/07/2020	26/08/2020	Vijayan K , Mazher Iqbal J L , Arulnanthisivam Swaminathan ,Jaya T ,Rajendra Babu Y ,Manoj Pandey ,Kuzhaloli S ,Prashant Mani,Neha Goel ,Sandeep Kakde	Publish ed
16	Novel Strategy For Identification Of Hurdles In Agriculture Fields Through Integration Of Deep Learning And Detection Anomaly	202041056793	29/12/2020	-	Dr. M. Baska,Dr. V. Anbarasu,Dr. J. Ramkumar, Dr. A. Suresh , Dr. S.P. Anandaraj, Dr. P. Karthikeyan , Dr. J. Brittopari ,Dr.T. R. Saravanan,Dr.K. Arthi	Publish ed
17	Hybrid Machine Learning Inattention Framework for Planning and Execute over optical Communication	202141003671 A	27/01/2021	05/02/2021	1)Dr.M.Umadevi, 2)Dr E D Kanmani Ruby(2) , 3)Dr. K. Sriprasadh, 4)V.R Niveditha,	Publish ed

					5)Amandeep Singh K, 6)Dr.N.G.Thangamma, 7)Dr. K. Umapathy	
18	Design and Implementation of women safty system based on IOT technology	202141003671 A	23.03.2019	02.10.2020	1.Dr.B.Sathyasri , 2.U.Jaishree Vidhya, 3.G.V.K.Jothisree, 4.T.Pratheeba, 5.K.Rangapriya	Publish ed
19	Analyzing patient health information based on IoT sensor with AI for improving patient assistance in the future direction	20211100048	01.06.2021	-	Aanand , Sujatha Jamouna, k.prasanna Lakshmi, Gurusamy, Ravikumar, L.Karthikeyan, M.SivarathinaBala, Mrs.C.Ambika Bhuvaneswari(8) , Dharmalingam	Publish ed
2021-22						
1	Balance Antipodal Vivaldi Antenna For Df And Ecm Systems	202141054891	26/11/2021	-	Harikrishna Paik , K Premchand	Publish ed
2	An Novel Method -Intelligent Safe Home System For The Elderly People.	2021106380	21/08/2021	19/01/2022	M., Sangeethapriya; M., Venkatesh;; Julius, L. Jerart; Paulswamy, Sathees Lingam; C., Renit; T., Kavitha ; Roobert, A. Andrew; Arunodhayamary, Sherly; A., Allan Bridjith	Publish ed
3	An Iot And Machine Learning Based Method Of Communicating A Digital Message With An Information Signal	202241006301	06/02/2022	11/02/2022	Mr. J. Jagannathan, Dr. C. Divya, Mr. V. Koushick , Mr. G. Sivakannu	Publish ed

4	Method To Transfer Electronic Medical Information In Secure Cloud Environment Using Blockchain	202241011957	05/03/2022	11/03/2022	Dr. C. Divya, Dr. V. Koushick ,Mr. J. Jagannathan	Publish ed
5	Foldable Electric Vehicle	351533-001	20/10/2021	-	Jana	Applied
6	Multimode image fusion technique for automated correlation identification in medical images	2021105871	18/08/2021	03/11/2021	Dr. Neelamegam D	Publish ed
7	Integrated approach by image processing and neural network to identify health of the plant	202141044820	04/10/2021	05/11/2021	Dr. Neelamegam D	Publish ed
8	Covid i9 detection using advanced CNN	202141050728	05/11/2021	19/11/2021	Herald Anantha Rufus N	Publish ed
9	A Portable EV Charging Station for car Parking Area	354197-001	12/12/2021	-	Herald Anantha Rufus N	
10	SWITCHBOARD WITH INBUILT AUDIO PLAYER	346035-001	09/07/2021	-	Dr Mahaboob Shareef Syed, Dr. Venkatesan M, Dr.Lordwin Cecil Prabhaker , Dr.Saravana Ram, Dr.Mohammed Asif M	Applied
11	5G NETWORK FROM SPACE USING AI AND MACHINE LEARNING	202241004564	27/01/2022	04/02/2022	Mr.Samraj S, Dr.S.Janani, . Mr.Dhinakaran M, Dr.G.Sasikala , Mr. Saravanakumar Pichumani, Dr. Uma Priyadarsini P S, Mr. R. Anbunathan, Ms. Manimegalai L, Ms. Abinaya B, Darwin Nesakumar A	Publish ed
12	An Embedded Low Cost Robot for Detecting Alive Human Present	202241007776	14/02/2022	18/02/2022	Dr.G.Sasikala , Dr.Hariharan I, Mr.Sathiyandraku	Publish ed

	Operations				mar Srinivasan, Dr. Jayakumar L, Ms. T.D.Subha, Mr. Arun M, Dr.A.Selvarani, Dr.K.Vijayalakshmi, Dr. R Ramya, Dr.V.Samuthira Pandi	
13	Peak Detection Based Energy Detection Of Aspectrum Under Rayleigh Fading Noise Environment	202141041465	15/09/2021	-	A. Sai Suneel, Dr. S. Shiyamala , Dr. V. Ramakrishna , Rebaka Suneel Kumar, . T. Nirmala, Varikuti Nawa Deepthi , Sistla V. Sudheer Kumar , Dasari Lakshmi Mythri , N. Sai Lohitha , Badabagni Lakshmi Devi , Thiruveedhi Mounika , Vinnakota Venkata Subba Naga Sainidhi , Desareddy Lakshmi , Syed Dilshad Reshma	Publish ed
14	IoT based Automatic Waste Management and Segregation System using embedded systems	202241059479	04/02/2022	-	Mr. D. Christopher Selvam, Dr.P.Kalpna Devi ,Dr Bhupender Singh ,Dr. Thaneswer Patel ,Dr. V Nagaraju,Chobe Santosh Subhash,Prof. Dr. Dinesh Gupta	Publish ed

15	A SYSTEM FOR CARDIAC OUTPUT ESTIMATION & PREDICTION USING MACHINE LEARNING INTERFACES AND METHOD	202121055035 A	28/11/2021	10/12/2021	1)Dr.Hiren Madhukar Dekate, 2)Dr.B.Sath yasri, 3)Ms.Padmini Kuppala, 4)Dr.M.Sunil Kumar, 5)Dr.Sushma Jaiswal, 6)Mrs.P.Neelima, 7)Mr.Tarun Jaiswal,8)Ms.Taher a Abid, 9)Ms.Zahoor a Abid, 10)Dr. Rajesh Kumar Rai	Publish ed
16	IoT Driven AI-Based Intelligent Streetlight Monitoring System Using Micro Controller	202241014455	16/03/2022	-	Dr.S.Thenappan,M r.Syedmusthaba Aneefa, Dr.V.Nivedita, Ms.N.Pranathi Prasad, Dr.Poovendran R,Dr.A. Vijayalakshmi, Dr.Ebenezer Abishek.B,Dr.Senth ilkumar C, Mrs. K.A.Indu Sailaja, Dr.P.Marish Kumar	Publish ed
17	IOT AND WIRELESS SENSOR NETWORK BASED INTELLIGENT HOME BELL SYSTEM FOR EFFECTIVE HOUSE PROTECTIONS	202141055255	29/11/2021	10/12/2021	1 . Dr. SUJESH P LAL, 2 . Dr.G.Aloy Anuja Mary,3 . Dr.Arun Mozhi Selvi,4 . Dr. I. Felcia Jerlin,5 . Mr. Y. M. MAHABOOBJOHN, 6 . Dr. Ashim Bora,7 . Dr. K Sreerama murthy,8 . Mr. Viswanathasarma	Publish ed

					Ch,9 . Dr. Arun Kumar Pallathadka,10 . Dr. Harikumar Pallathadka	
18	IoT Based Automated ration Delivery Computing sytem with Improved Transarency	202241011362	03/03/2022	25/03/2022	Dr.P.Bhuvaneshwari ,Dr.D.Rammurthy, Dr.Basker Pant,Mr.Pankaj Sahebrao Umate,Dr.A.B.Paw ar,Dr.M.A .Jawale,Mr.Rahul Neware	Publish ed