

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Sl. No	Author Name	Title of the paper	Name of the conference	National / International	Venue	Year of publication
2019-20						
1	Dr.B.T . Geetha	A closed loop PWM based novel model for speed control and power factor correction for BLDC motor"	International Conference on Recent Trends in Aero Science and Engineering & Technology	International	Jeppiaar Institute of Technology	Sep-19
2	Dr.B.T . Geetha	Automatic Railway Path Tidiness Method With ARDUINO	International Conference on Recent Trends in Aero Science and Engineering & Technology	International	Jeppiaar Institute of Technology	Sep-19
3	Dr.B.T . Geetha	A Literature Review On Sensorless Control Method For Dfig Based WECS	International Conference on Recent Trends in Aero Science and Engineering & Technology	International	Jeppiaar Institute of Technology	Sep-19
4	Dr.B.T . Geetha	Programmed Booking Scheme To Charge Power-Driven Vehicle At Charging Station	International Conference on Recent Trends in Aero Science and Engineering & Technology	International	Jeppiaar Institute of Technology	Sep-19
5	Mrs.W.Nancy,Ms.A.Parimala, Ms.R.Rubala	Implementation of restroom automation system using IR sensor	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	06-09-2019
6	S. Mary Cynthia, W. Nancy	A Review On Substantia Alba (white Matter) Segmentation from MRI for Myeline Quantification	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	06-09-2019
7	Tonie Raalph C, Pureshohaman U, Benisha M, ThandiahPrabhu R	Different Antenna Design Techniques For Nano Satellite	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	06-09-2019
8	R.Thandiah Prabu, V.Yokesh, A.Hirannais, B.Madhumitha	Survey On Smart Bike For Traffic Police Assistance	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	06-09-2019
9	Benisha M	Design, Analysis, Modelling and Simulation of Thermal Control Systems for satellites	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	06-09-2019
10	R.Thandiah Prabu, M.Mugeshkumar, V.Manokaran, A.Sanson, S.Sidharth	Survey on MIMO Antenna for 5G Application	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla'19)	International	Jeppiaar Institute of Technology	Sep-19
11	A.Parimala, Mary Cynthia, R.Ramakala	Downlink Performance Improvement Scheme for Rake Receiver Assisted CDMA System	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla'19)	International	Jeppiaar Institute of Technology	Sep-19
12	L.M. Merfin Livingston	Optical Character Recognition System Using Raspberry pi3 To Assist Impaired People	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla'19)	International	Jeppiaar Institute of Technology	Sep-19
13	Mr.M.Siva, Mrs.R.Uma, Mrs.R.Ramakala	Implementation Of Efficient Testable Path Selection In VLSI	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla'19)	International	Jeppiaar Institute of Technology	Sep-19
14	R.Ramakala, Dr.R.Uma, A.Parimala	IoT Based Automatic Tyre Sorting System	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla'19)	International	Jeppiaar Institute of Technology	Sep-19
15	Dr.R.Uma, R.Ramakala, M.Siva	Delay and Power Model for Gate Diffusion Input Technique Based on Logical Effort	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	Sep-19
16	Mr.D.JoshuaJeyasekar	Adaptive Weiner Filtering For Life Threatening Arrhythmias ECG Signals and Classification Using Neuro SVM	International Conference on Recent Trends in Aero Science and Engineering & Technologies" (Techzilla '19)	International	Jeppiaar Institute of Technology	Sep-19
17	Benisha M	Energy Harvesting And Mobile Charging From Ambient RF Radiation Using Microstrip Patch Antenna	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
18	M.Benisha, Gowri M, DivyaPriyadarshini R, S.Arul	Review and design of Arduino Based Wearable Device for Child Safety	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
19	V.Yokesh, M. Benisha, R.Thandiahprabu, O.Raj, R.Ragul Kannan	Microstrip Antennas for Satellite Communication	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19

20	Shilpa, W.Nancy, Priscilla X, Vaishnavi D	GSM Based Automated Paralysis Patient Health Care System	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
21	Hemalatha K, Meenakshi M, Meghadevi PR, Shalini D, Mrs. Mary Cynthia	Patient Health Monitoring System Using ARM-7	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
22	Betty Vefelin Raj B , Prathipa K, Sivakeerthana A V , Rubala	IoT Based Ubiquitous Health Care System	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
23	Mr.D.JosuaJeyasekar	Virtual Reality (Hologram) Based Supply System Management Post Flood	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
24	W.Nancy, Priyadharshini A, Keerthika E, Krihika S, Dhanalakshmi K	Development of a Pedestrian Guidance for visually challenged & Blind	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
25	R.Rubala, M.Benisha	Design of Smart Controller for Efficient Domestic Cashew nut Cutting Machine	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
26	M.Benisha	Hand Gesture Control Wheelchair for Disabled People	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
27	M.Benisha	Assistive Stick for Visually Impaired People	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
28	M.Benisha	Survey on Bedsores prevention in Physically Disabled Bedridden patients	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
29	M.Benisha	A Non Invasive customized Motor Device for Diabetes Diagnosis	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
30	L.M.Merlin Livingston	AUTOMATIC DETECTION OF RAILWAY SURFACE DEFECTS	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
31	L.M.Merlin Livingston	PH LEVEL MEASUREMENT AND MONITORING VIA WSN	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
32	A.Parimala	ASGR: An Artificial Spider-Web-Based Geographic Routing in Heterogeneous Vehicular Networks	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
33	A.Parimala	AN EFFICIENT AHT ALGORITHM FOR MOBILE IPTV	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
34	Benisha.M	WIRELESS ROBOT MOVEMENT CONTROL SYSTEM USING MOBILE PHONE/GSM	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
35	W.Nancy	EVENT DETECTION IN WIRELESS SENSOR NETWORKS BASED ON EMPIRICAL DISTRIBUTION	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
36	R.Rubala	BiPaD -WALKING ROBOT	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
37	R.Rubala\	F R A M E - FACE RECOGNISED ACCESS MANAGEMENT EQUIPMENT	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
38	R.Thandaiah Prabu	MICROCONTROLLER DESIGN USING VHDL WITH LCD INTERFACE	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
39	R.Thandaiah Prabu	DIGITAL SET TOP BOX FOR CHANNEL SELECTION USING FPGA REALISATION	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
40	V.Yokesh	SensePods: A ZigBee-Based Tangible Smart Home Interface	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
41	V.Yokesh	A Quality-oriented Data Collection Scheme in Vehicular Sensor Networks	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
42	S.Mary Cynthia	DESIGN AND DEVELOPMENT OF AUTOMATIC EASY BILLING SYSTEM	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
43	Mrs.S.Mary Cynthia	A Mobile Based Application for Women Protection	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19

44	Mrs.S.Mary Cynthia	Mrs.S.Mary Cynthia	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
45	Kalayarasan K , Niranjan.CB, Sanju Rajan.P, Sathish.R, W.Nancy	Cancer lump detection using convolution neural network	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
46	Mrs.S.Mary Cynthia	A Flash Flood Early Warning System Algorithm and Architecture	International Conference on Recent Trends in Aero Science and Engineering & Technologies (Techzilla '19).	International	Jeppiaar Institute of Technology	Sep-19
47	Ms.A.Parimala	Accident severity Detection using IOT	International Conference on Green technologies for power generation, communication and health care	International	St.Peter's Institute of Higher education and Research	June 6-2020
48	Mrs.S.Mary Cynthiya L.Ashwini K Malathi	Smart stretcher and integrated medical intelligence system for unconscious person	7th International Conference on advanced computing & Technologies (NCACT'20)	National	Vellammal Engineerin	March 14, 2020
49	Ms.Bhavani Suruthi, Mrs. Rubala R, Mrs. Caroline Claude, Mrs. Jhaisei Rani	Precise bit error rate calculation for asynchronous turbo based DS-SS/CDMA over multipath channel	International Conference on Green technologies for power generation, communication and health care	International - E-Conference	St.Peter's Institute of Higher education and Research	6th June,2020
50	Ms.Bhavani Suruthi, Mrs. Rubala R, Mrs. B.V.Kavaetha, Mrs.P.Mahalakshmi	Job of firewall technology in network security	International Conference on Green technologies for power generation, communication and health care	International - E-Conference	St.Peter's Institute of Higher education and Research	6th June,2020
51	Ragul Kannan R, Vijay Anand R, Dr.R.Uma Dr.S. Arul	Design Of Full Adder Using Dual-Rail Domino Logic	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
52	Reena Gladus,K,Bhavani Suruthi,S, Asfiya Naaz,A.I, Ms.R.Rubala	Receiver Diversity Combining Using Evolutionary Algorithms in Rayleigh Fading Channel	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
53	India B S, Asfiya Naaz A I, Reena Gladus K, Mary Cynthia S	Portable Low Vision Video Magnifier with Voice Output	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
54	Bhavani Suruthi, S, Reena Gladus K, India. B. S, Dr. Uma. R	Recursive Multiplier And Comparison Between Array, Wallace Add Dadda Multipliers	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
55	Gopika CA, Sangavi L, Mrs.S.Mary Cynthia	Proper Condition And Stability Of Bridge Is Monitored Using Raspberry Pi Processor	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
56	R.Gowri , A.D.Sathya , R.Divya, Ms.Mary Cynthiya	Evolution of Large Capacity Fiber to the Home Technology (FTTH) in competition with other wireless technologies	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
57	S.Mary Cynthia , G.Kalaiselvi, A.Karunya, Divya R	Arduino Based Vibration Detector And Alarm System	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
58	s.v.surya prabha, s.preeha,S.Mary Cynthia	Arduino Based Automatic Solar Tracking System With Mirrors	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
59	Tonie Raalpb C, Alwin Revanth P, Thennarasu P, Dr.R.Uma	Design Of Full Adder Using GDI Technique	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
60	A.Parimala, D.Priyanka, G.Vishnupriya, H.Santhoshini	Real-Time Hand Gesture Recognition Robot	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
61	Asfiya Naaz A.I, India B.S, Bhavani Suruthi,S, R.Rubala	Dynamic Load Balancing In Lite Network	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
62	A.Parimala, D.Naveen kumar,S.Haribaran, M.Ramkumar,	Coal Mine Safety System Using Raspberry Pi	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
63	Avil Anisha, Mahalakshmi, Mrs.S.Mary Cynthia	A Compact SIW IBandpass Filter For Wideband UWB Applications With Split Ring Resonator	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
64	Raj.O, Adithyan S, Pravin A, Saravana Kumar.D, Una R	Design of Parallel prefix adder using high speed and low slice utilization of FPGA	National Conference on Hardware Security- NCHS'20	National - E Conference	Arupadai Veedu Institute of Technology	25 & 26 June 2020
65	CHARMATHI K, D.DHARINI, NVIDYALAKSHMI, S.MARY CYNTHIA, KAVETHA B V	A Protection Method of Forest Trees Against Poaching Using WSN Node	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
66	HARIHARAN.S, ELANCHEZIAN P.K., RAVICHANDRAN R.S, VASANTH KUMAR S, SIVAM	Design of Low Power And High Speed Recursive Parallel Multiplier	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
67	HEMAPRIYA S T, SATHYA R, SWATHIKA G, DR.R.UMA, P.MAHALAKSHMI	Forest Monitoring and Alert System	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.

68	K. SWETHA, T.NIKITHA, SHARSHITHA, DJOSHUA JEYASEKAR	Wireless ECG Detector	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
69	KAYALVIZHI P, JHANSI RAN S, CARLINE CLAUDE R	Wireless Communication Technologies	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
70	MONISHA R, SAMBAVI S, HARIDEEPIKA B.P.L., JOUSHA JEYASEKAR,D	Indoor Navigation Using Visible Light Communication for Blind	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
71	MRS W. NANCY, PARIMALA A, RAGUL KANNAN R, PAVITHRA R, BHAVANA DEVI G	Attendance Management System Using Contourlet Algorithm	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
72	N. SUMANTHA, AVISHNUPRIYA, S.PRIYANKA, SIVAM	Design Of 3x3 Reversible Gate Using Combinational Circuits	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
73	PARIMALA A, W.NANCY, R.RAGUL KANNAN, C, TONNIE RAALPH, R, VIJAYANAND	Adaptive Hybrid Transmission Scheme for Mobile IPTV	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
74	TONIE RAALPH C, NANCY W, RAHUL KANNAN R, ALWIN REVANTH P, S.REVATHY	Human Hand Prosthesis Based on the Generation of EMG Signal	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
75	VIGNESHWARAN S, HARIHARAN S, VIGNESH P, RUBALA R, V,ANGAYARKANNI	Health Monitoring Using Wearable IOT Sensor	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
76	VIJAYANAND R, RAGUL KANNAN R, RUBALA R, Dr.S.Anul, GOGUL KANNAN R	Development of Receiver SNR Ratio Using Diversity Combining Techniques	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
77	RAHUL RAJ A, GURU KARTHIK S.R, SATHYA NARAYANAN P.V.L, BENISHA M	Guiding and Controlling Boat Using Wireless System	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
78	Dr.L.M.Merlin Livingston	Information Retrieval Using Embedded System	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
79	GOWRI POOJA, THANDALAH PRABHU, M.BENISHA	Analytical Survey on Ultrawide Band Antenna for Lower Band 5G Applications	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
80	KARTHIKEYAN S, DR.L.M MERLIN LIVINGSTON, DEEPIKA P	Mobile Robot for Rescue System	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
81	RAJ.O, TONIE RAALPH C, PARIMALA A, DR.B.T.GEETHA, R.DEEPA	Design of Interleaver Based UWB Transmitter for Wireless System	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
82	RAGUL KANNAN R, RUBALA R, VIJAYANAND R	Soft Robot Locomotion Through Environment Growth	International Conference on Recent Innovations in Science, Engineering and Technology- (ICRISET) -	International E Conference	Jeppiaar Institute of Technology	24.07.2020 & 25.07.2020.
83	Dr.R.Thandiah Prabu, Mrs.M.Benisha	All Optical Gates and combinational logic Circuit Based on microring Resonator	International Conference on Innovations in electronics, Communication, computing & Automation	International	KI. University	23 to 25 Nov 2020
84	Mrs.S.Mary Cynthia, Dr.L.M.Merlin Livingston	Brain Tumor segmentation methods based on DWT	Virtual International Conference on Futuristic communication and network technologies (VICFCNT 2020)	International E Conference	VIT Chennai	6 & 7 November 2020