



# JEPPIAAR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Self-Belief | Self Discipline | Self Respect

Kunnam, Sunguvarchatram, Sriperumbudur-631604



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION CONFERENCE PUBLICATIONS

Academic Year: 2022 – 23

S. No	Faculty Name	Title of the Paper	Conference Details	Organized by	Conference Year	National/ International
1.	Dr.S.Niranjana	A Novel Orientation Approach In Artificial Intelligence For Mounting Robots Utilizing A Three-Dimensional Framework Of The Broadcast Tower	International Conference On Artificial Intelligence And Knowledge Discovery In Concurrent Engineering (ICECONF)	St. Joseph's Institute of Technology Chennai, India & International Institute of Concurrent Engineering, Tustin, USA	5-7 Jan 2023	International
2.	Ms.Hubert Mary. L	A Novel And Effective Ensemble Machine Learning Model For Identifying Healthy And Rotten Fruits Is Accepted.	International Conference On Artificial Intelligence And Knowledge Discovery In Concurrent Engineering (ICECONF -2023).	St. Joseph's Institute of Technology Chennai, India & International Institute of	5-7 Jan 2023	International

				Concurrent Engineering, Tustin, USA		
3.	Ms.Hubert Mary. L	Advance digital fencing systems using IoT for motion detection	International Conference On Recent Innovation In Science, Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
4.	Mrs.G.Sowmiya	An Efficient Intelligent Systems For Low-Power Consumption Zigbee-Based Wearable Device For Voice Data Transmission	International Conference On Artificial Intelligence And Knowledge Discovery In Concurrent Engineering (ICECONF -2023).	St. Joseph's Institute of Technology Chennai, India & International Institute of Concurrent Engineering, Tustin, USA	5-7 Jan 2023	International
5.	Mrs.G.Sowmiya	Secure Alert Systems For protecting farmlands against undomesticated animals	International Conference On Recent Innovation In Science , Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
6.	Dr.W.Nancy	A Framework Of Medical Image Segmentation Using Edge Stop Function Based On Contour Model	IEEE International Conference On Power, Energy, Control And Transmission Systems	Sairam Engineering College	8 <sup>th</sup> & 9 <sup>th</sup> December 2022	International
7.	Mrs.M.Benisha	Indigenous cubesat design for atmospheric monitoring	International Conference On Recent Innovations In Science, Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
8.	Mrs.W.Nancy	Sea-Way Border Alert System Implementation Of Machine Learning Algorithm & Rssi	International Conference on Recent Innovations in Science Engineering and Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
9.	Ms.M.Bharathi	Bone Fracture detection using CNN Algorithm and Image Processing Techniques	International Conference on Recent Innovations in Science Engineering and Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
10.	Ms.L.Hubert Mary	Robotic Humanoid Hand Imitating The Real Time Motions Of A Human User's	International Conference on Recent Innovations in Science Engineering and Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International

		Hand				
11.	Ms.T.Suganya	MIMO Microstrip Patch Antenna for 5G Applications	International Conference on Recent Innovations in Science Engineering and Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
12.	Mrs.W.Nancy	Gesture Based Home Appliances Control Using Python	International Conference on Recent Innovations in Science Engineering and Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
13	Mrs.W.Nancy	Fire Notification System Using Iot	International Conference On Recent Innovations In Science Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
14.	Ms.Bharathi	Plant Disease Recognition	International Conference on Recent Innovations in Science Engineering and Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
15.	Dr.S.Niranjana	Smart Train Accident Detection And Prevention System Using IoT	International Conference On Recent Innovation In Science , Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
16.	Mrs.Viji Charles	IoT based smart device for blind people	International Conference On Recent Innovations In Science, Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
17.	Mrs.M.Benisha	Gas leakage detector,alarm using GSM module	International Conference On Recent Innovations In Science, Engineering And Technology	Jeppiaar Institute of technology	12 <sup>th</sup> & 13 <sup>th</sup> May 2023	International
<b>Academic Year CAYm2: 2021 – 22</b>						
<b>S.No</b>	<b>Faculty Name</b>	<b>Title of the Paper</b>	<b>Conference Details</b>	<b>Organized by</b>	<b>Conference Date</b>	<b>National/ International</b>
1	Dr.R.Uma	VLSI Based Cardiac Health Care Analyser	International Conference on Recent Innovation in	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

			Science, Engineering and Technology			
2	Dr.R.Uma	Design Of Fast Prefix Computation Carry Lookahead Adder for FPGA Using Quartus II Software	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
3	Dr.L.M.Merlin Livingston	Library Management System Using Speech Recognition	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
4	Dr.R.Uma	A New Low-Power and High-Speed Recursive Multiplier Cell	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
5	Mrs. Nancy W	Design of Low Power and High Speed Recursive Parallel Multiplier	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
6	Dr.Kamatchi S	Remote Monitoring of Abnormality in Heart Rate Using Mm-Waves	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
7	Dr.R.Uma	Design Of High-Speed Parallel Prefix Adder for FPGA Using Quartus II Software	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
8	Mrs.W.Nancy	An Analytical Review on Rectenna Systems for Radio Frequency Energy Harvesting and Wireless Power Transfer	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

9	Ms.A.Parimala,	Automatic Smart Parking System Using IOT With EV- Charging Point in Crowd Sensing Area	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
10	Dr.R. Uma	A Design Perspective of Single Bit Adder Using Dual Rail Domino Logic	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
11	Dr. Uma R	Design Of Full Adder Using Symmetric CMOS Technology	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
12	Dr.R.Thandaiah Prabu	Detection of Breakage and Alerting in High Voltage Transmission Lines	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
13	Mrs. Nancy W	An Effective Step to Realtime Implementation of 17Accident Detection System Using Image Processing	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
14	Mrs. M. Benisha	Overview of Parker Solar Probe	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
15	S.Mary Cynthia	Smart Segregation of (Dry and Wet) Waste	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
16	Dr. S. Arul	Smart Stick- Detecting Obstacles and Warning	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

17	Dr.S Kamatchi	Hazardous Smoke Detection using IOT	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
18	Mrs.M. Benisha	Solar Energy Harvesting from Solar Power Satellite	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
19	Mrs.M. Benisha	Study of Geo Satellite Communication using Internet of Things	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
20	Ms. R. Careline Claude	V2V Communication using Advanced VANET System	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
21	Dr.S.Kamatchi	Neural Network Validation of Regression Classified Signal	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
22	L. M. Merlin Livingston,	Hydroponics using Internet of Things	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
23	Dr. L.M. Merlin Livingston	Library Automation using Speech Recognition	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
24	Mrs.Benisha M	Maximum Power Point Tracking Based on IOT	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

25	Dr.S.Kamatchi	Respiration Rate Estimation Using Gaussian Process Regression (GPR) Model	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
26	Dr. S. Kamatchi	Adriano Based, Obstacle Avoiding and Multicontrol Robot Car	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
27	Mrs. M.Benisha	Satellite Technologies for Agriculture Development	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
28	Mrs.Benisha M	Satellite Technology for Weather and Disaster Management	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
29	Mrs.M.Benisha,	Artificial Intelligence and On-Body Antenna Designs for Bio-Medical Applications	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
30	Ms.Surekha	Compact, Low-Profile Fractal Antenna for Wearable On-Body WBAN Applications	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
31	Mrs. W. Nancy	Controlling and Monitoring Electricals Over Internet (IOT)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
32	Dr. S. Arul	Covid Analysis (Data Science)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International

33	Ms. Rubala R.	Smart Segregation of (Dry and Wet) Waste (Arduino Mega 2560.)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
34	Mr. Sengol Jeyaseelan	Headphone on Artificial Ear	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
35	Mrs.Nancy. W	Accident Prevention System using Eye Blink Sensor	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
36	Mrs. Nancy W	A Survey on Security Threats and Authentication Approaches in Wireless Sensor Networks	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
37	Mrs.S.Mary Cynthia	Accurate Diagnosis of Mild Traumatic Brain Injuries from Conventional MRI	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
38	Ms.Surekha	Smart Flask with Temperature Adjustment using Peltier Device	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
39	A. Parimala	ECG Sensing for Health Monitoring Applications through Wireless Capacitive Model	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
40	A.Parimala	A Survey on Smart Grid and Wireless Sensor Network	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International



41	Ms. S. Mary Cynthia	RFID Scanning for Door Lock (Radio Frequency Identification using Arduino)	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
42	Mrs.M.Benisha	Traffic and energy aware routing for heterogeneous wireless sensor networks	International Conference on Recent Innovation in Science, Engineering and Technology	Jeppiaar Institute of Technology	13.05.2022 to 14.05.2022	International
43	Dr.L.M.Merlin Livingston	Performance enhancement of building energy through the combination of dynamic insulation panels and phase changing mater	Internationa l Conference on Energy Storage Technology and Power Systems (ESP S 2022)	Guilin , China	February 25 -27 , 2022	International