



# 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 2023 – 24

S.No	Faculty Name	Title of the Paper	Conference Details	Organized by	Conference Year	National/ International
1	Dr.D.Kumutha	Women Safety wearable device using IoT	International Conference on Role of Artificial Intelligence and IoT in Engineering, Technology & Science	Karpaga Vinayaga College of Engineering and Technology	2024	International
2	Dr.D.Kumutha	A Transit to 6G Spectrum with MIMO Antenna Model - Review	4th International Conference on Innovative Research in Renewable Energy Technologies	IMPS College of Engineering and Technology	2024	International
3	Dr.D.Kumutha	Miniaturized T and Inverted T slotted Ultra wide band Antenna with Defected Ground (DG) system for 5G Communication	4th International Conference on Innovative research in Renewable Energy Technologies	IMPS College of Engineering and Technology	2024	International

4	Dr.D.Kumutha	A Massive 0.3 THz bandwidth with High Gain 6G antenna	4th International Conference on Innovative research in Renewable Energy Technologies	IMPS College of Engineering and Technology	2024	International
5	Dr.D.Kumutha	A Lower 6GHz MIMO Antenna with EBG Structure in 5G Applications	4th International Conference on Innovative research in Renewable Energy Technologies	IMPS College of Engineering and Technology	2024	International
6	Dr.D.Kumutha	Design and Analysis of EBG with 2 Element MIMO Antenna for 5G Application	4th International Conference on Innovative research in Renewable Energy Technologies	IMPS College of Engineering and Technology	2024	International
7	Dr.D.Kumutha	Neonatal Infant incubator for Babies using Internet of Things	4th International Conference on Innovative research in Renewable Energy Technologies	IMPS College of Engineering and Technology	2024	International
8	Dr.D.Kumutha	Rectangular patch antenna with Converted materstick slot for dual band NM wave app	International Conference on Role of Artificial Intelligence and IoT in Engineering, Technology & Science	Karpaga Vinayaga College of Engineering and Technology	2023	International
9	Dr.S.Niranjana	An IoT Based Real-Time Monitoring System for Viticulture to Minimize Energy Consumption	International Conference on Self sustainable Artificial Intelligence Systems	M. P. Nachimuthu M. Jaganathan Engineering College	2024	International
10	Dr.Baskaran S	Arduino Based Automatic Braking System	4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024)	Velammal Institute of Technology	2024	International
11	Dr.T.Sripriya	Abnormal Heartbeat Detection using Convolutional Neural Networks (CNN)	4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024)	Velammal Institute of Technology	2024	International
12	Dr.T.Sripriya	Human pose estimation using thermal image with	4th International Conference on Artificial Intelligence, 5G	Velammal Institute of Technology	2023	International

		convolutional neural networks	Communications and Network Technologies (ICA5NT 2024)			
<b>13</b>	Dr.T.Sripriya	An Intelligent Design of Solar Energy powered Smart Residence Controlling system using Novel poer Grid principles	International Conference on Intelligent Technologies for sustainable Electric and Communication systems	IEEE	2023	International
<b>14</b>	Dr.T.Sripriya	Fostering Innovation and Exploring the Potential of IoT Assisted Air Conditioning Control System for Industrial Energy Saving	9th International Conference on Smart Structures and Systems (ICSSS)	IEEE	2024	International
<b>15</b>	Dr.T.Sripriya	Development of security enhanced Wireless Communication medium to perform successful data transmission over 5G enabled networks	1st International Conference on Cognitive Green and Ubiquitous Computing	IEEE	2024	International
<b>16</b>	Dr.W.Nancy	Detection and Prevention of Poisoning Targets with ARP Cache using Scapy	International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	IEEE	2024	International
<b>17</b>	Dr.W.Nancy	Intelligent Agricultural Drones Utilizing Nano-Fertilizer Dispensation for Precision Farming	International Conference on Communication, Computing and Internet of Things (IC3IoT)	IEEE	2024	International
<b>18</b>	Dr.W.Nancy	Implementataion of Advanced Microcontroller Bus Architecture	12th International Conference on Contempory Engineering and Technology 2024	Prince Shri Venkateshwara Padmvathy Engineering Collge & Prince Dr.K.Vasudevan College of	2024	International

				Engineering and Technology		
19	Dr.W.Nancy	IoT based smart device for Blind People	4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024)	Velammal Institute of Technology	2023	International
20	M.Benisha	Chandrayaan 3 -Challenges and Opportunitites of using AI to Detect and Identify Exoplanets	International Conference on New Frontiers in Communication ,Automation ,Management and Security	Presidency University	2023	International
21	M.Benisha	Chandrayaan 3 -Proposed System to Detect and Identify Exoplanets in Deep Space using AI	International Conference on New Frontiers in Communication ,Automation ,Management and Security	Presidency University	2024	International
22	M.Benisha	NSER: Development of Novel Speech based Emotion Recognition System by using Hybrid Learning Technique	2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)	SRM Institute of Science and Technology.	2024	International
23	M.Benisha	Facial Recognition Attendance System Using Opencv[Python]	4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024)	Velammal Institute of Technology	2024	International
24	M.Benisha	Reconfigurable Antenna for 5G Technology	1st International Conference on data Analytics and Intelligence Computing	Velammal Institute of Technology	2023	International
25	M.Benisha	Efficient Multiple UAV Positioning and Resource Allocation in Intelligent Wireless Network	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICES)	IEEE	2024	International

<b>26</b>	M.Benisha	Design and Analysis od a MIMO Multiband Patch Antenna for 5G mm wave wireless applications	IEEE Sponsored Internation al conference on Science ,Technology ,Engineering and Mathematics	Jeppiaar Engineering College	2023	International
<b>27</b>	M.Bharathi	Mental Health Identification through Face Emotion Recognition using Machine Learning	National Conference on Innovative Reasearch in Electrical,Electronics and Communication Engineering	Karpagam Institute of Technology	2024	National
<b>28</b>	Hubert Mary L	Glaucoma Detection In Fundus Images Using Image Processing	4th International Conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2024)	Velammal Institute of Technology	2023	International
<b>29</b>	Hubert Mary L	ILAPP:An Efficient Design of Sign Language Recognition system using intelligent Learning assisted Prediction Principles	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	IEEE	2023	International
<b>30</b>	Hubert Mary L	A Hybrid Deep learning Neural Network Model and Data	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	IEEE	2023	International
<b>31</b>	T.Karthika	Smart waste water Management system using IoT	International Conference on Role of Artificial Intelligence and IoT in Engineering, Technology & Science	Karpaga Vinayaga College of Engineering and Technology	2024	International