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St. JOSEPH'S INSTITUTE OF TECHNOLOGY
 (An Autonomous Institution)
St. Joseph's Group of Institutions
 OMR, Chennai - 119

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONFERENCE PUBLICATION DETAILS

2023-2024

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International / National	Dates
1.	Dr. G S Uthayakumar	Enhanced Expectation-Maximization Algorithm for Smart Traffic IoT Systems using Deep Generative Adversarial Networks to Reduce waiting time	4 th International Conference on Electronics and Sustainable Communication Systems (ICESC)	International	July 2023
2.	Dr. Jeba Johannah	Intelligent Farmhouse Attendance Monitoring system using deep learning	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	International	July 2023
3.	Dr. Tephillah S	Intelligent Farmhouse Attendance Monitoring system using deep learning	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	International	July 2023
4.	Dr. G S Uthayakumar	Investigation of environmental monitoring based on three IoT wireless sensors	2 nd international conference on augmented intelligence and sustainable systems (ICASS-2023)	International	August 2023
5.	Dr. G S Uthayakumar	HRC-CLSS: An Hybrid Resource Constrained Certificate-Less Signcryption Solution for Securing Crowdsourced IIoT Environments	5 th International Conference on Inventive Research in Computing Applications (ICIRCA)	International	August 2023
6.	Dr. G S Uthayakumar	Artificial Intelligence on Mobile Multimedia Networks for Call Admission Control Systems	4 th International Conference on Smart Electronics and Communication (ICOSEC)	International	20.09.2023 to 22.09.2023
7.	Dr. G S Uthayakumar	Intelligent Caching Strategies for 5G Edge Networks using Machine Learning	4 th International Conference on Smart Electronics and Communication (ICOSEC)	International	20.09.2023 to 22.09.2023
8.	Dr. G S Uthayakumar	High Gain Dual Wide-Band Annular Ring Two-Port Antenna for	4 th International Conference on Smart Electronics and Communication (ICOSEC)	International	20.09.2023 to 22.09.2023

		Millimeter Wave Applications			
9.	Dr. M. Senthil Murugan	Detection and Categorization of Sorghum Crop using MCRNN Architecture	4 th International Conference on Smart Electronics and Communication (ICOSEC)	International	20.09.2023 to 22.09.2023
10.	Dr. M. Senthil Murugan	Evaluation of Support Vector Machine and Kernel Neural Network Classification for Fast Food Nutrition Data	2 nd International Conference on Augmented Intelligence and Sustainable Systems	International	23.08.2023 to 25.08.2023

2022-2023

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International / National	Dates
1.	Dr. Gnana Kousalya C	Design of IoT Based Indoor Air Purifier	International conference on intelligent computing, instrumentation and control technologies	International	11.08.2022 & 12.08.2022
2.	Dr. Gnana Kousalya C	Post – Accident Alert System using Client server based synchronous communication mechanism	AIP Conference Proceedings	International	10.10.2022
3.	Dr. Gnana Kousalya C	Electronic Logbook in Big Data Collection	International Conference on “Digital Archiving and Presentation on Cultural Heritage of India”	International	08.12.2022 & 09.12.2022
4.	Dr. Gnana Kousalya C	Intelligent Border Surveillance Using Deep Learning Algorithms	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF '23)	International	05.01.2023 to 07.01.2023
5.	Dr. Gnana Kousalya C	Acquisition of Inaccessible Data	International Conference on Multidisciplinary innovation in Academic Research (ICMIAR '23)	International	17.03.2023 to 18.03.2023
6.	Dr. Gnana Kousalya C	Robots for Women Safety	International conference on Smart System Technologies and Applications (ICSSTA'23)	International	28.04.2023 to 29.04.2023
7.	Dr. Gnana Kousalya C	Self-Diagnostic Flow Rate Monitor in Water Pipeline	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET'23)”	National	03.05.2023 to 04.05.2023
8.	Dr. G. Rohini	Post – Accident Alert System using Client server based synchronous communication mechanism	AIP Conference Proceedings	International	10.10.2022
9.	Dr. G. Rohini	Intellectual Spyrobot for Military Operation	12 th International conference on science and innovative engineering	International	05.06.22

10.	Dr. G. Rohini	Agricultural Field monitoring and methane detection using IoT and ML	Emerging Trends in Engineering Design and Manufacturing (ETEDM-22)	National	15.6.2022 & 16.6.2022
11.	Dr. Rohini G	Intelligent Border Surveillance Using Deep Learning Algorithms	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF '23)	International	05.01.2023 to 07.01.2023
12.	Dr. Rohini G	Robots for Women Safety	International conference on Smart System Technologies and Applications (ICSSTA'23)	International	28.04.2023 to 29.04.2023
13.	Dr. Rohini G	Self-Diagnostic Flow Rate Monitor in Water Pipeline	National Conference on "Recent Advancements in Science, Engineering & Technologies (RASET'23)"	National	03.05.2023 to 04.05.2023
14.	Dr. Ramesh P G V	Reconfigurable Physical Unclonable Function using Linear Regression	National Conference on "Recent Advancements in Science, Engineering & Technologies (RASET 2023)"	National	03.05.2023 to 04.05.2023
15.	Dr. Uthayakumar G S	Block Chain Based Identity Authentication System for a Wireless Sensor Networks	International conference on Edge Computing and Applications (ICECAA 2022)	International	13.10.2022 to 15.10.2022
16.	Dr. Uthayakumar G S	Energy Conservation for Environment Monitoring System in an IoT based WSN	International conference on Smart Technologies, Communication and Robotics (IEEE-STCR 2022)	International	10.12.2022 to 11.12.2022
17.	Dr. Uthayakumar G S	A low-cost Ultra-Wide Band-Stop Frequency Selective Surface	International Conference on Emerging Technologies in Communication and Signal Processing (ICETCSP 2023)	International	05.04.2023
18.	Dr. Uthayakumar G S	Designing of Micropatch antenna for Microwave Imaging of Bone Fracture	International Conference on Emerging Technologies in Communication and Signal Processing (ICETCSP 2023)	International	05.04.2023
19.	Dr. Kavitha C T	Vehicle speed limiter for accident avoidance based on LIFI	Emerging Trends in Engineering Design and Manufacturing (ETEDM-22)	National	15.6.2022 & 16.6.2022
20.	Dr. Jeba Johannah J	Design Analysis of Low Power Multipliers using compressed Truncation	National Conference on "Recent Advancements in Science, Engineering & Technologies (RASET'23)"	National	03.05.2023 to 04.05.2023
21.	Dr. Samayaraj Murali Kishanlal M	Performance Comparison of AFZ converter with PI and FOPID controller	International conference on Edge Computing and Applications (ICECAA 2022)	International	13.10.2022 to 15.10.2022
22.	Dr. Samayaraj Murali Kishanlal M	Optimally spaced helical antenna fabrication with high directive gain for high speed communication	6th Smart Cities Symposium (SCS 2022)	International	06.12.2022 to 08.12.2022
23.	Dr. Karthikeyan M V	Digital Filter Design on High-speed	International conference on Edge Computing and	International	13.10.2022 to 15.10.2022

		communication with Low power criteria	Applications (ICECAA 2022)		
24.	Dr. Senthil Murugan M	Performance Improvement of 16 Bus system using Hybrid Power Flow Controller	International conference on Automation, Computing and Renewable System (ICACRS-2022)	International	13.12.2022 to 15.12.2022
25.	Dr. Senthil Murugan M	RFID based Smart Ticketing and Destination Announcement System	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET’23)”	National	03.05.2023 to 04.05.2023
26.	Dr. Tephillah S	Detection of wildlife and flora ailment in farm field using IoT	12 th International conference on science and innovative engineering	International	05.06.2022
27.	Dr. Tephillah S	Intelligent Border Surveillance Using Deep Learning Algorithms	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF ’23)	International	05.01.2023 to 07.01.2023
28.	Dr. Tephillah S	Robots for Women Safety	International conference on Smart System Technologies and Applications (ICSSTA’23)	International	28.04.2023 to 29.04.2023
29.	Dr. Tephillah S	Field Workers Condition Monitoring and Management System	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET’23)”	National	03.05.2023 to 04.05.2023
30.	Dr. Tephillah S	Dry Hand Hygiene System using Fog Disinfectant for Prevention of Infection	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET’23)”	National	03.05.2023 to 04.05.2023
31.	Ms. Maria Christina Blessy A	Optimal cluster minimization for VANETS using modified tuna swarm optimization	7th International conference on trends in Electronics and Informatics (ICOEI’23)	International	11.04.2023 to 13.04.2023
32.	Mr. Suresh D	Perpetuation of Victuals Through PEF	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET’23)”	National	03.05.2023 to 04.05.2023
33.	Mr. Suresh D	Battery Management System in Electric Vehicle	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET’23)”	National	03.05.2023 to 04.05.2023
34.	Mr. Suresh D	Smart Vehicle Security System for Defending Against Collaborative Attacks by Malware	National Conference on “Recent Advancements in Science, Engineering & Technologies (RASET’23)”	National	03.05.2023 to 04.05.2023
35.	Mr. Suresh D	Vibration Characterization on cantilever beam using piezo electric actuator	AIP Conference Proceedings	International	May 2023
36.	Mr. Suresh D	Fake News Classification using Transfer Learning	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023	International	05.1.23 to 07.01.23

37.	Mr. Siva T	Baseline Modeling for Early Prediction of Loan Approval System	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, '23	International	05.01.2023 to 07.01.2023
38.	Mr. Dinesh Kumar A	Design and implementation of wearable textile Patch antenna at 2.45 GHz for WBAN Applications	International conference on Recent Advances in Science, Engineering and Technology (ICRASET)	International	05.01.2023 to 07.01.2023
39.	Mr. Bino J	Product Reviewer	International Conference on Computational Science & Technology	International	09.11.2022 to 10.11.2022
40.	Mr. Bino J	Hybrid Gender and Age Classification Using Deep Learning	International Conference on Intelligent Healthcare and Computational Neural Modelling	International	31.11.2022 to 01.12.2022
41.	Mr. Bino J	Intelligent Border Surveillance Using Deep Learning Algorithms	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF '23)	International	05.01.2023 to 07.01.2023
42.	Mr. Bino J	An Investigation on Control Overheads of Dynamic Cooperative Spectrum Sensing	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF '23)	International	05.01.2023 to 07.01.2023
43.	Mr. Bino J	Robots for Women Safety	International conference on Smart System Technologies and Applications (ICSSTA'23)	International	28.04.2023 to 29.04.2023
44.	Dr. Bhuvana B P	Handwriting Text Recognition Using Neural Network	International Conference on Computing, Circuits, Energy and Materials	International	15.12.2022 to 16.12.2022
45.	Dr. Mohan C	A low-cost Ultra-Wide Band-Stop Frequency Selective Surface	International Conference on Emerging Technologies in Communication and Signal Processing (ICETCSP 2023)	International	05.04.2023
46.	Dr. Mohan C	Designing of Micro patch antenna for Microwave Imaging of Bone Fracture	International Conference on Emerging Technologies in Communication and Signal Processing (ICETCSP 2023)	International	05.04.2023
47.	Ms. Sneha G	Handwriting Text Recognition Using Neural Network	International Conference on Computing, Circuits, Energy and Materials	International	15.12.2022 to 16.12.2022
48.	Ms. Sneha G	Driving Behaviour Monitoring for intelligent Transportation Systems	National Conference on "Recent Advancements in Science, Engineering & Technologies (RASET'23)"	International	03.05.2023 to 04.05.2023
49.	Ms. Jemima Havila Catherine	Handwriting Text Recognition Using Neural Network	International Conference on Computing, Circuits, Energy and Materials	International	15.12.2022 to 16.12.2022
50.	Ms. Jemima Havila Catherine	A virtual Aid for visually impaired	12 th International conference on science and innovative engineering	International	05.06.2022

51.	Ms. Silva Deena J	Real time-based violence detection from CCTV Camera using machine learning method	International Conference on Industry 4.0 Technology	International	22.09.2022 to 24.09.2022
52.	Ms. Swetha S	Real time power monitoring system based on Raspberry pi4	International Conference on “Digital Archiving and Presentation on Cultural Heritage of India”	International	08.12.2022 to 09.12.2022
53.	Ms. Sree Devi B	Real time power monitoring system based on Raspberry pi4	International Conference on “Digital Archiving and Presentation on Cultural Heritage of India”	International	08.12.2022 to 09.12.2022
54.	Mr. Rahul R	Real time power monitoring system based on Raspberry pi4	International Conference on “Digital Archiving and Presentation on Cultural Heritage of India”	International	08.12.2022 to 09.12.2022

2021-2022

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International/ National	Dates
1.	Dr. C. Gnana Kousalya	Post –Accident Alert System using Client Server based Synchronous Communication Mechanism	International and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2021 AMET, University, Chennai	International	17.6.21 & 18.06.21
2.	Dr. C. Gnana Kousalya	Women safety night patrolling robot based on raspberry pi	International Conference on recent trends in engineering technology and management 2022	International	6.5.22 & 7.5.22
3.	Dr. G. Rohini	Post –Accident Alert System using Client Server based Synchronous Communication Mechanism	International and Research in Marine Electrical and Electronics Engineering ICIRMEEE 2021 AMET, University, Chennai	International	17.6.21 & 18.6.21
4.	Dr. Ramesh. P. G. V	Performance Analysis of Fiber-Optic DWDM System	Virtual International Conference on Futuristic Communication and Network Technologies, (VICFCNT-2021)	International	10.12.21 & 11.12.21
5.	Dr. Samayaraj Murali Kishanlal M	Analysis of human retinal morphology using random forest classifier	AIP Conference Proceedings	International	May 2022
6.	Dr. Tephillah S	Transfer learning for infectious fruits and vitamins detection	Emerging trends in science technology and applications (ICETSTA 2022)	International	27.05.22 & 28.05.22
7.	Dr. Tephillah S	Modern Day Smart home with E-Billing	10 th International Conference on contemporary Engineering and Technology	International	21.05.22 & 22.05.22
8.	Ms. S. Sathiya Priya	Design and Development of Microstrip Array	International Conference on Communication and	International	25.2.22 & 26.2.22

		Antenna for Satellite Applications	Computing Technologies for Sustainable Development		
9.	Ms. Silva Deena	Sentiment Analysis using a Machine Learning Approach in Python	2022 International Conference on Communication, Computing, and Internet of Things (IC3IoT)	International	10.03.22 & 11.03.22
10.	Ms. Gloria A	Sentiment Analysis using a Machine Learning Approach in Python	2022 International Conference on Communication, Computing, and Internet of Things (IC3IoT)	International	10.03.22 & 11.03.22
11.	Ms. Sneha G	Driving Behaviour Monitoring for Intelligent Transportation Systems	Recent Advancements in Science, Engineering & Technologies (RASET 2022)	National	13.05.22 & 14.05.22
12.	Ms. Jemima Havila Catherine	IoT and voice controlled based health on wheels for lame patients	Emerging trends in science technology and applications (ICETSTA 2022)	International	27.05.22 & 28.05.22
13.	Ms. Jemima Havila Catherine	Monitoring and controlling of transformer enhanced with IoT technology	Emerging trends in science technology and applications (ICETSTA 2022)	International	27.05.22 & 28.05.22

2020-2021

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International/ National	Dates
1.	Dr.C.Gnana Kousalya	Smart Mask for COVID-19 E-WARE	International Conference on Emergent Converging Technologies and Biomedical Systems (ETBS-2021)	International	28.04.2021 & 29.04.2021
2.	Dr.C.Gnana Kousalya	Utilization of Fish Excrete for Plant Growth Using SVM	Springer International Conference on Data Intelligence and Cognitive Informatics [ICDICI 2020]	International	08.07.2020 & 09.07.2020
3.	Dr.G.Rohini	Smart Mask for COVID-19 E-WARE	International Conference on Emergent Converging Technologies and Biomedical Systems (ETBS-2021)	International	28.04.2021 & 29.04.2021
4.	Dr.P.G.V.Ramesh	Sterilization of Covid 19 Virus using UV-C Band Radiation	The Second International Conference on Recent Challenges In Science Engineering And Technology, 2021	International	09.05.2021
5.	Dr.P.G.V.Ramesh	Pandemic Welfare Guidance	International Conference On Recent Challenges in Science, Engineering And Technology-2021	International	23.05.2021

6.	Dr.P.G.V.Ramesh	Green Agriculture Monitoring System	International conference on “Recent Developments in Engineering management Science and Technology, ICRDET,	International	26.06.2020
7.	Dr. D.Sungeetha	Study of BOT as disinfect machination	International conference on information and communication engineering, Bharath institute of engineering, Hyderabad	International	11.03.2021 to 13.03.2021
8.	Dr. D.Sungeetha	Non-invasive glucose Monitoring and ECG detection using RED tacton	International virtual conference on recent trends in electrical energy, Artificial intelligence, Internet on things and Nano materials,	International	29.042021 & 30.04.2021
9.	Dr. D.Sungeetha	Smart poultry system monitoring using IOT	The Second International Conference on Recent Challenges In Science Engineering And Technology, 2021	International	09.05.2021
10.	Dr. D.Sungeetha	A hospital application involving deep learning methodology for detecting nutrients intake	International Conference on Recent Challenges in Science, Engineering And Technology-2021	International	25.05.2021
11.	Dr. D.Sungeetha	RSSI Overload Localisation System	International conference on “Recent Developments in Engineering management Science and Technology, ICRDET,	International	26.06.2020
12.	Dr.A.Akilandeswari	License verification system with face recognition using IOT	International Conference on Recent Challenges in Science, Engineering And Technology-2021	International	25.05.2021
13.	Dr. G.S.Uthaya kumar	Health support system for diabetic prevention using IOT and networked health monitoring equipment	International conference on Research in Electronics and Communication Techniques (ICREACT 2021)	International	03.05.2021 & 04.05.2021.
14.	Dr.Samyaraj murali kishanlal M	“Parking Availability Indicating Application Using Smart QR Scanning	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021
15.	Dr.Samyaraj murali kishanlal M	Lora Based End To End Tracking System Overcoming Signal Transmission Error	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021

16.	Mrs.S.Tephillah	Identification of forged money using ML Algorithm	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021
17.	Mrs.S.Tephillah	Intelligent Crutch tool for Body Posture management System to avoid Injuries	International Conference on Research & Developments in Engineering & Management	International	23.05.2021
18.	Mrs.S.Tephillah	A Intelligent pet feeder control system using Internet of things	International Virtual Conference on emerging frontiers in Control & Communication Technologies Mohamed Sathak A J College of Engineering, Chennai	International	26.08.2020
19.	Mr M.Senthil murugan	Colour Detection Based Robotic Cart Using Raspberry Pi	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021
20.	Mr M.Senthil murugan	Smart Irrigation Control with Disease Detection Using Machine Learning And Arduino Controller	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021
21.	Mrs.G.Akilandeswari	Next Generation Network Coding Technique for IoT	11th International Conference on Computing, Communication and Networking Technologies (ICCCNT)	International	01.07.2020 to 03.07.2020
22.	Mrs.P.Princy Magdalir	Medical Assist Robot for Isolated Ward Patient In Hospital	International Conference On Research & Developments In Engineering & Management - ICRDEM-2021	International	23-5-2021
23.	Dr. J.Jeba Johannah	Multipatient Wireless Monitoring for Pandemic With Continuous Reading Analysis And Alert Generation For Affected Patient	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021
24.	Dr. J.Jeba Johannah	Invention Of Third Vision with Vocal Recognition For Safe Guarding Women With A Live Surrounding Update Using Mobile App”	The Second International conference on Recent Challenges In Science, Engineering and technology, 2021	International	25.05.2021
25.	Dr. Karthikeyan M V	The Smart Assistant for Library Management and	The Second International conference on Recent Challenges in	International	25.05.2021

		Book Reader for Blind People Using Raspberry Pi	Science, Engineering and technology, 2021		
26.	Dr. Karthikeyan M V	Lung Cancer detection Using CT-Scan Images	The Second International conference on Recent Challenges in Science, Engineering and technology, 2021	International	25.05.2021
27.	Mr. T. Siva	Low-cost ventilator for covid-19	The Second International conference on Recent Challenges in Science, Engineering and technology, 2021	International	25.05.2021
28.	Mr. T. Siva	Smart railway gate Assistance system using AI	The Second International conference on Recent Challenges in Science, Engineering and technology, 2021	International	25.05.2021
29.	Mrs. A. Maria Christina Blessy	Review of challenges and performance optimization of Radio over Fibertechnology in 5G mobile data communication	International conference on sustainable material and its green Technology for industry 4.0	International	07.04.2021 to 09.04.2021
30.	Mr. D.Suresh	Efficient Water Usage Prediction and Metering System using IOT	International Conference on Research in Electronics Engineering and Communication Techniques	International	03.05.2021 & 04.05.2021
31.	Mr. D.Suresh	Prisoner Escape Alert System to The Warden Inside The Prison	The Second International conference on Recent Challenges in Science, Engineering and technology, 2021	International	25.05.2021
32.	Mr.A. Dinesh kumar	Smart Card based Electricity Payment & Energy Sharing	International conference on” Recent Developments in Engineering management Science and Technology, ICRDET,	International	26.06.2020
33.	Mr.K.Immanuel	COVID Detection with Advanced Deep Learning Algorithms	International Conference on Smart Automation In Computer, Electrical, Electronics and Communication Engineering,	International	10.04.2021
34.	Mr.J.Bino	IoT Security Enhancement with Automated Identification Device using IOT Sentinel	11th International Conference on Cloud Computing, Data Science & Engineering (Confluence)	International	28.01.2021
35.	Mr.J.Bino	Intelligent Bicycle Race Monitoring System Using IoT	The Second International conference on Recent Challenges in Science, Engineering and technology, 2021	International	25.05.2021

36.	Mr.J.Bino	Finger Vein Extraction and Authentication For ATM	International conference on” Recent Developments in Engineering management Science and Technology, ICRDET	International	26.06.2020
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2019-2020

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International/ National	Dates
1.	Dr.C.Gnana Kousalya	Non Invasive Heart Rate Monitoring Using Facial Images	National Conference on Recent Advances in On-Board Ship Automation (RAOBSA 2019)	International	26.09.2019 to 27.09.2019
2.	Dr.C.Gnana Kousalya	Versatile Insole Monitoring System	National Conference on Recent Advances in On-Board Ship Automation (RAOBSA 2019)	International	26.09.2019 to 27.09.2019
3.	Dr.C.Gnana Kousalya	Utilization of Fish Excrete for Plant Growth Using SVM	Springer International Conference on Data Intelligence and Cognitive Informatics [ICDICI 20]	International	08.07.2020 & 09.07.2020
4.	Dr.G.Rohini	Energy Harvesting from Machineries for Industries	International conference on System, Computation, Automation and Networking (ICSCAN 20)	International	27.03.2020 to 28.03.2020
5.	Dr.P.G.V.Ramesh	VoIP using Wi-Fi Network	International Conference on Computer communication and Power Systems	International	29.05.2020
6.	Dr.G.S.UdhayaKumar	Low Carbon Life	National Study Conference on Social Work Response to Disaster	International	26.09.2019 to 28.09.2019
7.	Dr.D.Sungeetha	Solar Tracking Motorcycle Using Arduino	National Conference on Recent Advances in On-Board Ship Automation (RAOBSA 2019)	International	26.09.2019 to 27.09.2019
8.	Mr.M.Samayaraj Murali Kishanlal	OFDM based Comb Source for Future Optical Networks	National Conference on Recent Advances in On-Board Ship Automation (RAOBSA 2019)	International	26.09.2019 to 27.09.2019
9.	Mr.M.SenthilKumar	Image Compression Technique Using SPIHT and Vedic Multiplier	National Conference on Recent Advances in On-Board Ship Automation (RAOBSA 2019)	International	26.09.2019 to 27.09.2019
10.	Mrs.G.Akilandeswari	Frame work for Next Generation Network Coding Technique for	International Conference on Computer	International	29.05.2020

		IOT and Performance Comparison of LU CHOKESKY Decomposition and QR Factorization Using LAPACK	communication and Power Systems		
11.	Mrs.G.Akilandeswary	Next Generation Network Coding Technique for IoT	IEEE The Eleventh International Conference on Computing, Communication And Networking Technologies	International	01.07.2020 to 03.07.2020
12.	Mrs.P.Princy Magdalir	Forest Monitoring System	National Conference on Advanced Computing Technologies	International	14.04.2020
13.	Mr.A.Dinesh Kumar	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	International	09.01.2020 to 10.01.2020
14.	Mr.K.Immanuel	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	International	09.01.2020 to 10.01.2020
15.	Mr.J.Bino	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	International	09.01.2020 to 10.01.2020
16.	Mr.E.Praveen Kumar	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	International	09.01.2020 to 10.01.2020
17.	Dr.V.R.Balaji	New Medelisation of Silicon DWDM demux, and Gate for Wavelengths in C and L bands	3 rd International Conference on “Emerging Technology Trends in Electronics, Communication and Networking” (ET2ECN 2020)	International	07.02.2020 to 08.02.2020
18.	Dr.V.R.Balaji	Smart Automated Energy Meter	3 rd International Conference on “Emerging Technology Trends in Electronics, Communication and Networking” (ET2ECN 2020)	International	07.02.2020 to 08.02.2020
19.	Mr.T.Siva	Smart Automated Energy Meter	3 rd International Conference on “Emerging Technology Trends in Electronics, Communication and Networking” (ET2ECN 2020)	International	07.02.2020 to 08.02.2020
20.	Mrs.A.Maria Christina Blessy	Identification of Melanoma Using Features of the Skin	2 nd International Conference on Communication, Computing & Internet of Things (IC3IoT-2020)	International	20.02.2020 to 22.02.2020

21.	Mr.A. Dinesh kumar	Optimised Use of Underground Water in urban Areas	International Conference on Computer communication and Power Systems,	International	29.05.2020
22.	Mr.J.Bino	Secure Surveillance System for Alzheimer Patients in Hospital Environment	International Conference on Contemporary Engineering and Technology,	International	14.03.2020 to 15.03.2020
23.	Mr.J.Bino	Secure Surveillance System for Alzheimer Patients in Hospital Environment	International Conference on Computer communication and Power Systems	International	29.05.2020
24.	Mr.E.Praveen Kumar	Artificial Intelligence Based Auto Appliances Control System	International Conference on Computer communication and Power Systems	International	29.05.2020

2018-2019

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International/ National	Dates
1.	Dr.C.Gnana Kousalya	Monitoring of water Quality in Aquaculture using IoT	International Conference on Innovations and Research in Marine Electrical and Electronics Engineering	International	27.09.18 to 28.09.18
2.	Dr.C.Gnana Kousalya	Under water Robotics	International Conference on Innovations and Research in Marine Electrical and Electronics Engineering	International	27.09.18 to 28.09.18
3.	Dr.G.Rohini	Directed and Safe Driving Implementation using Multi-featured Smart Helmet	International Conference on Innovations and Research in Marine Electrical and Electronics Engineering	International	27.09.18 to 28.09.18
4.	Dr.P.G.V.Ramesh	Implementation of Fast Binary Counter	International Conference on Recent Developments in Engineering Management Science and Technology	International	16.03.19
5.	Dr.P.G.V.Ramesh	A compact wide Band Multi-Stacked patch antenna for UWB Applications	International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks 2019	International	22.05.19 to 24.05.19
6.	Dr.P.G.V.Ramesh	Design of Linear 2x2 Array Using Substrate-Integrated-	International Conference on Microwave Integrated	International	22.05.19 to 24.05.19

		Waveguide Patch Antenna for 28GHz MM-Wave Applications	Circuits, Photonics and Wireless Networks 2019		
7.	Dr.P.G.V.Ramesh	FSO Based High Bit Rate Data Transmission using 5G+Wireless	International Conference on Recent Developments in Engineering Management Science and Technology	International	16.03.19
8.	Mr.M.SenthilMurugan	Implementation of Advanced Encryption Standard Algorithm in steganography	International Conference on Innovations and Research in Marine Electrical and Electronics Engineering	International	27.09.18 to 28.09.18
9.	Mr.M.SenthilMurugan	Lossless Image Compression using Modified SPIHT Algorithm	International Conference on Recent Developments in Engineering Management Science and Technology	International	16.03.19
10.	Mr.M.SenthilMurugan	Bone Mineral Density using Neural Networks	Recent Trends in Science, Engineering and Management	International	22.03.19 to 23.03.19
11.	Mr.M.Baskaran	Tupling Millimetre Generation using two Dual parallel Polarization	International Conference on Fiber Optics and Photonics	International	12.12.18 to 15.12.18
12.	Mr.M.Baskaran	Frequency 16 Tupling Technique With the Use of Four Parallel Polarization Modulators	International Conference on Wireless Communications Signal Processing and Networking	International	21.03.19 to 23.03.19
13.	Mrs.S.Tephillah	En-Route Drone for Medicine Delivery & other Emergency Purposes	International Conference on Recent Trends in Engineering Technology and Management	International	29.03.19 to 30.03.19
14.	Mrs.G.Akilandeswari	Survey on Networks Coding Techniques using Dense Linear Algebra for Heterogenous Multi-Core IoT devices with GPU Architecture	2 nd International Conference on Signals, Systems and Communication	International	07.01.19 to 09.01.19
15.	Mrs.G.Akilandeswari	Wireless Data and Power Transmission using Multiplier two Way Relaying with Massive Antennas.	Recent Trends in Science, Engineering and management	International	22.03.19 to 23.03.19
16.	Mrs.G.Akilandeswari	Smart LED Street Light System for Smart City	International Conference on Recent Developments in Engineering Management Sciences and Technology	International	16.03.19

17.	Mrs.G.Akilandeswari	Advance Traffic System for Emergency Vehicles	Recent Trends in Science, Engineering and management	International	22.03.19 to 23.03.19
18.	Mrs.L.Kanagadurga	24/7 Line Doctor Patient Interaction Module in Hardware Implementation	Recent Trends in Science, Engineering and management	International	22.03.19 to 23.03.19
19.	Mr.T.Siva	Improving pixel clarity of Dynamic Weather Images using Image Processing	Recent Trends in Science, Engineering and management	International	22.03.19 to 23.03.19
20.	Mr.T.Siva	A Trolley for Shaping, Billing and Guidance in Super Market enhanced with IoT Technology	Recent Trends in Science, Engineering and management	International	22.03.19 to 23.03.19
21.	Mr.D.Suresh	Road Surface Conditions Monitoring System	International Conference on Recent Developments in Engineering Management Sciences and Technology	International	16.03.19
22.	Mr.D.Suresh	Wireless Women's Safety Wearable Device using Raspberry Pi	International Conference on Recent Developments in Engineering Management Sciences and Technology	International	16.03.19
23.	Mrs.P.PrincyMagdeline	Detection and Classification of Diseases in Cucumber leaves	International Conference on Recent Developments in Engineering Management Sciences and Technology	International	16.03.19
24.	Mrs.P.PrincyMagdeline	Non Invasive Blood Glucose Monitoring	Recent Trends in Science, Engineering and management	International	22.03.19 to 23.03.19
25.	Mr.K.Immanuel	Building Structure Analysis and Automatic Monitoring System	International Conference on Emerging Trends in Computing, Electrical and Electronics	International	17.03.19
26.	Mr.K.Immanuel	Wearable glove-type Driver Stress Detection using Sensors	International Conference on Recent Developments in Engineering Management Sciences and Technology	International	16.03.19

2017-2018

S. No.	Name of the Faculty	Title of the Paper	Name of the Conference	International/ National	Dates
1.	Dr.C.Gnana Kousalya	Design Modelling and Fabrication of	2017 International Conference on	International	23.06.17 to

		Humanoid Robot Communication	Intelligent Computing and Control		24.06.17
2.	Dr.G.Rohini	Autonomous Mobile Object Classification	National Conference on Recent Trends in Information and Communication	National	28.03.18
3.	Dr.P.G.V.Ramesh	Fault Tolerance using CMOS VLSI circuits (Digital Circuits)	2017 International conference on Intelligent Computing and Control	International	07.04.18 to 08.04.18
4.	Dr.G.S.Annie Grace Vimala	Autonomous Mobile Object Classification	National Conference on Recent Trends in Information and Communication	National	28.03.18
5.	Dr.G.S.Annie Grace Vimala	Biometric Watermarking Technique using Image Processing	2017 International Conference on Intelligent Computing and Control	International	23.03.18 to 24.03.18
6.	Dr.G.S.Annie Grace Vimala	Crop Detection and Classification using Image Processing	International Conference on Innovation in Science and Engineering Research	International	23.03.18 to 24.03.18
7.	Dr.A.Akilandeswari	Reversible Logic Design for Adder in CMOS VLSI Design	International Conference on Informatics, Robotics, Construction & Communication	International	07.04.18 to 08.04.18
8.	Mr.M.Senthilmurugan	Design of Hybrid Model Cryptographic Algorithm for Wireless Sensor Networks	Innovation and Research in Marine Electrical and Electronics Engineering	International	06.10.17
9.	Mr.M.Senthilmurugan	Tracking and Alert System for College Transport Services	6 th National Conference on Trends in Instrumentation and Automation	National	28.03.18
10.	Mr.M.Senthilmurugan	Cloud-Based Home Sheltering using Raspberry Pi	National Conference on Emerging trends in Electrical, Electronics and Computer Engineering	National	04.04.18
11.	Mr.M.SamayarajMuraliKishanlal	Novel Broadband antenna Design for RFID tags	National Conference on Recent Trends in Information and Communication	National	28.03.18

12.	Mr.M.Baskaran	Photonic Carrier Generation with Frequency Octupling	National Conference on Recent Trends in Information and Communication	National	28.03.18
13.	Ms.K.Suja	Design and Simulation of Dual Band Microstrip Patch Antenna with Defected Ground Structure	National Conference on Recent Trends in Information and Communication	National	28.03.18
14.	Mr.M.V.Karthikeyan	Indoor Localization and Interaction System Using IBEACON	International Conference on Innovation in Science and Engineering Research	International	23.03.18 to 24.03.18
15.	Mrs.S.Tephillah	Establishing Secured Communication in Cognitive Radio Networks	8 th International Conference on Science and Innovative Engineering	International	01.04.18
16.	Dr.V.Sangeetha	Planar Compact Microstrip Rat-Race Coupler with Harmonic Suppression Deploying Modified Loop Transmission Lines for 5G Networks	30 th GISFI Standardisation Series Meeting and IEEE 5G Summit	International	16.11.17 to 17.11.17
17.	Dr.R.Raman	Enhancement of Data Security using Image Steganography Technique	International Conference on Innovation in Science and Engineering Research	International	23.03.18 to 24.03.18
18.	Mrs.G.Akilandeswary	Low Power Wireless Sensor Network for Building Monitoring	National Conference on Advances in Electrical and Electronics Engineering	National	06.04.18
19.	Mrs.G.Akilandeswary	Water Quality Monitoring System using IOT	National Conference on Recent Trends in Information and Communication	National	28.03.18
20.	Mr.T.Siva	Low Input Power and Gate For Photonic Integrated Circuits	International Conference on Innovation in Science and Engineering Research	International	23.03.18 to 24.03.18
21.	Mr.T.Siva	Design of a WSN for Precision Irrigation using Power	International Conference on Innovation in Science and	International	23.03.18 to 24.03.18

		Management Technique	Engineering Research		
22.	Mr.D.Suresh	Critical Surveillance and Controlling of Fuel tank in rocket engines	International Conference on Innovation in Science and Engineering Research	International	23.03.18 to 24.03.18
23.	Mrs.P.PrincyMagdeline	Wireless Stethoscope for Reading Heart Sound using Li-Fi	8 th International Conference on Science and Innovative Engineering	International	01.04.18
24.	Mrs.A.Maria Christina Blessy	BLUNANNY-Monitoring System using Raspberry Pi and IOT	International Conference on Contemporary Engineering and Technology	International	10.03.18 to 11.03.18
25.	Mrs.A.Maria Christina Blessy	Automatic Brake Failure Detection with Auxiliary Braking System	National Conference on Recent Trends in Information and Communication	National	28.03.18
26.	Mrs.A.Maria Christina Blessy	Visual recovery through Image Processing	National Conference on Recent Trends in Information and Communication	National	28.03.18
27.	Mrs.S.Gayathri	Healthcare Monitoring Kit using IOT	Seventh National Conference of Recent Enhancement in Advanced Computing Technologies	National	24.03.18
28.	Mrs.S.Gayathri	Gesture control ARM Controller Robot for Physically Handicapped	6 th National Conference on Trends in Instrumentation and Automation	National	28.03.18
29.	Mrs.D.M.Dheepika	Design of three layered stacked Microstrip patch antenna	International Conference on Innovation in science and Engineering Research	International	23/3/18 to 24/3/18
30.	Mrs.D.M.Dheepika	Target tracking using RSSI	International Conference on Science Engineering & Technology	International	23/3/18 to 24/3/18
31.	Mrs.D.Pradishta	Target Detection and Tracking using Raspberry Pi	National Conference on Recent Trends in Information and Communication	National	28/3/18
32.	Mrs.D.Pradishta	Design and simulation of Circular patch	National Conference on Recent Trends in	National	28/3/18

		antenna for 3.51GHz band and WiMAX applications	Information and Communication		
33.	Mrs.S.Sivasankari	Smart Board in Education	National Conference on Recent Trends in Information and Communication	National	28/3/18
34.	Mr.A.Dineshkumar	AAGC – Autonomous Armed Guard Companion	8 th International Conference on Science and Innovative Engineering	International	1/4/18
35.	Mr.A.Dineshkumar	Design and Analysis of Wideband Dual-Polarization Slot Antenna	International Conference on Innovation in science and Engineering Research	International	23/3/18 to 24/3/18
36.	Mr.K.Immanuel	Congestion Adaptive Navigation and Emergency alert Protocols	National Conference on Advances in Electrical and Electronics Engineering	National	6/4/18
37.	Mr.K.Immanuel	Personal Lung, Heart Rate monitoring Device for asthmatic patients	National Conference on Recent Trends in Information and Communication	National	28/3/18