



**St. Joseph's Institute of Technology**  
**St. Joseph's Group of Institutions**  
 OMR, Chennai - 119



**Department of Electronics and Communication Engineering**  
 (Accredited by NBA)

**CONFERENCE PUBLICATION**

**2019-2020**

S.no	Staff Name	Paper Title	Conference Name	Organizer Details	Date
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)	AMET, Chennai	26/9/2019 to 27/9/2019
2.	Dr.C.Gnana Kousalya	Versatile Insole Monitoring System	National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019)	AMET, Chennai	26/9/2019 to 27/9/2019
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]	SSCAD College of Engineering and Technology Cheranmahadevi, India	8/7/2020 & 9/7/2020
4.	Dr.G.Rohini	Energy Harvesting from Machineries for Industries	International conference on System, Computation, Automation and Networking ( ICSCAN 20)	Manakula Vinayagar Institute of Technology Puducherry, India	27/3/2020 to 28/3/2020
5.	Dr.P.G.V.Ramesh	VoIP using Wi-Fi Network	International Conference on Computer communication and Power Systems	Sri Venkateswara College of Technology	29/5/2020
6.	Dr.G.S.UdhayaKumar	Low Carbon Life	National Study Conference on Social Work Response to Disaster	Madras Christian College, Tambaram	26/9/2019 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)	AMET, Chennai	26/9/2019 to 27/9/2019
8.	Mr.M.Samayaraj Murali Kishanlal	OFDM based Comb Source for	National Conference on Recent Advances	AMET, Chennai	26/9/2019 to

		Future Optical Networks	in On- Board Ship Automation (RAOBSA 2019)		27/9/2019
9.	Mr.M.SenthilKumar	Image Compression Technique Using SPIHT and Vedic Multiplier	National Conference on Recent Advances in On- Board Ship Automation (RAOBSA 2019)	AMET, Chennai	26/9/2019 to 27/9/2019
10.	Mrs.G.Akilandeswari	Frame work for Next Generation Network Coding Technique for IOT and Performance Comparison of LU CHOKESKY Decomposition and QR Factorization Using LAPACK	International Conference on Computer communication and Power Systems	Sri Venkateswara College of Technology	29/5/2020
11.	Mrs.G.Akilandeswary	Next Generation Network Coding Technique for IoT	IEEE The Eleventh International Conference on Computing, Communication And Networking Technologies	Indian Institute of Technology, Kharagpur,	01/7/2020 to 03/7/2020
12.	Mrs.P.Princy Magdalnr	Forest Monitoring System	National Conference on Advanced Computing Technologies	Velammal Engineering College, Chennai	14/4/2020
13.	Mr.A.Dinesh Kumar	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi.	09/1/2020 to 10/1/2020
14.	Mr.K.Immanuel	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College	09/1/2020 to 10/1/2020
15.	Mr.J.Bino	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology (NEST 2020)	VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College	09/1/2020 to 10/1/2020
16.	Mr.E.Praveen Kumar	Design & Simulation of Polygeneration Energy system using MATLAB	National Conference on Environment and Sustainable Technology(NEST 2020)	VelTech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College	09/1/2020 to 10/1/2020
17.	Dr.V.R.Balaji	New Medelisation of Silicon DWDM demux, and Gate for	3 <sup>rd</sup> International Conference on “Emerging	Sardar Vallabhbhai National	07/2/2020 to 08/2/2020

		Wavelengths in C and L bands	Technology Trends in Electronics, Communication and Networking” (ET2ECN 2020)	Institute of Technology, Surat, Gujarat	
18.	Dr.V.R.Balaji	Smart Automated Energy Meter	3 <sup>rd</sup> International Conference on “Emerging Technology Trends in Electronics, Communication and Networking” (ET2ECN 2020)	Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat	07/2/2020 to 08/2/2020
19.	Mr.T.Siva	Smart Automated Energy Meter	3 <sup>rd</sup> International Conference on “Emerging Technology Trends in Electronics, Communication and Networking” (ET2ECN 2020)	Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat	07/2/2020 to 08/2/2020
20.	Mrs.A.Maria Christina Blessy	Identification of Melanoma Using Features of the Skin	2 <sup>nd</sup> International Conference on Communication, Computing & Internet of Things(IC3IoT-2020)	Sri Sai Ram Engineering College, Chennai	20/2/2020 to 22/2/2020
21.	Mr.A. Dinesh kumar	Optimised Use of Underground Water in urban Areas	International Conference on Computer communication and Power Systems,	Sri Venkateswara College of Technology	29/5/2020
22.	Mr.J.Bino	Secure Surveillance System for Alzheimer Patients in Hospital Environment	International Conference on Contemporary Engineering and Technology,	Prince Shri Venkateshwara Padmavathy Engineering, Medavakkam	14/3/2020 to 15/3/2020
23.	Mr.J.Bino	Secure Surveillance System for Alzheimer Patients in Hospital Environment	International Conference on Computer communication and Power Systems	Sri Venkateswara College of Technology	29/5/2020
24.	Mr.E.Praveen Kumar	Artificial Intelligence Based Auto Appliances Control System	International Conference on Computer communication and Power Systems	Sri Venkateswara College of Technology	29/5/2020

## 2018-2019

S.no	Staff Name	Paper Title	Conference Name	Organizer Details	Date
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	AMET University, Chennai.	27/9/18 to 28/9/18
2.	Dr.C.Gnana Kousalya	Under water Robotics	International Conference on Innovations and Research in Marine Electrical and Electronics Engineering	AMET University, Chennai.	27/9/18 To 28/9/18
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	AMET University, Chennai.	27/9/18 to 28/9/18
4.	Dr.P.G.V.Ramesh	Implementation of Fast Binary Counter	International Conference on Recent Developments in Engineering Management Science and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
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	NIT, Trichy.	22/5/19 to 24/5/19
6.	Dr.P.G.V.Ramesh	Design of Linear 2x2 Array Using Substrate-Integrated-Waveguide Patch Antenna for 28GHz MM-Wave Applications	International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks 2019	NIT, Trichy.	22/5/19 to 24/5/19
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	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
8.	Mr.M.SenthilMurugan	Implementation of Advanced Encryption Standard Algorithm in	International Conference on Innovations and Research in Marine	AMET University, Chennai	27/9/18 to 28/9/18

		steganography	Electrical and Electronics Engineering		
9.	Mr.M.SenthilMurugan	Lossless Image Compression using Modified SPIHT Algorithm	International Conference on Recent Developments in Engineering Management Science and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
10.	Mr.M.SenthilMurugan	Bone Mineral Density using Neural Networks	Recent Trends in Science, Engineering and Management	Karpaga Vinayaga College of Engineering and Technology, Chennai.	22/3/19 to 23/3/19
11.	Mr.M.Baskaran	Tupling Millimetre Generation using two Dual parallel Polarization	International Conference on Fiber Optics and Photonics	IIT Delhi	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	SSN College of Engineering, Chennai.	21/3/19 to 23/3/19
13.	Mrs.S.Tephillah	En-Route Drone for Medicine Delivery & other Emergency Purposes	International Conference on Recent Trends in Engineering Technology and Management	Coimbatore Institute of Engineering and Technology, Coimbatore	29/3/19 to 30/3/19
14.	Mrs.G.Akilandeswari	Survey on Networks Coding Techniques using Dense Linear Algebra for Heterogenous Multi-Core IoT devices with GPU Architecture	2 <sup>nd</sup> International Conference on Signals, Systems and Communication	Anna University, Chennai	07/1/19 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	Karpaga Vinayaga College of Engineering and Technology, Chennai.	22/3/19 to 23/3/19
16.	Mrs.G.Akilandeswari	Smart LED Street Light System for Smart City	International Conference on Recent Developments in Engineering Management Sciences and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
17.	Mrs.G.Akilandeswari	Advance Traffic System for Emergency Vehicles	Recent Trends in Science, Engineering and management	Karpaga Vinayaga College of Engineering and Technology, Chennai.	22/3/19 to 23/3/19

18.	Mrs.L.Kanagadurga	24/7 Line Doctor Patient Interaction Module in Hardware Implementation	Recent Trends in Science, Engineering and management	Karpaga Vinayaga College of Engineering and Technology, Chennai.	22/3/19 to 23/3/19
19.	Mr.T.Siva	Improving pixel clarity of Dynamic Weather Images using Image Processing	Recent Trends in Science, Engineering and management	Karpaga Vinayaga College of Engineering and Technology, Chennai.	22/3/19 to 23/3/19
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	Karpaga Vinayaga College of Engineering and Technology, Chennai.	22/3/19 to 23/3/19
21.	Mr.D.Suresh	Road Surface Conditions Monitoring System	International Conference on Recent Developments in Engineering Management Sciences and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
22.	Mr.D.Suresh	Wireless Women's Safety Wearable Device using Raspberry Pi	International Conference on Recent Developments in Engineering Management Sciences and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
23.	Mrs.P.PrincyMagdeline	Detection and Classification of Diseases in Cucumber leaves	International Conference on Recent Developments in Engineering Management Sciences and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19
24.	Mrs.P.PrincyMagdeline	Non Invasive Blood Glucose Monitoring	Recent Trends in Science, Engineering and management	Karpaga Vinayaga College of Engineering and Technology	22/3/19 – 23/3/19
25.	Mr.K.Immanuel	Building Structure Analysis and Automatic Monitoring System	International Conference on Emerging Trends in Computing, Electrical and Electronics	Alpha College of Engineering, Chennai.	17/3/19
26.	Mr.K.Immanuel	Wearable glove-type Driver Stress Detection using Sensors	International Conference on Recent Developments in Engineering Management Sciences and Technology	Dhaanish Ahmed College of Engineering, Chennai.	16/3/19

**2017-2018**

S.no	Staff Name	Paper Title	Conference Name	Organizer Details	Date
1.	Dr.C.Gnana Kousalya	Design Modelling and Fabrication of Humanoid Robot Communication	2017 International Conference on Intelligent Computing and Control	Karpagam College of Engineering, Coimbatore.	23/6/17 to 24/6/17
2.	Dr.G.Rohini	Autonomous Mobile Object Classification	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
3.	Dr.P.G.V.Ramesh	Fault Tolerance using CMOS VLSI circuits (Digital Circuits)	2017 International conference on Intelligent Computing and Control	PERI Institute of Technology, Chennai.	07/4/18 to 08/4/18
4.	Dr.G.S.Annie Grace Vimala	Autonomous Mobile Object Classification	National Conference on Recent Trends in Information and Communication	Saveetha Engineering College, Chennai.	28/3/18
5.	Dr.G.S.Annie Grace Vimala	Biometric Watermarking Technique using Image Processing	2017 International Conference on Intelligent Computing and Control	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18
6.	Dr.G.S.Annie Grace Vimala	Crop Detection and Classification using Image Processing	International Conference on Innovation in Science and Engineering Research	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18
7.	Dr.A.Akilandeswari	Reversible Logic Design for Adder in CMOS VLSI Design	International Conference on Informatics, Robotics, Construction & Communication	PERI Institute of Technology, Chennai.	7/4/18 to 8/4/18
8.	Mr.M.Senthilmurugan	Design of Hybrid Model Cryptographic Algorithm for Wireless Sensor Networks	Innovation and Research in Marine Electrical and Electronics Engineering	AMET University, Chennai.	6/10/17
9.	Mr.M.Senthilmurugan	Tracking and Alert System for College Transport Services	6 <sup>th</sup> National Conference on Trends in Instrumentation and Automation	Velammal Engineering College, Chennai.	28/3/18
10.	Mr.M.Senthilmurugan	Cloud-Based Home Sheltering using Raspberry Pi	National Conference on Emerging trends in Electrical, Electronics and Computer	JCT College of Engineering, Coimbatore.	4/4/18

			Engineering		
11.	Mr.M.SamayarajMurali Kishanlal	Novel Broadband antenna Design for RFID tags	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
12.	Mr.M.Baskaran	Photonic Carrier Generation with Frequency Octupling	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
13.	Ms.K.Suja	Design and Simulation of Dual Band Microstrip Patch Antenna with Defacted Ground Structure	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
14.	Mr.M.V.Karthikeyan	Indoor Localization and Interaction System Using IBEACON	International Conference on Innovation in Science and Engineering Research	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 – 24/3/18
15.	Mrs.S.Tephillah	Establishing Secured Communication in Cognitive Radio Networks	8 <sup>th</sup> International Conference on Science and Innovative Engineering	Jawahar Engineering College, Chennai.	01/4/18
16.	Dr.V.Sangeetha	Planar Compact Microstrip Rat-Race Coupler with Harmonic Suppression Deploying Modified Loop Transmission Lines for 5G Networks	30 <sup>th</sup> GISFI Standardisation Series Meeting and IEEE 5G Summit	SRM University, Kancheepuram.	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	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18
18.	Mrs.G.Akilandeswary	Low Power Wireless Sensor Network for Building Monitoring	National Conference on Advances in Electrical and Electronics Engineering	Bharath Institute of Higher Education and Research, Chennai.	6/4/18
19.	Mrs.G.Akilandeswary	Water Quality Monitoring System using IOT	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
20.	Mr.T.Siva	Low Input Power and Gate For Photonic Integrated Circuits	International Conference on Innovation in Science and Engineering Research	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18



21.	Mr.T.Siva	Design of a WSN for Precision Irrigation using Power Management Technique	International Conference on Innovation in Science and Engineering Research	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18
22.	Mr.D.Suresh	Critical Surveillance and Controlling of Fuel tank in rocket engines	International Conference on Innovation in Science and Engineering Research	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18
23.	Mrs.P.PrincyMagdeline	Wireless Stethoscope for Reading Heart Sound using Li-Fi	8 <sup>th</sup> International Conference on Science and Innovative Engineering	Jawahar Engineering College, Chennai.	1/4/18
24.	Mrs.A.Maria Christina Blessy	BLUNANNY-Monitoring System using Raspberry Pi and IOT	International Conference on Contemporary Engineering and Technology	Prince ShriVenkateswara Padmavathy Engineering College, Chennai.	10/3/18 to 11/3/18
25.	Mrs.A.Maria Christina Blessy	Automatic Brake Failure Detection with Auxiliary Braking System	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
26.	Mrs.A.Maria Christina Blessy	Visual recovery through Image Processing	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
27.	Mrs.S.Gayathri	Healthcare Monitoring Kit using IOT	Seventh National Conference of Recent Enhancement in Advanced Computing Technologies	RRASE College of Engineering, Tamil Nadu.	24/3/18
28.	Mrs.S.Gayathri	Gesture control ARM Controller Robot for Physically Handicapped	6 <sup>th</sup> National Conference on Trends in Instrumentation and Automation	Velammal Engineering College, Chennai.	28/3/18
29.	Mrs.D.M.Dheepika	Design of three layered stacked Microstrip patch antenna	International Conference on Innovation in science and Engineering Research	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	23/3/18 to 24/3/18
30.	Mrs.D.M.Dheepika	Target tracking using RSSI	International Conference on Science Engineering & Technology	Jeppiaar Engineeering College, Chennai.	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	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
32.	Mrs.D.Pradishta	Design and simulation of	National Conference on Recent Trends in	Bharath Institute of Higher Education	28/3/18

		Circular patch antenna for 3.51GHz band and WiMAX applications	Information and Communication	and Research, Chennai.	
33.	Mrs.S.Sivasankari	Smart Board in Education	National Conference on Recent Trends in Information and Communication	Bharath Institute of Higher Education and Research, Chennai.	28/3/18
34.	Mr.A.Dineshkumar	AAGC – Autonomous Armed Guard Companion	8 <sup>th</sup> International Conference on Science and Innovative Engineering	Jawahar Engineering College, Chennai.	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	New Shri Prince Bhavani College of Engineering and Technology, Chennai.	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	Bharath Institute of Higher Education and Research, Chennai.	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	Bharath Institute of Higher Education and Research, Chennai.	28/3/18