

SRI SAI RAM ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**ACADEMIC YEAR 2019 – 2020
CONFERENCE FACULTY PUBLICATIONS**

S.No	Name of the Faculty	Name of Activity	Conference Name	Title of the Paper	ISSN /DOI	Indexing
1	Dr.S.Sumathi	International Conference	International Conference on Contemporary Computing(IC31)	IOT based Google duplex Artificial Intelligence solution for elderly care	978-1-7281-5529	IEEE Explorer SCOPUS
2	Dr.S.Sumathi	International Conference	International Conference on Contemporary Computing(IC31)	Quality Detection of Fresh Fruits and Vegetables to Support Horticultural and Agro-industri	978-1-7281-5529	IEEE Explorer SCOPUS
3	Dr.S.Sumathi	International Conference	International Conference on Contemporary Computing(IC31)	Work-in-Progress: Smart Automatic Regeneration of Electricity using Thermoelectric Generator Technology	978-1-7281-5529	IEEE Explorer SCOPUS
4	Dr.S.Sumathi	International Conference	International Conference on Contemporary Computing(IC31)	Understanding the Emergence and Importance of Block chain-based Cyber-physical Social Machines:	978-1-7281-5529	IEEE Explorer SCOPUS
5	Dr.K.LakshmiJoshitha	National Conference	5th International Conference on Devices, Circuits and Systems (ICDCS)	Implementation of the Anti Pilferage and Anti Leakage system for Fuel Tankers	978-1-7281-5529	Sai Ram Engineering College
6	Dr.E.Priya	International Conference	2019 3rd International Conference on Computing and Communications Technologies (ICCCT)	Implementation and Validation of a Non-Contact Measurement of Cardiac Activity	978-1-7281-5529	Sai Ram Engineering College
7	Dr.M.Kanthimathi	International Conference	2019 International Conference on Vision	Performance Analysis of Multiple-Symbol Differential Detection based	978-1-7281-5529	SCOPUS

			Towards Emerging Trends in Communication and Networking (ViTECoN)	Space-Time Block Codes in Wireless Sensor Networks		
8	Dr.M.Kanthimathi	National Conference	IETE Zonal Seminar	Smart Engineering for sustainable development	Sai Ram Engineering College	
9	Ms.N.Shivanivarsha	International Conference	2019 3rd International Conference on Computing and Communications Technologies (ICCCT)	Fabrication of E noise sensor for detection of butane gas by using nanoporous silicon	ISSN:978-1-5386-9371-1/19	Sai Ram Engineering College
10	Ms.S.Gayathri, Mr.J.Prakash	International Conference	International Conference on Recent trends in Engineering ,Management and science(ICRTEMS)	Hallucination of face images across multiplatform modalities using Tensors	The mattingley publishing co.,Inc.	Scopus Delhi Institute Technology Management and research (DITMR) Faridabad, Haryana

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SRI SAI RAM ENGINEERING COLLEGE

ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2019- 2020

JOURNAL PUBLICATIONS

	Name of Faculty	Name of the Activity	Title of the Paper	Name of the Journal	Indexing	Publication Issue
1	Ms.G.Thilagavathy	International Journal	A Child Extraction In Bore well Using Pick And Place Robotic Arm	Journal Of Emerging technologies and Innovative research	SCOPUS	Volume 6, Issue 6; ISSN-2349-5162
2	Dr.J.Thamilselvi	International Journal	Analysis Of Cardiotocogram Data For Fetal Distress Determination	Think India	UGC	ISSN: 0971-1260 Vol-22- Issue-2
3			Fourth order diffusion model based edge map extraction of infra red breast images	<i>Web of Science: Journal Of Computational Methods In Sciences And Engineering</i>	Wos	DOI: 10.3233/JCM-181009
4	Ms.S.Usha	International Journal	IOT Based Anti-Theft Protection And Continuous Monitoring System For ATM	THINK INDIA <i>Approved</i>	UGC	ISSN: 0971-1260 Vol-22- Issue-2
5			Waiter robot with billing system	THINK INDIA <i>Approved</i>	UGC	ISSN: 0971-1260 Vol-22- Issue-2
6	Dr.M.Kanthimathi	International Journal	Automatic Medicine Vending System	THINK INDIA	UGC	ISSN: 0971-1260 Vol-22- Issue-2
7	Ms.M.Methini	International Journal	Automated Trash Collector With SMS Alert	Journal of Emerging Technologies and Innovative Research INDIA	UGC	Volume 6, Issue 6; ISSN-2349-5162

8	Ms.M.Methini		Smart Agriculture Using IOT	Journal of Emerging Technologies and Innovative Research India	Wos	Volume 6, Issue 6; ISSN-2349-5162
9	Ms.G.Shanthakumari	International Journal	Analysing The Quality Of A Fabric Using Arduino Uno	Think India	UGC	ISSN: 0971-1260 Vol-22-Issue-2
10	Ms.N.NazeeyaAnjum	International Journal	Simulation and Design of Low Noise Amplifier	Think India	UGC	ISSN: 0971-1260 Vol-22-Issue-2
11	Mr.K.Srinivasan	International Journal	Rescue Robot	Journal Of Emerging Technologies And Innovative Research INDIA	UGC	Volume 6, Issue 6; ISSN-2349-5162
12	Mr.B.Appoon	International Journal	GSM Based Anti-Theft Alarm System For Trees In Forest Using Wireless Sensor Network	Think India	UGC	ISSN: 0971-1260 Vol-22-Issue-2
13	Ms.V.Remya	International Journal	Image Compression Using Lifting Scheme	Journal of Emerging Technologies and Innovative Research	UGC	Volume 6, Issue 6; ISSN-2349-5162
14	Ms.S.Saranya	International Journal	Cost Effective Smart Home Based On FPGA	THINK INDIA	UGC	ISSN: 0971-1260 Vol-22-Issue-2
15	Ms.ShabanaParveen	International Journal	Data transmission using Li-Fi technology	Journal of Emerging Technologies and Innovative Research	UGC	Volume 6, Issue 6; ISSN-2349-5162
16	Ms.S.Prabhakaran	International Journal	A Surveillencing System Using Serpentine BOT	Journal of Emerging Technologies and Innovative Research	UGC	Volume 6, Issue 6; ISSN-2349-5162

17	Dr. J. Raja	International Journal	A Novel Approach to Adaptive Flow Scheduling for Energy Efficient Data Center Network	Journal of Internet Technology	Scopus	Volume 20 (2019) No.4
18	Dr. J. Raja	International Journal	Smart Medicine Box	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
19	Ms.G.Sudha	International Journal	A Secure Image Steganography for Speech Data Hiding	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
20	Dr.K.Sumathi	International Journal	Emergency Vehicle Pre-Emption and Patient Monitoring	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
21		International Journal	A Smart Controlling Application for Home Appliances Based On Virtual Touch Screen	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
22	Ms.N.NazeeyaAnjum	International Journal	IOT Based Health Monitoring System	International Journal of Research and Analytical Reviews (IJRAR)	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN 2349-5138)
23	Dr.E.Priya& Ms.G.Shanthakumari	International Journal	Performance Analysis: Preprocessing of Respiratory Lung Sounds	<i>Springer</i> Nature Singapore Pte Ltd. 2019	Scopus	SLAAI-ICAI 2018, CCIS 890, pp. 289–300, https://doi.org/10.1007/978-981-13-9129-3_21

24	Dr.J.Manikandan	International Journal	High Gain Vivaldi Antenna for Radar and Wi-Fi Application	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
25	Ms.V.A.Velvizhi	International Journal	Inclination Based Fall Detection System	International Journal of Research and Analytical Reviews (IJRAR)	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN 2349-5138)
26	Ms.C.N.Savithri	International Journal	Application Of Pulsed Electric Field For Food Preservation	International Journal of Research and Analytical Reviews (IJRAR)	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN 2349-5138)
27	Ms.S.Gayathri	International Journal	Smart Road Checking Vehicle	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
28	Ms.Josephine Ida Lirizia	International Journal	Design of Bus Tracking and Fuel Monitoring System	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
29	Mr.T.Sivasakthi	International Journal	Cryptographic Based Secured Communication between Army Stations	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
30	Ms.S.Saranya	International Journal	Traffic Density Analysis Using Background Subtraction Algorithm	International Journal of Research and Analytical Reviews (IJRAR)	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN 2349-5138)
31	Mr.U.Jayachandiran	International Journal	Audio File Hiding Using Steganography	International Journal of Research and Analytical	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN

				Reviews (IJRAR)		2349-5138)
32		International Journal	Elephant Warning System Using IoT	International Journal of Research and Analytical Reviews (IJRAR)	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN 2349-5138)
33	Ms.S.Prabhakaran	International Journal	Optical Character Recognition for Visual Impaired People Using Smart Grid Technology	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)	UGC	ISSN (Online) 2394-2320; Vol 6, Issue 7
34	MsN.ShivaaniVarsha	International Journal	Fabrication of E- noise sensor for detection of butane gas by using nano porous silicon	IEEE Digital explore	Scopus	DOI: 10.1109/ICCCT2.2019.8824977
35	Ms.V.A.Velvizhi	International Journal	Design and Implementation of Smart System for Interaction Between Blind, Deaf and Mute People	International Journal of Recent Technology and Engineering (IJRTE)	Scopus	ISSN: 2277-3878, Volume-8, Issue-2S11,
36	Dr.S.Brindha	International Journal	Analysis of laser linewidth on the performance of direct detection OFDM based backhaul and backbone networks	Journal of Optical Communications, De Gruyter.	Scopus	Impact Factor: 0.52 DOI: https://doi.org/10.1515/joc-2019-0222 . ISSN (Print) 0173-4911
37	Ms.N.NazeeyaAnjum	International Journal	Simulation and Design of Low Noise Amplifier	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	ISSN: 2278-3075, Volume-9, Issue-1,

38.	Dr.J.Manikandan	International Journal	Performance Examination of OFDM Modulation Techniques in LTE-4G	International Journal of Engineering and Advancement Technology(IJEAT)	Scopus	ISSN: 2249-8958, Volume 9, Issue 2
39	Mr.T.Sivasakthi Ms.S.Gayathri& Ms.K.Jeyapiriya	International Journal	Chaotic Dynamics of a Non-Linear Electronic circuit	International Journal of Recent Technology and Engineering (IJRTE)	Scopus	ISSN: 2277-3878, Volume-8 Issue-4S5
40	Ms.K.Subhashini	International Journal	An approach for Als Patients to control home appliances using beta waves	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120 Page No. 7729-7733
41	Mr.K.Devibalan	International Journal	Ultrasonic Sensor based Haptic feedback Navigational system for Deaf-Blind people	International Journal of Recent Technology and Engineering(IJRTE)- - International Journal	Scopus	ISSN:2277-3878, Volume-8 Issue 5
42	Mr.U.Jayachandran& Mr.K.Srinivasan	International Journal	Design of Distributed CMS using Intelligent computing Mechanisms	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120,pages4672-4675
43	Mr.D.Senthilkumar, Mr.J.Prakash&Mr.K.Devibalan	International Journal	Suicide Avoidance system based on Ceiling fan	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120,pages 4758-4759
44	Ms.V.Remya& Ms.S.Rajalakshmi	International Journal	Strong multiplier structure execution on FPGA with variable latency	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120; pages : 2844-2848

45	Ms.G.Sudha	International Journal	High pressure turbine casing expansion measurements in thermal power stations using smart sensor	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120; Pages: 7629-7634
46	Ms.B.Panjavarnam	International Journal	Quality of service optimization of ultrasound video streaming over LTE network	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120 pages :294-299
47	Mr.B.Appoon	International Journal	Multimedia Transmission in Cognitive Radio Networks with efficient QoS	TEST Engineering and Management-International Journal	Scopus	Vol 82; pages 300-305
48	Ms.S.Saranya	International Journal	Traffic density analysis using Canny edge detection Algorithm	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193-4120 pages: 16859 -16863
49	Mr.C.AlwinVinifred	International Journal	Grid Variables Synchronization Using Optimization Algorithm for Distributed generation System under Grid Fault Conditions	International Journal of Recent Technology and Engineering(IJRTE)	Scopus	ISSN: 2277-3878,Volume-8 Issue-5,Jan-2020,pages:2658-2665
50	Dr.M.Kanthimathi	International Journal	Advanced Driver Alert System for Ambulance Passby	TEST Engineering and Management-International Journal	Scopus	ISSN: 0193 - 4120 Page No. 4634 - 4637
51.	Ms. M. ShabanaParveen	International Journal	An Investigation on Performance of Mobile RPL in Linear Topology.	Artificial Intelligence and Evolutionary Computations in Engineering Systems.	Scopus	Page No: 611-622, Vol: 1056, Springer

52.	Ms.S. Gayathri Ms.K.Jeyapriya Mr.J.Prakash	International Journal	Hallucination of face images across multiple modalities using Tensors.	TEST Engineering and Management	Scopus	ISSN: 0193-4120 Page No. 13724-13728
53.	Ms.A.R.Rajini	International Journal	Staked T lines Integrated Circular Microstrip Tri-band Wearable antenna for GSM, ISM and NATO applications.	International Journal of Innovative Technology and Exploring Engineering	SCOPUS	ISSN:2278-3075 Vol.9, Issue. 4 Page No. 1735-1738
54.	Ms.N.Shivaanivarsha	International Journal	Secured food delivery and monitoring using Blockchain Algorithm	Test Engineering and Management	Scopus	Vol. 82, pp. 14343-14349
55.	Dr.M.Kanthimathi	International Journal	Energy efficient decision fusion for differential space-time block codes in wireless sensor networks	Indian Journal of Pure & Applied Physics.	Wos	Vol. 58, pp. 147-156
56.	Dr.J.Arunarasi	International Journal	Experimental investigation on inherent properties of Hydroxybutanedioic Acid treated banana/sisal fibers based hybrid composite	Materials today: Proceedings	Scopus	https://doi.org/10.1016/j.matpr.2020.02.708
57.	Ms.V.Sasikala	International Journal	Exploration of indispensable properties of textile-grade glass fibers/white caustic treated banana fiber hybrid composite	Materials today: Proceedings	Scopus	https://doi.org/10.1016/j.matpr.2020.02.700
58.	Ms.B.Rajalakshmi	International Journal	Design of Sign to Speech Conversion System With Augmented Reality Assistant	Test Engineering and Management	Scopus	Vol. 83, pp. 12483 - 12489
59.	Dr.J.Arunarasi Ms.V.Sasikala	International Journal	Emerging Trend in Inter-Train Communication System	Test Engineering and Management	Scopus	Vol. 83, pp. 17471-17473

60.	Dr.K.LakshmiJoshitha	International Journal	Implementation of the Anti Pilferage and Anti Leakage system for Fuel Tankers.	IEEE Xplore Digital Library	Scopus	5 th International Conference on Devices, Circuits and Systems
61.	Ms.N.Logeswari	International Journal	Optimized wireless power transmission system with magnetic coupled resonance technique	International Journal of Advanced Science and Technology	Scopus	Vol. 29, No. 6s pp. 1712 - 1720
62.		International Journal	Investigations on On-Board Charger with Simultaneous Charging of Low Voltage Battery for Electrical Vehicles	International Journal of Advanced Science and Technology	Scopus	Vol. 29, No. 6s pp. 1721-1730
63.	Dr.S.Brindha	International Journal	Fiber impairments mitigation in OFDM based cognitive optical networks	Optical and Quantum Electronics	SCI	Vol 52, Article Number 273, Electronic ISSN 1572-817X
64.	Ms.V.Sasikala	International Journal	Performance analysis of multi logic all-optical structure based on nonlinear signal processing in SOA	Journal of Optics	Scopus	ISSN 0972-8821 DOI 10.1007/s12596-020-00608-4
65.	Ms.V.Sasikala Dr.J.Arunarasi	International Journal	Smart Industrial Automation Electrical Gripper	Journal of research in Instrumentation and Control Engineering	Scopus	Vol 5 Issue 1 pp. 18-27
66	Dr.K.LakshmiJoshitha	International Journal	Implementation Of The Anti Pilferage And Anti Leakage System For Fuel Tankers(2019)	5th International Conference On Devices, Circuits And Systems (ICDCS)	Wos	978-1-7281-5529
67	Dr.K.Lakshmi Joshitha	International Journal	Performance Analysis For Lifetime Improvement Of A	Cluster computing the journal of network software tools and	Wos	Volume 22-Issue S9805-S9814,Page1261-1282

			Regression Based Clustered Network Through Cluster Member Allocation And Secondary Cluster Head Selection In A Distributed WSN	applications		DOI 10.1007/S10586-017-1592-y - july 2019
68	Dr.K.LakshmiJoshitha	International Journal	A Novel Redundant Hole Identification And Healing Algorithm For A Homogeneous Distributed Wireless Sensor Network	Wireless Personal Communications	Wos	Volume 104, Issue 4 Page 1261-1282 DOI10.1007/S11277-018-6079-5 FEB 2019978-1-7281-5529
69	Dr.J.Raja	International Journal	Network affinity aware energy efficient virtual machine placement algorithm.	Business intelligence and Data Mining	Scopus	DOI:10.1504/IJBIDM.2019.096803 Vol.14 2019 pp.40-53

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