

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

Sl. No	Name	Title of the Paper	Journal	Publication Issue
June 2019				
1	Ms.G.Thilagavathy	A Child Extraction In Borewell Using Pick And Place Robotic Arm	Journal of Emerging Technologies and Innovative Research	Volume 6, Issue 6; ISSN-2349-5162
2	Dr.J.Thamilselvi	Analysis Of Cardiocogram Data For Fetal Distress Determination	<i>UGC APPROVED</i> :Think India	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</i> : Journal Of Computational Methods In Sciences And Engineering	DOI: 10.3233/JCM-181009
4	Ms.S.Usha	IOT Based Anti-Theft Protection And Continuous Monitoring System For ATM	THINK INDIA – <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
5		Waiter robot with billing system	THINK INDIA – <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
6	Dr.M.Kanthimathi	Automatic Medicine Vending System	THINK INDIA INDIA – <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
7	Ms.M.Methini	Automated Trash Collector With Sms Alert	Journal of Emerging Technologies and Innovative Research INDIA – <i>UGC Approved</i>	Volume 6, Issue 6; ISSN-2349-5162
8		Smart Agriculture Using IOT	Journal of Emerging Technologies and Innovative Research INDIA – <i>UGC Approved</i>	Volume 6, Issue 6; ISSN-2349-5162
9	Ms.G.Shanthakumari	Analysing The Quality Of A Fabric Using Arduino Uno	THINK INDIA - <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
11	Ms.N.Nazeeya Anjum	Simulation and Design of Low Noise Amplifier	THINK INDIA - <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
12	Mr.K.Srinivasan	Rescue Robot	Journal of Emerging Technologies and Innovative Research INDIA - <i>UGC Approved</i>	Volume 6, Issue 6; ISSN-2349-5162
13	Mr.B.Appoon	GSM Based Anti-Theft Alarm System For Trees In Forest Using Wireless Sensor Network	THINK INDIA - <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
14	Ms.V.Remya	Image Compression Using Lifting Scheme	Journal of Emerging Technologies and Innovative Research - <i>UGC Approved</i>	Volume 6, Issue 6; ISSN-2349-5162

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

15	Ms.S.Saranya	Cost Effective Smart Home Based On FPGA	THINK INDIA - <i>UGC Approved</i>	ISSN: 0971-1260 Vol-22-Issue-2
16	Ms.Shabana Parveen	Data transmission using Li-Fi technology	Journal of Emerging Technologies and Innovative Research - <i>UGC Approved</i>	Volume 6, Issue 6; ISSN-2349-5162
17	Ms.S.Prabhakaran	A Surveillencing System Using Serpentine BOT	Journal of Emerging Technologies and Innovative Research - <i>UGC Approved</i>	Volume 6, Issue 6; ISSN-2349-5162
July 2019				
18	Dr. J. Raja	A Novel Approach to Adaptive Flow Scheduling for Energy Efficient Data Center Network	Journal of Internet Technology	Volume 20 (2019) No.4
19		Smart Medicine Box	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) - <i>UGC Approved</i>	ISSN (Online) 2394-2320; Vol 6, Issue 7
20	Ms.G.Sudha	A Secure Image Steganography for Speech Data Hiding	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) - <i>UGC Approved</i>	ISSN (Online) 2394-2320; Vol 6, Issue 7
21	Dr.K.Sumathi	Emergency Vehicle Pre-Emption and Patient Monitoring	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)- <i>UGC Approved</i>	ISSN (Online) 2394-2320; Vol 6, Issue 7
22		A Smart Controlling Application for Home Appliances Based On Virtual Touch Screen	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)- <i>UGC Approved</i>	ISSN (Online) 2394-2320; Vol 6, Issue 7
23	Ms.N.Nazeeya Anjum	IOT Based Health Monitoring System	International Journal of Research and Analytical Reviews (IJRAR) - <i>UGC Approved</i>	Volume 6, Issue 3 (E-ISSN 2348-1269, P- ISSN 2349-5138)
24	Dr.E.Priya & Ms.G.Shanthakumari	Performance Analysis: Preprocessing of Respiratory Lung Sounds	<i>Springer</i> Nature Singapore Pte Ltd. 2019	SLAAI-ICAI 2018, CCIS 890, pp. 289–300, https://doi.org/10.1007/978-981-13-

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

				9129-3 21
25	Dr.J.Manikandan	High Gain Vivaldi Antenna for Radar and Wi-Fi Application	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) – UGC Approved	ISSN (Online) 2394-2320; Vol 6, Issue 7
26	Ms.V.A.Velvizhi	Inclination Based Fall Detection System	International Journal of Research and Analytical Reviews (IJRAR) – UGC Approved	Volume 6, Issue 3 (E-ISSN 2348-1269, P- ISSN 2349-5138)
27	Ms.C.N.Savithri	Application Of Pulsed Electric Field For Food Preservation	International Journal of Research and Analytical Reviews (IJRAR) – UGC Approved	Volume 6, Issue 3 (E-ISSN 2348-1269, P- ISSN 2349-5138)
28	Ms.S.Gayathri	Smart Road Checking Vehicle	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) – UGC Approved	ISSN (Online) 2394-2320; Vol 6, Issue 7
29	Ms.Josephine Ida Lirizia	Design of Bus Tracking and Fuel Monitoring System	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) – UGC Approved	ISSN (Online) 2394-2320; Vol 6, Issue 7
30	Mr.T.Sivasakthi	Cryptographic Based Secured Communication between Army Stations	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) – UGC Approved	ISSN (Online) 2394-2320; Vol 6, Issue 7
31	Ms.S.Saranya	Traffic Density Analysis Using Background Subtraction Algorithm	International Journal of Research and Analytical Reviews (IJRAR) - UGC Approved	Volume 6, Issue 3 (E-ISSN 2348-1269, P- ISSN 2349-5138)
32	Mr.U.Jayachandiran	Audio File Hiding Using Steganography	International Journal of Research and Analytical Reviews (IJRAR)- UGC Approved	Volume 6, Issue 3 (E-ISSN 2348-1269, P- ISSN 2349-5138)
33		Elephant Warning System Using IoT	International Journal of Research and Analytical Reviews (IJRAR) - UGC Approved	Volume 6, Issue 3 (E-ISSN 2348-1269, P- ISSN 2349-5138)
34	Ms.S.Prabhakaran	Optical Character Recognition for Visual Impaired People	International Journal of Engineering Research in	ISSN (Online) 2394-2320; Vol 6, Issue 7

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

		Using Smart Grid Technology	Computer Science and Engineering (IJERCSE) - <i>UGC Approved</i>	
September 2019				
35	Ms.N.Shivaani Varsha	Fabrication of E- noise sensor for detection of butane gas by using nano porous silicon	IEEE Digital explore	DOI: 10.1109/ICCCT2.2019.8824977
36	Ms.V.A.Velvizhi	Design and Implementation of Smart System for Interaction Between Blind, Deaf and Mute People	International Journal of Recent Technology and Engineering (IJRTE) <i>Scopus indexed</i>	ISSN: 2277-3878, Volume-8, Issue-2S11,
November 2019				
37	Dr.S.Brindha	Analysis of laser linewidth on the performance of direct detection OFDM based backhaul and backbone networks	Journal of Optical Communications, De Gruyter. <i>Scopus Indexed</i>	Impact Factor: 0.52 DOI: https://doi.org/10.1515/joc-2019-0222 . ISSN (Print) 0173-4911
38	Ms.N.Nazeeya Anjum	Simulation and Design of Low Noise Amplifier	<i>Scopus Indexed</i> - International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Volume-9, Issue-1,
December 2019				
39.	Dr.J.Manikandan	Performance Examination of OFDM Modulation Techniques in LTE-4G	International Journal of Engineering and Advancement Technology(IJEAT)- <i>Scopus indexed</i>	ISSN: 2249-8958, Volume 9, Issue 2
40	Mr.T.Sivasakthi Ms.S.Gayathri & Ms.K.Jeyapiriya	Chaotic Dynamics of a Non-Linear Electronic circuit	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-8 Issue-4S5
January 2020				
41.	Ms.K.Subhashini	An approach for Als Patients to control home appliances using beta waves	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120 Page No. 7729-7733
42.	Mr.K.Devibalan	Ultrasonic Sensosr based Haptic feedback Navigational system for Deaf-Blind people	International Journal of Recent Technology and Engineering(IJRTE)- - International Journal(<i>Scopus Indexed</i>)	ISSN:2277-3878, Volume-8 Issue 5

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

43.	Mr.U.Jayachandran & Mr.K.Srinivasan	Design of Distributed CMS using Intelligent computing Mechanisms	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120,pages4672-4675
44.	Mr.D.Senthilkumar, Mr. J.Prakash & Mr.K.Devibalan	Suicide Avoidance system based on Ceiling fan	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120,pages 4758-4759
45.	Ms.V.Remya & Ms.S.Rajalakshmi	Strong multiplier structure execution on FPGA with variable latency	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120; pages : 2844-2848
46.	Ms.G.Sudha	High pressure turbine casing expansion measurements in thermal power stations using smart sensor	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120; Pages: 7629-7634
47.	Ms.B.Panjavarnam	Quality of service optimization of ultrasound video streaming over LTE network	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120 pages :294-299
48.	Mr.B.Appoon	Multimedia Transmission in Cognitive Radio Networks with efficient QoS	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	Vol 82; pages 300-305
49.	Ms.S.Saranya & Ms.Shabana Parveen	Traffic density analysis using Canny edge detection Algorithm	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	ISSN: 0193-4120 pages: 16859 -16863
50	Mr.C.Alwin Vinifred	Grid Variables Synchronization Using Optimization Algorithm for Distributed generation System under Grid Fault Conditions	International Journal of Recent Technology and Engineering(IJRTE)	ISSN: 2277-3878,Volume-8 Issue-5,Jan-2020,pages:2658-2665

February 2020

51.	Ms. M. Shabana Parveen	An Investigation on Performance of Mobile RPL in Linear Topology.	Artificial Intelligence and Evolutionary Computations in Engineering Systems.	Page No: 611-622, Vol: 1056, Springer
52.	Ms.S. Gayathri Ms.K.Jeyapriya Mr.J.Prakash	Hallucination of face images across multiple modalities using Tensors.	TEST Engineering and Management	ISSN: 0193-4120 Page No. 13724-13728
53.	Ms.A.R.Rajini Dr.A.Henridas	Staked T lines Integrated Circular Microstrip Tri-band Wearable antenna for GSM, ISM and NATO applications.	International Journal of Innovative Technology and Exploring Engineering	ISSN:2278-3075 Vol.9, Issue. 4 Page No. 1735-1738

March 2020

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

54.	Ms.N.Shivaanivarsha	Secured food delivery and monitoring using Blockchain Algorithm	Test Engineering and Management	Vol. 82, pp. 14343-14349
55.	Dr.M.Kanthimathi	Energy efficient decision fusion for differential space-time block codes in wireless sensor networks	Indian Journal of Pure & Applied Physics.	Vol. 58, pp. 147-156
56.	Dr.J.Arunarasi	Experimental investigation on inherent properties of Hydroxy butanedioic Acid treated banana/sisal fibers based hybrid composite	Materials today: Proceedings	Published online https://doi.org/10.1016/j.matpr.2020.02.708
57.	Ms.V.Sasikala	Exploration of indispensable properties of textile-grade glass fibers/white caustic treated banana fiber hybrid composite	Materials today: Proceedings	Published online https://doi.org/10.1016/j.matpr.2020.02.700
April 2020				
58.	Ms.B.Rajalakshmi	Design of Sign to Speech Conversion System With Augmented Reality Assistant	Test Engineering and Management	Vol. 83, pp. 12483 - 12489
59.	Dr.J.Arunarasi Ms.V.Sasikala	Emerging Trend in Inter-Train Communication System	Test Engineering and Management	Vol. 83, pp. 17471-17473
60.	Dr.K.Lakshmi Joshitha	Implementation of the Anti Pilferage and Anti Leakage system for Fuel Tankers.	IEEE Xplore Digital Library	5 th International Conference on Devices, Circuits and Systems
May 2020				
61.	Ms.N.Logeswari	Optimised wireless power transmission system with magnetic coupled resonance technique	International Journal of Advanced Science and Technology	Vol. 29, No. 6s pp. 1712 - 1720
62.		Investigations on On-Board Charger with Simultaneous Charging of Low Voltage Battery for Electrical Vehicles	International Journal of Advanced Science and Technology	Vol. 29, No. 6s pp. 1721- 1730

Sri SaiRam Engineering College
Department of Electronics and Communication Engineering
Faculty Publications- June 2019 to May 2020

63.	Dr.S.Brindha	Fiber impairments mitigation in OFDM based cognitive optical networks	Optical and Quantum Electronics	Vol 52, Article Number 273, Electronic ISSN 1572-817X
64.	Ms.V.Sasikala	Performance analysis of multilogic all-optical structure based on nonlinear signal processing in SOA	Journal of Optics	ISSN 0972-8821 DOI 10.1007/s12596-020-00608-4
65.	Ms.V.Sasikala Dr.J.Arunarasi	Smart Industrial Automation Electrical Gripper	Journal of research in Instrumentation and Control Engineering	Vol 5 Issue 1 pp. 18-27