

Sl.No	Name	Title of the Paper	Journal	Indexing	Publication Issue
<u>DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING</u> <u>FACULTY PUBLICATIONS- JUNE 2019 TO MAY 2020</u>					
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 Cardiotocogram Data For Fetal Distress Determination	<i>UGC APPROVED</i> :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</i> : Journal Of Computational Methods In Sciences And Engineering	Web of Science	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>	UGC	ISSN: 0971-1260 Vol-22-Issue-2
5		Waiter robot with billing system	THINK INDIA – <i>UGC Approved</i>	UGC	ISSN: 0971-1260 Vol-22-Issue-2
6	Dr.M.Kanthimathi	Automatic Medicine Vending System	THINK INDIA	UGC	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	UGC	Volume 6, Issue 6; ISSN-2349-5162
8		Smart Agriculture Using IOT	Journal of Emerging Technologies and Innovative Research INDIA	UGC	Volume 6, Issue 6; ISSN-2349-5162
9	Ms.G.Shanthakumari	Analysing The Quality Of A Fabric Using Arduino Uno	THINK INDIA	UGC	ISSN: 0971-1260 Vol-22-Issue-2
10	Ms.N.Nazeeya Anjum	Simulation and Design of Low Noise Amplifier	THINK INDIA	UGC	ISSN: 0971-1260 Vol-22-Issue-2

11	Mr.K.Srinivasan	Rescue Robot	Journal of Emerging Technologies and Innovative Research INDIA	UGC	Volume 6, Issue 6; ISSN-2349-5162
12	Mr.B.Appoon	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	Image Compression Using Lifting Scheme	Journal of Emerging Technologies and Innovative Research	UGC	Volume 6, Issue 6; ISSN-2349-5162
14	Ms.S.Saranya	Cost Effective Smart Home Based On FPGA	THINK INDIA	UGC	ISSN: 0971-1260 Vol-22-Issue-2
15	Ms.Shabana Parveen	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	A Surveillencing System Using Serpentine BOT	Journal of Emerging Technologies and Innovative Research	UGC	Volume 6, Issue 6; ISSN-2349-5162
July 2019					
17	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
18		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	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	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		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.Nazeeya Anjum	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	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	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	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	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	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	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	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	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	Audio File Hiding Using Steganography	International Journal of Research and Analytical Reviews (IJRAR)	UGC	Volume 6, Issue 3 (E-ISSN 2348-1269, P-ISSN 2349-5138)
32		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	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
September 2019					
34	Ms.N.Shivaani Varsha	Fabrication of E- noise sensor for detection of butane gas by using nano porous silicon	IEEE Digital explore	Scopus	DOI: 10.1109/ICCCT 2.2019.8824977
35	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)	Scopus	ISSN: 2277-3878, Volume-8, Issue-2S11,
November 2019					
36	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.	Scopus	Impact Factor: 0.52 DOI: https://doi.org/10.1515/joc-2019-0222 . ISSN (Print) 0173-4911
37	Ms.N.Nazeeya Anjum	Simulation and Design of Low Noise Amplifier	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	ISSN: 2278-3075, Volume-9, Issue-1,
December 2019					
38.	Dr.J.Manikandan	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	Chaotic Dynamics of a Non-Linear Electronic circuit	International Journal of Recent Technology and Engineering (IJRTE)	Scopus	ISSN: 2277-3878, Volume-8 Issue-4S5
January 2020					
40	Ms.K.Subhashini	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	Ultrasonic Sensosr 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	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	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	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	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	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	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	Traffic density analysis using Canny edge detection Algorithm	TEST Engineering and Management- International Journal	Scopus	ISSN: 0193-4120 pages: 16859 - 16863
49	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)	Scopus	ISSN: 2277-3878, Volume-8 Issue-5,Jan-2020,pages:2658-2665

50	Dr.M.Kanthimathi	Advanced Driver Alert System for Ambulance Passby	TEST Engineering and Management- International Journal(<i>Scopus Indexed</i>)	Scopus	ISSN: 0193 - 4120 Page No. 4634 - 4637
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.	Scopus	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	Scopus	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					
54.	Ms.N.Shivaanivarsha	Secured food delivery and monitoring using Blockchain Algorithm	Test Engineering and Management	Scopus	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.	Scopus	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	Scopus	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	Scopus	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	Scopus	Vol. 83, pp. 12483 - 12489
59.	Dr.J.Arunarasi Ms.V.Sasikala	Emerging Trend in Inter-Train Communication System	Test Engineering and Management	Scopus	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	Scopus	5 th International Conference on Devices, Circuits and Systems
May 2020					
61.	Ms.N.Logeswari	Optimized wireless power transmission system with magnetic coupled resonance	International Journal of Advanced Science and Technology	Scopus	Vol. 29, No. 6s pp. 1712 - 1720

		technique			
62.		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	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	Performance analysis of multilogic 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	Smart Industrial Automation Electrical Gripper	Journal of research in Instrumentation and Control Engineering	Scopus	Vol 5 Issue 1 pp. 18-27