

Department of Electronics and Communication Engineering
Journal Publications

S.No.	Name of the Faculty	Title of Paper published	Name of the Journal	Volume, Pages & Year
1.	B. Sargunam, R. Miruthu Bashini, K. Thaijalnayaki, S. Priyadharshini, A. Swethapushpa,	Wireless Patient Monitoring System with Electronic Notice Board	International Journal for Trends in Engineering & Technology ISSN:2349-9303 Impact Factor:0.765	Vol. 14, Issue 1, pp. 95-98, 2017
2.	D. VeeraVanitha, S. Nivitha, R. Pritha, J. Saraanya, T. Shobika	Automatic Drip Irrigation System using Raspberry PI and Wireless Sensor Networks	International Journal of Innovative Research in Science, Engineering and Technology ISSN: 2319-8753	Vol. 6, Issue 3, pp. 5088-5092, 2017
3.	D. VeeraVanitha, K. Keerthana, S. Maithili, M. Priyanka, K. Sindhu, R. Suganya	Template Matching Based on Optical Character Recognition Aided to Visually Challenged People	International Journal of Innovative Research in Science, Engineering and Technology ISSN:2319-8753	Vol. 6, Issue 3, pp. 5065-5091, 2017
4.	P. Vigneswari, S. Sivakumari	Study on Forward Error Correction Codes for Optical Network	International Journal for Research in Electronics and Computer Engineering ISSN: 2319-8753 Impact Factor: 0.543	Vol. 5, pp.130- 134,2017
5.	S. Anitha	Indian Currency Denomination Recognition System By KNN Classifier	International Journal for Trends in Engineering and Technology ISSN:2349-9303 Impact Factor: 0.765	Vol. 14, Issue 1, 2017
6.	G. P. Darshan, B. S. Rohini, H Nagabhushana, R B Basavaraj, S C Sharma, R. Sudarmani	Fabricated Ceo2 Nano powder as A Novel Sensing Platform for Advanced Forensic, Electrochemical and Polycatalytic Applications	Journal of Applied Nanoscience Springer ISSN: 2190-5517 Impact Factor: 3.325 SCOPUS Indexed	Vol. 7, pp. 815-833, 2017
7.	M. Venkataravanappa, H. Nagabhushana, Darshan Prabhu Kumar, S.C. Sharma, Archana K.V, Basavaraj Birajdar, Daruka Prasad B	Facile Ultrasound Route for the Fabrication of Green Emitting Ba2SiO4: Eu2+nanophosphors for Display and Domestic Applications	Material Research Bulletin /Elsevier ISSN: 0025-5408 Impact Factor: 2.446 SCOPUS Indexed	Vol. 97, pp.281- 292,2018

8.	R. B. Basavaraj, H. Nagabhushana, Darshan Prabhu Kumar, B Daruka Prasad,M Rahul, S C. Sharma, R. Sudarmani, K. V. Archana	Red and Green Emitting Cdsio3:Tb3+/Eu3+ Nano powders as Fluorescent Labelling Agents Useful for Forensic and Display Applications	Journal of Dyes and Pigments/ Elsevier ISSN: 0143-7208 Impact Factor: 3.473 SCOPUS Indexed	Vol. 147, pp. 364-377, 2017
9.	K.V. Archana Dr.R.Vanithamani	Review on Intravascular Ultrasound (IVUS) Image Detection	International Journal of Advanced Research in Science, Engineering, Engineering and Technology ISSN: 2350-0328	Vol. 4, Issue 7, 2017
10.	D. Veera Vanitha, D. Sumitha	Performance Evaluation of Priority Based OBS networks with Negative Bursts	Journal of Applied Mathematics and Information Sciences, Natural Sciences Publishing Corporation ISSN: 2325-0399 Impact Factor: 1.232 SCOPUS INDEX	Vol.11, Issue 6, pp. 1649-1654, 2017
11.	P.G.Padma Gowri	On-Line Monitoring and Protection of Alternator in ETPS	International Journal of Advanced Research in Science, Engineering and Technology ISSN: 2350-0358	Vol. 4, Issue 11, 2017
12.	P.G.Padma Gowri	Optimizing Bit Error Rate and Power Consumption Through Systematic Approach for OFDM Systems	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321-2004	Vol. 5, Issue 11, 2017
13.	P.G.Padma Gowri	Energy Conservation Techniques in a Foundry	International Journal of Modern Trends in Engineering and Science ISSN: 2348- 3121	Vol. 4, Issue 11, 2017
14.	Deepthi V, Karthika K, Kowsika R, Siva Keerthana, Dr. R. Sudarmani	Study of Gully Pot Monitoring System for Urban Areas	International Journal of Current Engineering and Technology ISSN: 2347-5161	Vol.8, No.1, pp. 128-131, 2018
15.	K.R.Priyanga, P.Manju Parkavi	Security System & Smart Automation using IOT	International Journal of Advanced Research in Electronics & Communication Engineering,	Vol.7, Issue.11, pp. 760-763. 2018

			ISSN: 2278-909X	
16.	K.R.Priyanga, Dhanushree.V, Pavithra.M, Santhiya.K	Traffic Control and Vehicle Tracking Using RFID	International Journal of Electronics and Communication Engineering ISSN:2348-8549	Vol.5, Issue.12, pp. 6-9, 2018
17.	P.G.Padma Gowri	Smart Power Monitoring System Using IoT	International Advanced computing and communication systems (IEEE) Journals, Sri Eshwar 1college of Engineering, (IEEE), Coimbatore ISSN: 978-93-5351-492	Vol.1, Issue.1 pp. 89 2019
18.	Dr. B. Sargunam, S. Anusha	Real Time Tracking System using Bluetooth	Journal of Applied Science and Computations ISSN:1076-5131	Vol.6, Issue.5, pp. 3847-3850, 2019
19.	Dr. R. Sudarmani, R. Chitra, G. Mahalakshmi Malini	Energy Efficient Data Aggregation in Automatic Irrigation System: Heterogeneous Sensor Networks With Mobile Sink	Journal of Applied Science and Computations, ISSN: 1076-5131	Vol.6, Issue.5, pp. 3860-3866, 2019
20.	R. Chitra, Dr. R. Sudarmani, G. Mahalakshmi Malini	A Comprehensive Survey: Survivability Techniques in WDM Optical Networks	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3855-3859, 2019
21.	Dr. D.Veera Vanitha	Impact of Server Failure In OBS Networks	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3840-3842, 2019
22.	P.Vigneswari	A New Approach for Improving Coding Performance in High Speed Optical Networks	Journal of Applied Science and Computations, ISSN: 1076-5131	Vol.6, Issue.5, pp. 3653-3658, 2019
23.	G. Mahalakshmi Malini, Dr. R. Sudarmani, R. Chitra	A Novel Canny Distributed Edge Detection Algorithm using VHDL	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3695-3699, 2019
24.	G.Mahalakshmi Malini, M.Divya, R.Nagashruthi R.Ragavi	Automatic Car Parking Space Detection using Image Processing	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3695-3699, 2019
25.	K.V.Archana, Indhu.S, Kanniya Vikashini.B, Vaishnavi.M	Detection of Leukemia in Human Blood Sample using Microscopic Images	Journal of Applied Science and Computations ISSN:1076-5131	Vol.6, Issue.5, pp. 3690-3694, 2019

26.	Dr. D.Veera Vanitha, M. Divya Poornima, A. Uma Maheshwari R.Yazhini	Survey on Microcontroller Based Automatic Source Changeover Between Solar and Main System	Journal of Applied Science and Computations ISSN:1076-5131	Vol.6, Issue.5, pp. 3711-3714, 2019
27.	Dr. R. Sudarmani, A.Akalya, A.Akshaya T. Madhura	WSN SCADA-DCS Implementation for Industrial Automation using LabVIEW Through ZigBee	Journal of Applied Science and Computations ISSN:1076-5131	Vol.6, Issue.5, pp. 3741-3745, 2019
28.	Dr. R.Sudarmani, S.S.Pooja Sri, N.S.Preethi and R.Priyadharshini	Development of Smart Shoes for Visually Impaired People Using IOT	Journal of Applied Science and Computations, ISSN:1076-5131	Vol.6, Issue.5, pp. 3751-3754, 2019
29.	R.Chitra, J.Harismita, A.Kamatchi R.Roopkala	An Intelligent Live Streaming Rescue System For Women Using Raspberry Pi	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3760-3762, 2019
30.	G.Mahalakshmi Malini, P.Anusha Jerin, S.Kiruthika and S.Suhita	Indoor Person Tracking System using Bluetooth	Journal of Applied Science and Computations ISSN:1076-5131	Vol.6, Issue.5, pp. 3877-3879, 2019
31.	Dr.B.Sargunam , S. Gousalya, K. Jayasurya, M. Kiruthika	Voice Based Notice Board using Android Application	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3769-3772, 2019
32.	Ms.R.Chitra, N.Keerthiga, M.Dhivya Bharathi, M.Sukanya Ravindran	Fire extinguishing Robotic vehicle using IOT	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3785-3788, 2019
33.	P.Manju Parkavi, Geethamani.T, Glarindha.J, Sterly Jaisha.J	Smart Wireless Mobile Phone Usage Detection System	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3851-3854, 2019
34.	K.R.Priyanga, Dhanushree.V, Pavithra.M, Santhiya.K,	Traffic Control And Vehicle Tracking Using RFID	Journal of Applied Science and Computations ISSN: 1076-5131	Vol.6, Issue.5, pp. 3705-3710, 2019
35.	Dr. D. Veera Vanitha	Analysis of OBS Networks with Impatient Bursts and Server Breakdown	International Journal of Engineering, Applied and Management Sciences Paradigms ISSN: 2320 -6608 Impact Factor:2.5	Vol.54, Issue.3, pp. 226-223, 2019
36.	R. Chitra	Minimal Path- Cost based Survivability Model for Ip- Over WDM Networks using ACO-MST Methods	Journal of Electrical Engineering ISSN:1582-4594	Vol.15, Issue.2, pp. 102- 111, 2019

37.	P.G.Padma Gowri	Smart Power Monitoring System Using IoT	International Journal of Advanced Computing and Communication systems ISSN: 978-93-5351-492	Vol.1 Issue.1, pp. 89, 2019
38.	Dr. B. Sargunam S. Anusha	IoT based mobile medical application for smart insulin regulation	2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT) SCOPUS 10.1109/ICECCT.2019.8869227	Vol. 8, pp. 69200-69211 2019
39.	Prasanna R Dr.K. Annaram	Application trends Of UWB Technology in diversified areas	Journal of Critical Reviews SCOPUS ISSN:2394- 5125 DOI: 10.3838/jcr.07.7.45	Vol 7, No17, pp.318 -323, 2020
40.	Amirtha. B, Rithanya. R, Shofika. S. S, Suvetha.R Mrs. P. G. Padma Gowri	On Road Automatic E-Vehicle Wireless Charging System Using Solar Energy	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 5526	Vol8, Issue 4, pp. 70-77 2020
41.	Ashini, Kruthiga.R, Tharani.A.M, Mrs. P.G. Padma Gowri	Implementation of renewable energy systems using domestic hydro power plants	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 2004 online	Vol 8, Issue 4, pp. 54-62 2020
42.	Divyadharshini.R, Jamunamala.S. S, Keerthana.S, Logadharshini.D Mrs. P.G. Padma Gowri	Smart power System with integration of biomass, wind and solar power sources	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 2004 online	Vol 8, Issue 4, pp. 78 - 86 2020
43.	Mrs.N. Kirthika Dr.B. Sargunam	Detecting Multi-Class Artefact's in Endoscopic images using YOLOv3	International Journal of Recent Technology and Engineering ISSN: 2277 - 3878	Vol. 9, Issue1, pp.2578-2583, 2020
44.	Dr.R. Sudarmani PoornaShree.T, Rohini.C.M, Yogapriya.M	Surveillance of Hazardous Gases in Sewage Plant using Intelligent Electronic Nose and IoT	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 2004 online	Vol. 8, Issue 5, pp.68-71, 2020
45.	Amrithha.D Apsara.G	Spy Robot Surveillance	International Journal of Innovative Research in	Vol. 8, Issue 6

	Ramya.R Mrs. R. Chitra	System Using IoT	Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 2004 online	pp.128-133, 2020
46.	S. Chandhini, K.Bharathi Nandha, M. Pooja Dharshini Dr.D.Veera Vanitha,	Automatic Speed Breaker Flattening System for Ambulance	International Journal of Engineering Research and Management ISSN: 2349- 2058	Vol.07, Issue 05, pp. 58-60, 2020
47.	Madhumitha V SakthiSuramanjari U SowmiyaS.L. Mrs. P. Vigneswari	Student Tracker Using Android Application	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 2004 online	Vol. 8, Issue 5, pp. 85-90, 2020
48.	Elakkiya.E Shruthi.T Mrs.Mahalakshmi Malini.G	IoT based Home Automation System Using Voice Recognition	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering ISSN: 2321- 2004 online	Vol. 8, Issue 6, pp.174-180, 2020
49.	Raveenadevi. V Indhumathy.K Mounika.M Ms.K.R. Priyanga	Vehicle Accident Detection and Driver Surveillance	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering E-ISSN: 2278 –8875	Vol. 9, Issue 6, pp.1438-1442, 2020
50.	Meenakshi Subramanian, Akalya.A, Deshika.P Dr.B Sargunam	Fifth Gen Control for Industrial Wet Grinders	International Journal of Engineering Research & Technology ISSN: 2278 - 0181	Vol. 9 Issue 08, pp. 585-589, 2020
51.	Mrs.M. Aghalya	Poem on Nature	Tumbe International e- Magazine, powered by Magazine and Journal Committee, Government First Grade College (GFGC), Tumkur, Karnataka ISSN: 2581-7728	Vol.03, Issue 01, pp.33-33, 2020

52.	Harishmitha R, Keerthana J, Savitha K, Mrs. Archana K V	Automated Self Navigated Garbage Bin	GIS Science Journal ISSN: 1869-9391	Vol 7, Issue 11, pp. 451 – 455, 2020
53.	Suvetha V Tharangini P Yazhini J Mrs.K.V. Archana	Brain Tumor Detection Using Multi - Atlas Segmentation Technique	GIS Science Journal ISSN: 1869-9391	Vol 7, Issue 11, pp.199 – 208, 2020
54.	Y. P. Makimaa, Dr. R. Sudarmani	Survey on Energy Optimization Techniques for Clustering and Routing in Applications of Wireless Sensor Networks	Solid State Technology ISSN: 0038- 111X (online)	Vol.63, Issue:6, pp. 21453-21462, 2020
55.	Subashini.M.J, Gobika.S, Varshini.R Dr. R. Sudarmani	Development of Smart Flood Monitoring and Early Warning System using Weather Forecasting Data and Wireless Sensor Networks-A Review	IEEE 3 rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV) ISBN: 978-0-7381-1183-4	pp. 738-742 2021
56.	Mrs.P. Vigneswari and Dr.S.Sivakumari	Performance Analysis of Iterative Minsum Message Passing Decoding Algorithm for 5G NR LDPC Codes	IEEE 3 rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021)	pp. 764-768, 2021
57.	R. Prasanna Dr.K. Annaram N R Shanker	Multilayer Flexible Substrate Antenna Sensor for PT Measurement From Blood Plasma to Avoid Turbidity and Reagent Sensitivity Variations Through Regression Modelling	IEEE Sensors Journal	Vol 21, No: 9 pp. 10409-10419, 2021