

## Journal Publications

SI.No.	Name of the Faculty	Title of Paper/Name of the book published	Published in with ISSN and Indexing	Volume, Pages & Year
1.	<b>B. Sargunam,</b> R. Miruthu Bashini, K. Thajalnayaki, S. Priyadarshini, A. Swethapushpa,	Wireless Patient Monitoring System with Electronic Notice Board	International Journal for Trends in Engineering & Technology  ISSN:2349-9303 Impact Factor:0.765	Volume 14, Issue 1, pp. 95-98, 2017
2.	<b>D. VeeraVanitha,</b> 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	Volume 6, Issue 3, pp. 5088-5092, 2017
3.	<b>D. VeeraVanitha,</b> 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	Volume 6, Issue 3, pp. 5065-5091, 2017
4.	<b>P. Vigneswari,</b> 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	Volume 5, pp.130-134, 2017
5.	<b>S. Anitha</b>	Indian Currency Denomination Recognition System By KNN Classifier	International Journal for Trends in Engineering and Technology  ISSN:2349-9303 Impact Factor: 0.765	Volume 14, Issue 1, 2017
6.	G. P. Darshan, B. S. Rohini, H Nagabhushana , R B Basavaraj, S C Sharma, <b>R. Sudarmani</b>	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 <b>SCOPUS Indexed</b>	Volume 7, pp. 815-833, 2017

7.	M. Venkataravanappa, H. Nagabhushana, Darshan Prabhu Kumar, S.C. Sharma, <b>Archana K.V</b> , Basavaraj Birajdar, Daruka Prasad B	Facile Ultrasound Route for the Fabrication of Green Emitting Ba <sub>2</sub> SiO <sub>4</sub> : Eu <sup>2+</sup> +nanophosphors for Display and Domestic Applications	Material Research Bulletin /Elsevier  ISSN: 0025-5408 Impact Factor: 2.446 <b>SCOPUS Indexed</b>	Volume 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 Cdsio <sub>3</sub> :Tb <sup>3+</sup> /Eu <sup>3+</sup> 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 <b>SCOPUS Indexed</b>	Volume 147, pp. 364-377, 2017
9.	<b>K.V. Archana</b>	Review on Intravascular Ultrasound (IVUS) Image Detection	International Journal of Advanced Research in Science, Engineering, Engineering and Technology  ISSN: 2350-0328	Volume 4, Issue 7, 2017
10.	<b>D. Veera Vanitha</b> , 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 <b>SCOPUS INDEX</b>	Volume.11, No. 6, pp. 1649-1654, 2017
11.	<b>P.G.Padma Gowri</b>	On-Line Monitoring and Protection of Alternator in ETPS	International Journal of Advanced Research in Science, Engineering and Technology  ISSN: 2350-0358	Volume 4, Issue 11, 2017
12.	<b>P.G.Padma Gowri</b>	Optimising 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	Volume 5, Issue 11, 2017

13.	<b>P.G.Padma Gowri</b>	Energy Conservation Techniques in a Foundry	International Journal of Modern Trends in Engineering and Science  ISSN: 2348- 3121	Volume 4, Issue 11, 2017
14.	Deepthi V, Karthika K, Kowsika R, Siva Keerthana, <b>Dr. R. Sudarmani</b>	Study of Gully Pot Monitoring System for Urban Areas	International Journal of Current Engineering and Technology  ISSN: 2347-5161	Volume.8, No.1, pp. 128-131, 2018
15.	<b>K.R.Priyanga, P.Manju Parkavi</b>	Security System & Smart Automation using IOT	International Journal of Advanced Research in Electronics & Communication Engineering,  ISSN: 2278-909X	Vol.7, Issue.11, pp. 760-763. 2018
16.	<b>K.R.Priyanga, Dhanushree.V, Pavithra.M, Santhiya.K</b>	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.	<b>P.G.Padma Gowri</b>	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.	<b>Dr. B. Sargunam, S. Anusha</b>	Real Time Tracking System using Bluetooth	Journal of Applied Science and Computations  ISSN:1076-5131	Vol.6, Issue.5, pp. 3847-3850, 2019
19.	<b>Dr. R. Sudarmani, R. Chitra, G. Mahalakshmi Malini</b>	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.	<b>R. Chitra, Dr. R. Sudarmani, G. Mahalakshmi Malini</b>	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.	<b>Dr. D.Veera Vanitha</b>	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.	<b>P.Vigneswari</b>	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.	<b>G. Mahalakshmi Malini, Dr. R. Sudarmani, R. Chitra</b>	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.	<b>G.Mahalakshmi Malini, M.Divya, R.Nagashruthi R.Ragavi</b>	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.	<b>K.V.Archana, Indhu.S, Kanniya Vikashini.B, Vaishnavi.M</b>	Detection of Leukaemia 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.	<b>Dr. D.Veera Vanitha, M. Divya Poornima, A. Uma Maheshwari R.Yazhini</b>	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.	<b>Dr. R. Sudarmani,</b> A. Akalya, B. 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.	<b>Dr. R.Sudarmani,</b> 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.	<b>R.Chitra,</b> 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.	<b>G.Mahalakshmi Malini,</b> 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.	<b>Dr.B.Sargunam ,</b> 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.	<b>Ms.R.Chitra,</b> 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.	<b>P.Manju Parkavi,</b> 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

<b>34.</b>	<b>K.R.Priyanga,</b> 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
<b>35.</b>	<b>Dr. D. Veera Vanitha</b>	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
<b>36.</b>	<b>R. Chitra</b>	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. 102-11, 2019
<b>37.</b>	<b>P.G.Padma Gowri</b>	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