



# **SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to Anna University)

Coimbatore -641 010

**Department of Electrical and Electronics Engineering**



## **Journals (2021-2022)**

1. Hema C R, Paulraj M.P, Abhishek Udiit S P, “Intelligent Social Distance Crowd Management Systems for Pandemic- A Guided Tour”, International Journal of Research and Analytical Reviews, Vol.9, No.2, 19-24,2022
2. Sangeetha S, Yoosuf Vannarath, Poornima D,” Impact of EV Charging Stations on Power Quality”, Journal of Algebraic Statistics, Vol.13, No.3,2765-2774,2022
3. Sangeetha S, Sowndhariyan J, Suganthi N, Kasi Rajan S, “A review on Smart Gas Leakage Detection and Prevention System”, Journal of Xidian University, Vol.16, Issue.2, 42-51, 2022
4. I Alagarasan, Sangeetha S, “Smart Power Quality Management in EV Charging Station”, Neuroquantology, Vol.20, Issue.10, 6590-6597, 2022
5. I Alagarasan, Sangeetha S, “Artificial Tree Energy Harvesting Topology” Neuroquantology, Vol.20, Issue.10, 1982-1991, 2022
6. A.P.Roger Rozario, R.Vijay Radha Surya, V.Sowmethran, “Review of Water Quality Monitoring Using Internet of Things (IoT)”, International Journal of Research and Analytical Reviews, Vol.9, No.2, 2022
7. A.P.Roger Rozario, S.Sathyadevi, A.V.Vishnu Priyan, R.Lokesh, “Review of Automation of Aerator and Feeder for Inland Aquaculture”, International Journal of Research and Analytical Reviews, Vol.9, No.2, 2022
8. D.Poornima, D.Balaji ,B.Prithviraj, S.Vishwanathan, “Review of Automated Intravenous Fluid Dispensing System”, Journal of Xidian University, Vol.16, Issue.2, 237-241, 2022
9. D.Poornima, C.Vivekanandhan, S.Rajeswar, A.Durgaprasanth, “Review of Heat Recovery Applications of Thermoelectric Generators”, Journal of Algebraic Statistics, Vol.13, No.3, 2775-2782, 2022
10. E Ramkumar, S Hemnath, Isaac Jonathan Emmanuel, A Jaisurya, “A Review on Auto Control and Navigation of Electric Vehicles”, Journal of Xidian University, Vol.16, Issue.3, 2022
11. E Ramkumar, Christy Rose Mathew, S Sujeen Raj Kumar, S Muthukumar, “A Review on DC-DC converters for charging of Electric Vehicles using Solar Energy”, Journal of Xidian University, Vol.16, Issue.3, 2022



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12. Gomathy S, Prabha Maheswari M, Aparna P, Prabhakaran S, Yaswanth Kumar N, “A Review on Guitar Tuners”, International Journal of Research and Analytical Reviews, Vol.9, No.2,2022
13. J. Glory Priyadharshini, B. Hariharasudhan , R. Neelakandan R.K. Arvind “ Review on IoT Based Smart Agriculture Monitoring System”, International Journal of Research and Analytical Reviews, Vol.9, No.2,2022
14. J. Glory Priyadharshini, B. Ajeesh T R, Chandru J, Naveen E “Designing of BLDC Motor Controller for Electric Vehicles”, International Journal of Research and Analytical Reviews, Vol.9, No.2,2022
15. M.Prabha Maheswari, Karthick A, Perumal A, “A review on Smart WheelChair Monitoring and Controlling System”, International Journal of Research and Analytical Reviews, Vol.9, No.2,49-54, 2022

### **Journals (2020-2021)**

1. K.Sheela Sobana Rani, M.Yuvaraj, V.Sathya, R.Lavanya, R.Gayathri, “A Modified Image Steganographic Method based on Chaotic Text Encryption using Lifting Wavelet Transformation”, International Journal of Electronic Government, 10.1504/EG.2021.10035769.
2. S.Gomathy,M. Prabha Maheswari, “Stability Analysis of Synchronous Generator Connected to Infinite Bus System”, International Journal of Current Advanced Research, Volume 9; Issue 05(C); May 2020; Pg22228-22232.
3. S.Sangeetha,D.Poornima, “Smart Public Addressing System”, International Journal of Interdisciplinary Global Studies, Volume: 14, Issue No: 04, Oct-Dec’ 2020.
4. E.Ramkumar, T.Guna, S.M.Dharshan, V.S.Ashok Ramanan, “Implementing Facial Recognition by Interfacing MATLAB Alongwith Arduino”, International Journal of Innovative Technology and Exploring Engineering, Volume-10Issue-4, February2021.
5. E. Ramkumar, V.S. Bala Murali,S.M. Dharshan, S. Ajay Vishnu, T. Guna, “Eco Friendly Dye Extraction from Cyanophyta for Textiles”,International Journal of Innovative Technology and Exploring Engineering, Volume-10 Issue-4, February 2021.



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6. D.Poornima,S.Sangeetha, “Smart Monitoring of Food Warehouses” , PENSEE Journal, Volume 5, Issue 5 2021, Pg 330-335.
7. Udaiyakumar S, Aruldoss Albert Victorie T, “Week Ahead Price Forecasting Using Artificial Bee Colony Optimised Extreme Learning Machine with Wavelet Decomposition” Technical Gazette, Vol 28, Issue 2, 2021.

### **Journals (2019-2020)**

1. G.Arunkumar,N.Devarajan, “Optimal Localization and Sizing of FACTS Devices with the aid of FFA-GSA”, Journal of Advanced Research in Dynamical and Control Systems, Vol.11 04-Special Issue 2019.
2. J.P.Jaslin Sheeja, Dr.K. Sheela Sobana Rani “ Real Time Frequency Orient Traffic Inference Model for Improved QOS in WDM Networks Based on DRWA Scheme”, Journal of Electrical Engineering, Volume 19/2019, Edition 3.
3. Minivisha Pavithrathi V, Dr.K. Sheela Sobana Rani, “Prediction of Breast Cancer Using Machine Learning”, International Journal of Advanced Science and Technology, Vol.28, No.7, 2019, pp 150-153, ISSN:2005-4238.
4. A.P.Roger Rozario, N.Devarajan “Monitoring the Quality of Water in Shrimp Ponds and Forecasting of Dissolved Oxygen using Fuzzy C Means Clustering based Radial Basis Function Neural Networks”, Journal of Ambient Intelligence and Humanized Computing, Springer, Vol.11, Issue 3, March 2020, ISSN:1868-5137.
5. D.Poornima, S,Sangeetha, “Cuk Converter for Waste Heat Recovery from Automobile Engine using Thermoelectric Generator with Air as Coolant”, International Journal of Innovative Technology and Exploring Engineering” Vol 9, Issue-4, February 2020, pp 249-252, ISSN: 2278-3075.
6. S.Gomathy, M.Prabha Maheswari, “Level Controller for Interacting Tank System Using Intelligent Controller”, International Journal of Current Engineering and Scientific Research, Vol 6 Issue 6 2019, ISSN : 2393-8374.
7. M.Prabha Maheswari, S,Gomathy , “Solar Powered Lawn Managing Movable Device”, International Journal of Current Engineering and Scientific Research, Vol 6 Issue 6 2019, ISSN : 2393-8374.



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8. J.Glory Priyadharshini, R.Prithiviraj, “Vehicle Monitoring System for Smart City” International Journal of Current Engineering and Scientific Research, Vol 6 Issue 6 2019, ISSN : 2393-8374.
9. C.Anandhakumar, R.Vidyalakshmi, Dr.K.Gaayathry, “Torque Ripple Reduction in Permanent Magnet Synchronous Motor using Predictive Control Scheme”, Test Engineering and Management”, Vol.82, Jan-Feb2020, pp 5728-5733, ISSN: 0193 – 4120.

### **Journals (2018-2019)**

1. N.Malathi,N.Devarajan, “A Direct Scheme for Order Reduction of Linear Discrete Systems and Stabilization using Lower Order Model” Journal of Electrical Engineering, Vol 18, Issue 2,Article 18.4.55, 2018, ISSN: 1582-4594.
2. N. Malathi, N. Devarajan, “ A Simplified Approach to Reduced Order Modelling of Linear Time Invariant Systems using Amplitude Matching with PSO”, Journal of Advanced Research in Dynamical and Control Systems, Vol.10 Special Issue 13,pp.1714-1723, 2018, ISSN: 1943-023X.
3. N. Malathi, N. Devarajan, “An Algebraic Procedure for the design of Linear Time Invariant Discrete and Continuous Systems Employing Lower Order Model ” International Journal of Innovative Technology and Exploring Engineering, vol.8 , Issue 5S,pp-491-496, 2019, ISSN:2278-3075.
4. N. Malathi, N. Devarajan, “Whale Optimisation Algorithm with Constriction Factor and Amplitude Matching Technology for Real Time Lower Order Modeling” International Journal of Innovative Technology and Exploring Engineering, vol 8, Issue 6S,pp-249-257, 2019, ISSN:2278-3075.
5. Anila S, Sheela Sobana Rani K, Saranya B, “Fabric Texture Analysis and Weave Pattern Recognition by Intelligent Processing”, Journal of Telecommunication, Electronic and Computer Engineering, Vol.10, No.I-13, pp.121-127, ISSN: 2180-1843.
6. Paulraj.M, Sheela Sobana Rani K, Krithika K.M.,Meenachi V.R., Immanuel R, “Regression Analysis of Cooling Load for Sericulture”, Journal of Advanced Research in Dynamical and Control Systems, Vol.10,02 Special Issue ,pp.15-26,2018, ISSN: 1943-023X.



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7. Roger Rozario A P, Pravinth Raja S, Arjuman Banu S, Nagarani S, "A Watchdog For Indigenous Cattle Breeds to Increase Milk Yield In Indian Dairy Farm", International Journal of Pure and Applied Mathematics, vol.120, no.6, pp.165-178, July 2018, ISSN: 1314-3395.
8. Poornima.D, Sangeetha.S, "Design of a Biomass Cook Stove with Co-Generation Using Thermo Electric Generators", International Journal of Applied Engineering Research, Vol.13, No.12, pp.11009-1012, 2018, ISSN: 0973-4562.
9. C.Anandhakumar, S.Udaiyakumar, "Non-Linear Carrier Controlled Power Factor Correction Boost Converter", Journal of Emerging Technologies and Innovative Research, Vol:6, Issue 2, pp 458-462, February-2019, ISSN: 2349-5162.