

**Dr. SATHIYASEKAR K/PROFESSOR&HEAD**  
**Department Electrical and Electronics Engineering**  
**Prathyusha Engineering College**

1. S Krishnan, K Sathiyasekar "A Novel Salp Swarm Optimization MPP Tracking Algorithm for the Solar Photovoltaic Systems under Partial Shading Conditions" Journal of Circuits, Systems and Computers 29 (01), 20500171 2020.
2. S Gopinath, K Sathiyasekar, S Padmanaban, B Chokkalingam" Insulation condition assessment of high-voltage rotating machines using hybrid techniques" IET Generation, Transmission & Distribution 13 (2), 171-180 2018
3. N Saravanakumar, K Sathiyasekar"Efficient method for location and detection of partial discharge in transformer oil by DOA estimation of circular array of ultrasonic sensors" Journal of Instrumentation 13 (01), P01026 2018
4. N Saravanakumar, K Sathiyasekar" Circular array of ultrasonic sensor based DOA estimation: Location of multiple partial discharge in transformer oil"Journal of Electromagnetic Waves and Applications 32 (12), 1569-1585 2018
5. S Durairaj, K Sathiyasekar, M Ilangkumaran "DECENTRALISED GREEN POWER GENERATION USING METHYL ESTERS OF NONEDIBLE OILS."Tehnicki vjesnik/Technical Gazette 24 (6) 2017
6. S Gopinath K Sathiyasekar "Prediction and classification of insulation failures in Rotating Machines an Enhanced Approach" International Journal of Manufacturing Technology and Management 2017
7. C Saravanan, K Sathiyasekar "Reliability Evaluation of Real Time Power System with SVC by Using ETAP"Asian Journal of Research in Social Sciences and Humanities 6 (7), 1895-1907. 2016
8. C Jayalakshmi, K Sathiyasekar"Analysis of brain tumor using intelligent techniques"2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT).
9. S Durairaj, K Sathiyasekar, M Ilangkumaran" Selection of alternate fuel for electrical power generator using hybrid multi criteria decision making technique" University Politehnica of Bucharest Scientific Bulletin Series C-Electrical Engineering and Computer Science 2016
10. D Divya, K Sathiyasekar "Modern real time electric meter for efficient energy management using Markov Chain Algorithm" 2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT) 2016
11. C Saravanan, K Sathiyasekar" IMPACT OF DISTRIBUTED GENERATION ON LOSS, VOLTAGE PROFILE, EQUIPMENT LOADING AND SHORT CIRCUIT LEVEL WITH SVC BY USING ETAP" Int J Adv Engg Tech/Vol. VII/Issue II/April-June 782, 788 2016
12. M Akila<sup>1</sup>, K SathiyaSekar, A Suresh"Smart Brain-Controlled Wheelchair And Devices Based On EEG In Low Cost For Disabled Person"International Journal of Computers Communication Networks and Circuit Systems (IJCCN) Vol 1, Issue 1 April 2015.
13. P Balakrishnan, K Sathiyasekar" Wavelet and kernel principal component analysis based fuzzy-neuro technique to detect and classify power transmission system faults"Australian Journal of Electrical and Electronics Engineering Volume 12, 2015-Issue1