

FACULTY JOURNAL PUBLICATIONS (2019-20)

S. No.	Name(s) of the Faculty	Title of the Paper	Name of the Journal	Volume / Issue / Page No.	Publisher	Month and Year
1.	R Gayathri, P Deiva Sundari, Soumya Thakur and R Sarathi	Investigation on the dielectric performance of titania nanoparticles and surfactant added mixture of mineral and natural ester oil	Materials Research Express	Volume No.6, Number 12	IOPscience	November 2019
2.	Suchitra Dayalan, Rajarajeswari Rathinam, Subramaniyan Valliappan	Optimal Sizing and Energy Management of a Microgrid using Single and Multi-Objective Particle Swarm Optimization under Autonomous and Grid Connected mode	SAE Technical Papers – SAE MOBILUS	doi.org/10.4271/2019-28-0158.	www.sae.org	October 2019
3.	G.Deepthi V.Subramaniyan	Speed Synchronisation of Multiple BLDC Motor Using Zigbee Module	International Journal of Advanced Research in Basic Engineering Sciences and Technology	Volume.5, Issue.9/pp.10-12	https://www.ijarbest.com/	September 2019
4.	S. Gowtham M.Ammal Dhanalakshmi P.Deiva Sundari	Modelling and Experimentation of Modified Cascaded Multilevel Inverter with Optimized Output	Journal of Electrical Engineering	Volume.19/ Iss.4	AU Annexure/ Scopus	August 2019
5.	R.Gayathri Deiva Sundari.P	An overview of electrical and thermal analysis of insulation properties of different transformer oil	Journal of Electrical Engineering	Volume.19/ Iss.4	AU Annexure/ Scopus	August 2019

6.	M.A.Femina	Anatomical structure segmentation from early fetal ultrasound sequences using global pollination CAT swarm optimiser based chan-vese model	Medical and biological engineering and computing	Vol.57,Iss.8,pp.1763-1782	Springer	August 2019
7.	M.Balamurali Jerin John M.A.Femina	Automatic fire alert system for Automobiles	International journal of recent scientific research	Vol.10 Iss.6,pp.32754-32757	www.recentscientific.com	August 2019
8.	K. Thiruppathi S. Vinodha P. Lakshmi	Design and Implementation of Controller for Ph Process at Elevated Pressure	International Journal of Recent Technology and Engineering (IJRTE)	Volume.8/ Iss.2S5/pp.58-65	Scopus	July 2019
9.	S.Gowtham, Sreenath.G, Sushanth.G, Suba.R,M Balaji	Switch Fault Diagnosis using S-Transform on Three Phase Inverter for BLDC Drive	International Journal of Recent Technology and Engineering (IJRTE)	Volume.8/ Iss.2S5/pp.58-65	Scopus	July 2019
10.	Mr. R. Selvam	A sustainable Energy management soft computing system for Photovoltaic/wind Hybrid Power Generation System.	International journal of Environment and sustainable Development	Vol.18 Iss.3, pp.239 -258	Inder science/0.39	June 2019

FACULTY JOURNAL PUBLICATIONS (2018-19)

S. No.	Name(s) of the Faculty	Title of the Paper	Name of the Journal	Volume / Issue / Page No.	Publisher	Month and Year
1.	Mr. S. Gowtham	Three Port DC-DC Converter for Four Phase SRM Drive	International Journal of Scientific Research and Review	Volume 7,ISSN NO: 2279-543X	Dynamic publisher	May 2018
2.	Dr. R. Murugan Dr. P. Deivasundari	Hybridizing Bat Algorithm with Artificial Bee Colony for Combined Heat and Power Economic Dispatch	Applied Soft Computing	Volume 72, pp.189-217	Elsevier	July 2018
3.	Ms. M. Shanmugapriya	Comparative study of firefly Algorithm with PI,PID, Fuzzy controller for Diode Bridge Power factor Correction	International Journal of Pure and Applied Mathematics	Volume 120 No. 6 2018, 1537-1549	Academic Publications	September 2018
4.	Ms. S. Gowtham , Ms. M. Ammal Dhanalakshmi Dr. P. Deiva Sundari	Modernized PWM Technique for Modified Cascade Multilevel Inverter to Minimize THD	International Journal of Pure and Applied Mathematics	Volume 120 No. 6 2018, 1537-1549	Academic Publications	September 2018
5.	Mr. A. Arvin Tony	A Review of Meta-Heuristic techniques for Distributed Generation	International Journal of Pure and Applied Mathematics	Volume 120 No. 6 2018, 1537-1549	Academic Publications	September 2018
6.	Mr. S. Gowtham Mr. K. Karthikeyan	Performance Analysis of frequency Drive(VFD) with improved Efficiency	International Journal of Pure and Applied Mathematics	Volume 120 No. 6 2018, 1593-1605	Academic Publications	September 2018

7.	Mr. V. Subramaniyan Dr. V. Gomathi	Congestion management in restructured power system using photovoltaic's	International Journal of Engineering and Technology	7(4.10) 2018 144-147	Science Publication	September 2018
8.	Mr. S. Balaji	Bi-Directional Dc-Dc Converter For Energy Storage In Solar Pv System,	International Journal of Pure and Applied Mathematics	Volume 120 No. 6 2018, 1101-1111	Academic Publications	September 2018
9.	Karthikeyan.K, Patnaik S.K., Deiva Sundari.P, Anuradha.T,	Adaptive Incremental-Conductance MPPT based Solar PV system for Electric Vehicles.	Journal of Electrical Engineering	Vol.18	AU Annexure/ Scopus	March 2019
10.	S. Sumathy, Jitha Varghese	Inductive power transfer for massive electric vehicle by single phase inverter	International Journal of Advance Research, Ideas and Innovations In Technology	Vol.5/ Iss.1/ pp.715-720 2019	https://www.ijariit.com/	March 2019
11.	R.Ramya S.Balaji	Improving the power quality using modular multilevel converter with reduced number of switches	International Journal of Advance Research, Ideas and Innovations In Technology	Vol.5/ Iss.1/ pp.58-65	https://www.ijariit.com/	March 2019
12.	Dr. T. Anuradha	A multi objective control strategy based power flow control of PV system for remote Power Solutions	IEEE-International conference on Power Electronics drives and Engineering System at IITM	10.1109/PEDES.2018.8707851	IEEE	May 2019

FACULTY JOURNAL PUBLICATIONS (2017-18)

S. No.	Name(s) of the Faculty	Title of the Paper	Name of the Journal	Volume / Issue / Page No.	Publisher	Month and Year
1.	Dr. DeivaSundari P, Ms. Anuradha Mr. Senthilkumar	LOCV-VSS-INC Strategy based Hybrid MPPT Controller for Remote Power Applications	IET Power Electronics	Vol.10,Iss. 11,pp.1363-1376	Institution of Engineering and Technology	September 2017
2.	Mr. K. Vinoth Mr. S. Arunan	Design of A high efficiency and minimum torque ripple three phase BLDC motor drive	International Journal of modern Trends in Engineering and Research	Vol: 4, Issue 8	IJMTER	August 2017
3.	Ms. Jitha Varghese Mr. Paul Karikottil	Footstep Power Generation Using Piezoelectric Sensors	International Journal of Recent Innovation in Engineering and Research	Vol: 2, Iss.8, pp.11-17	IJREIR	August 2017

4.	Ms. Serene Mr. K Navin Kumar	Relay coordination in a 11kv substation using ETAP	International Journal of Recent Innovation in Engineering and Research	Vol: 2, Iss.8, pp.18-26	IJREIR	August 2017
5.	Mr. S. Rubin Bose, Mr. J. Jasper Prem	Design and Implementation of Digital Notice Board Using IoT	International Journal of Recent Innovation in Engineering and Research	Vol: 2, Issue:8, Pg No: 78-84	IJREIR	August 2017
6.	Mr. R. Kannan, Dr. S. Solai Manohar Mr. M. Senthil Kumaran	Nominal features-based class specific learning model for fault diagnosis in industrial applications	Computers and Industrial Engineering	Vol.116, pp.163-177	Pergam on- Elsevier Science Ltd	February 2018

FACULTY JOURNAL PUBLICATIONS (2016-17)

S. No.	Name(s) of the Faculty	Title of the Paper	Name of the Journal	Volume / Issue / Page No.	Publisher	Month and Year
1.	Dr. S. Solai Manohar	Pre- channel scheduling and priority based reservation in medium access control for industrial wireless sensor network applications	Science Direct – Computers and Electrical Engineering	http://dx.doi.org/10.1016/j.comeleceng.2017.05.010	Pergamon-Elsevier Science Ltd	June 2017
2.	Ms. Annes.J, Ms. Ammal Dhanalakshmi Mr. ArunVenkatesh J Ms. Keerthana Paul	Design of standalone hybrid lighting system	International Journal of Electronics and Electrical Engineering-IJEEE	Vo.08, Iss.02, pp. 498-506	AR Research publication	July- Dec 16
3.	Mr. ArunVenkatesh. J Ms. Swethamarai. P	Comparison of DVR and D-STATCOM for Harmonic Compensation based on Non Iterative OptimizationAlgorithm	International Journal of Electronics and Electrical Engineering -IJEEE	Vol.08, Issue 02, Page 366-371	AR Research publication	July- Dec 16
4.	Mr. Loganathan. N	Adaptive solar power generation using grid for domestic energy management system	International Journal of Science and Innovative Engineering and Technology (IJSIET)	Volume 1	IJSIET	May 2017,