



St. JOSEPH'S COLLEGE OF ENGINEERING

(St. Joseph's Group Of Institutions)

OMR, CHENNAI -600 119

Department of Electrical and Electronics Engineering

STAFF PUBLICATIONS

(Academic Year-2018-2019)



JOURNALS:

| Sl. No | Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc. | UGC Approved Journal number |
|--------|---|--------------------------------|
| 1. | V.Balasubramanian, S.Jayaprakash M.Kavitha, V.Elanangai, Development of Regenerative braking concept for Electric Vehicle enhanced with bidirectional converter, International journal of Power Electronics and drives system, Vol.9/No.4/PP.1584-1590/Dec 2018 | 47828 |
| 2. | Dr.Jayaram Pradeep, Ajay Joel Abraham, Allan Thomas, IOT based real time cardiac activity monitoring system using body sensor network, International Journal of Pure and Applied Mathematics, Vol.120/No.6/ pp1455-1464 | 23425 |

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|----|---|----------|
| 3. | Dr.V.Uma & J.Hanest Angel Priyadharshini D, Demand response in real time congestion Management, International Journal of Pure and Applied Mathematics, Vol.118,No.20 | 23425 |
| 4. | D.Kiruba Josephine & Dr.V.Uma, Power Management of a Microgrid Using Hybrid source, International Journal of Pure and Applied Mathematics, Vol.118,No.20 | 23425 |
| 5. | V.Balasubramanian, S.Jayaprakash M.Kavitha, V.Elanangai Development of Regenerative braking concept for Electric Vehicle enhanced with bidirectional converter, International journal of Power Electronics and drives system, Vol.9/No.4/PP.1584-1590/Dec 2018 | 20888694 |

SCI & Impact factor Journals

| Sl. No | Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc. | Impact factor (SCI) | H- index (Scopus) |
|--------|--|------------------------|----------------------|
| 1. | Dr.Jayarama Pradeep & Dr.P.Velmurugan Implementation of Improved Shunt Active Power Factor Correction Circuit for DTC Based PMSM, Journal of Electrical Engineering, Vol 19, March 2019 | 0.597 | 22 |
| 2. | R.Rajasekar,S.Ganesan & W.Mary Nishanthi Performance and emission characteristics of biodiesel derived from coconut acid oil, International Journal of Ambient Energy, June 11,2018 | 0.61 | 18 |

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| 3. | Dr.Jayarama Pradeep, V.Balasubramanian, M.Kavitha, V.Senthil Nayagam.Performance evaluation of Fuel cell based high efficient multi winding coupled inductor DC-DC converter, Journal of advanced research in dynamical and control systems. pp731-741/2018 | - | 6 |
| 4. | P.Anabrasan A new PWM modulated multilevel inverter topology with reduced switch count in conduction path, Journal of Electrical Engg. | 0.597 | 22 |
| 5. | P.Anbarasan S.Ramkumar S.ThamizharasanA reduced switch count Asymmetrical three phase Multilevel Inverter Topology,Sep & 2018,18/03,Journal of Electrical Engineering,pp343-348 | 0.597 | 22 |
| 6. | Dr.Jayaram Pradeep, Ajay Joel Abraham, Allan Thomas, IOT based real time cardiac activity monitoring system using body sensor network, International Journal of Pure and Applied Mathematics, Vol.120/No.6/ pp1455-1464 | 0.252 | 21 |
| 7. | Dr.V.Uma & J.Hanest Angel Priyadharshini D, Demand response in real time congestion Management, International Journal of Pure and Applied Mathematics, Vol.118,No.20 | 0.252 | 21 |
| 8. | D.Kiruba Josephine & Dr.V.Uma, Power Management of a Microgrid Using Hybrid source, International Journal of Pure and Applied Mathematics, Vol.118,No.20 | 0.252 | 21 |
| 9. | S. Abinaya Dr. N. Chidambararaj, Mr. K. Aravindhan,Optimal Placement and Co-ordination of UPFC with DG Using Particle Swarm Optimization Algorithm (PSO),10/15,Journal of Advanced Research in Dynamical and Control Systems(JARDCS),651- 658 | - | 6 |

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| 10. | N. Chidambararaj & Dr. K. Chitra Minimal constraint based cuckoo search algorithm for removing transmission congestion and rescheduling the generator units VOL. 14, Nos. 1/2 Int. J. Business Intelligence and Data Mining pp218-237 | - | 16 |
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CONFERENCE:

| Sl. No | Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc. | H- index (Scopus) | UGC Approved Journal number |
|--------|---|----------------------|--------------------------------|
| 1 | Sai Vighnesh P ,Sam Reji Joseph, , Rajmohan C,Chamundeeswari V, Max power extraction in wind energy system with pitch angle control, college, ICCSP 2018, IEEE digital xplore,DOI:10.1109/ICCSP.2018.8524390 | - | - |
| 2 | Akash J,Ajit S,Chamundeeswari V,Gomathi.V,Chamundeeswari V Comparative analysis of negative luo converter and cuk converter for harmonic reduction, ICCSP 2018 IEEE digital xplore, DOI:10.1109/ICCSP.2018.8524390 | - | - |
| 3 | M.Satish baboo, R.Chandru ,K.Vanitha, Microcontroller based consumer and energy consumption control from substation using PLCC, IEEE conference, IEEE digital xplore | - | - |

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| 4 | S.Ashika,D.Benitha angel,Dr.T.V.Narmatha, Automatic Room lights control using Arduino AD PIR Sensor, International conference on Science,Engineering and Technology. ICON ECIS-18/pp307-313 | - | . |
| 5 | S.Boobeshraj, ManiRathinam.S, Clinton Jai.J, M.Chilambarasan, Design and Implementation of S3 inverter photo voltaic cell with fuzzy logic MPPT algorithm. Proceedings of IRF International Conference,7 th October 2018 | - | . |

Book chapters & Books published :

| Sl. No | Publication details (Authors, Title, Book name, Pages, Year, Publisher, ISBN, (DOI) etc. |
|---------------|---|
| 1. | Power system analysis,Dr.M.Ramesh Babu, Dr.V.Uma, Dr.N.Chidambararaj,ARS publication, 978-93-84608-63-4 |

Total No.of Staffs: 34

Total No.of.Publications: 21 (4+11 +5 +1)

HOD/EEE