



Sreenivasa Institute of Technology and Management Studies

(Autonomous – NAAC Accredited – ISO Certified Institution) Murukambattu, Chittoor, Andhra Pradesh.

Research and Development Cell

Department of EEE

Journal Publications 2020-21

| Sl.No | Faculty Name | Title | Journal | Volume |
|-------|------------------------|--|-----------------|---|
| 1 | Dr. V. Maheswari | Power Generation In Divider less Road Based Using Vertical Axis Wind Turbine | Turkish Journal | Scopus ISSN: 2651 – 4451, Volume-32 Issue-3 21.05.2021 |
| 2 | Mr.J.Sreeranganayakulu | Damping of SSR Oscillation using STATCOM and TCSC | IJERT | Volume 16 issue 8 24.08.2020 |

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Bangalore-Tirupathi Bye-Pass Road, Murukambattu, Chittoor, AP-517127.

Number of Papers Published in Journals

| | Name of the faculty | Inter National Journal Publication |
|----|---------------------|--|
| 1 | Dr.V.Maheswari | V. Maheswari , P.Elangovan, M.Baranidharan, S.Deepa and Lavanya Dhanesh, "Theoretical and Simulation Analysis of First Generation DC-DC Converters", International Journal of Mechanical and Production Engineering Research and Development, Volume. 8, Special Issue 2, pp. 281-288, November - 2018. |
| 2 | | M.Baranidharan, P.Elangovan, V. Maheswari and N.S.Pavani, "Review on MPPT Techniques in Wind Energy Conversion System", International Journal of Emerging Technologies and Innovative Research, Volume 5, No. 11, pp.4-12, November - 2018. |
| 3 | Dr.P.Elangovan | S.Prabhu, P. Elangovan , M.Balaji, N.Ezhilvethan and S. Vasanthraj, "Prediction of Vibrations in Two Phase Conventional and Flux Reversal Free Stator Switched Reluctance Motors" International Journal of Mechanical and Production Engineering Research And Development, Volume. 8, Special Issue 2, pp. 231-236, November - 2018. |
| 4 | | V.Maheswari, P. Elangovan , M.Baranidharan, S.Deepa and Lavanya Dhanesh, "Theoretical and Simulation Analysis of First Generation DC-DC Converters", International Journal of Mechanical and Production Engineering Research and Development, Volume. 8, Special Issue 2, pp. 281-288, November - 2018. |
| 5 | | S.Deepa, Lavanya Dhanesh and P. Elangovan , "Optimal Fuzzy Controller for Power Quality Improvement of Dynamic Voltage Restorer Using Bacterial Foraging Algorithm", International Journal of Mechanical and Production Engineering Research and Development, Volume. 8, Special Issue 2, pp. 492-497, November - 2018. |
| 6 | | M.Baranidharan, P. Elangovan , V.Maheswari and N.S.Pavani, "Review on MPPT Techniques in Wind Energy Conversion System", International Journal of Emerging Technologies and Innovative Research, Volume 5, No. 11, pp.4-12, November - 2018. |
| 7 | Mr.K. Gunavardhan | K. GUNAVARDHAN , I. PRABHAKAR REDDY & P. SUJATHAA, "CONVOLUTION NEURAL NETWORK (CNN) BASED DEEP LEARNING NEURAL NETWORK FORECAST MODEL FOR WIND ENERGY PREDICTION" International Journal of Mechanical and Production Engineering Research and Development (Scopus), Volume. 8, Special Issue 2, pp. 244-254, November - 2018. (ISSN (P): 2249-6890; ISSN (E): 2249-8001) |
| 8 | Mr.M.Baranidharan | V.Maheswari, P.Elangovan, M. Baranidharan , S.Deepa and Lavanya Dhanesh, "Theoretical and Simulation Analysis of First Generation DC-DC Converters", International Journal of Mechanical and Production Engineering Research and Development, Volume. 8, Special Issue 2, pp. 281-288, November - 2018. |
| 9 | | M. Baranidharan , P.Elangovan, V.Maheswari and N.S.Pavani, "Review on MPPT Techniques in Wind Energy Conversion System", International Journal of Emerging Technologies and Innovative Research, Volume 5, No. 11, pp.4-12, November - 2018. |
| 10 | Ms.N.S.Pavani | M.Baranidharan, P.Elangovan, V.Maheswari and N.S. Pavani , "Review on MPPT Techniques in Wind Energy Conversion System", International Journal of Emerging Technologies and Innovative Research, Volume 5, No. 11, pp.4-12, November - 2018. |

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| 11 | 2017-18 | Dr.V.Maheswari | V Nandagopal, C Kannan, V Maheswari and GK Sathish Kumar,"Wearable pain free heart arrhythmia detector module",Bio medical research,Scopus & UGC,Paid,,Special,S332-S335, 2017. |
| 12 | | | V. Nandagopal, S. Sheeba Rani, A. Maideen Abdhulkader Jeylani, V.Maheswari ,"Remote Operated Vehicle Based Human Tracking in Inderwater Using Lifi Technology",International journal of pure and applied mathematics,Vol.19, No.12, pp.1645-1653, 2018. |
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| 15 | | Mr.J.Sreeranga Nayal | J Sreeranganayakulu , G V. Marutheswar, P Sujatha, "Reduction of SSR oscillations in power system network with STATCOM and UPFC",International Journal of Engineering and Techology,vol.7, No.2.8, pp.603-611, 2018. |
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| 17 | 2016-17 | Dr.V.Maheswari | V. Maheswari , V. Nandagopal, C. Kannan, "Performance Metrics of z source CHB Multilevel Inverter Fed IM",Circuits and systems,7, pp.3794-3806, 2016. |
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| 22 | 2016-17 | Mr.L.Sagar | L.Sagar , Dr. B. Sarvesh, "Comparison of PI and Fuzzy Based Controllers of Vector Controlled Induction Motor Drive",International Research Journal in Advanced Engineering and Technology, Vol.2, No.6, pp 1366-1376, 2016. |
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