

DC MEMBERS
RECENT PUBLICATION DETAILS

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Area of specialization : Special electrical machines and controllers, DC-DC converters for Solar application, Power Quality Issues

1. Shree Kumar H, **Jagadeeshwaran A**, Shantha kumar M, Vijay Shankar S, Periyasamy VM, “ Intelligent three lane traffic light System using Raspberry Pi” International Journal of Advanced Science and Technology, Vol 29, No.7 pp 13825-13821, 2020.
2. Angeline Priyanka, **Jagadeeshwaran A**, Vijay Shankar S, Periyasamy VM “Investigation of Multi input Multi output Bi directional Dc-DC Interleaved Boost Converter with three different Energy Sources and three outputs” TEST Engineering & Management ISSN : 0193-4120, Vol. 83, 10582-10586, 2020.
3. Purna Bhadur Pun, **Ardhanari Jagadeeshwaran**, Subramanian Vijayshankar, Periyasamy VM, Selvakumar P “Design and Configuration Optimization of 3kW Switched Reluctance Motor for Commercial Electric Vehicle Application” IJIREEICE, Volume 6, Issue 11, Page 52-60, 2018.
4. Nivetha S, Vijay Shankar S, Jagadeeshwaran A, Aravind CV, “ Regenerative Braking System for Hybrid Electric Vehicle Driven by DC motor” IJAREEIE ISSN : 2278-8875, Vol7, Issue 2, Page 447-452 2018, DOI:10.15662/IJAREEIE.2018.0702010.
5. **Ardhanari Jagadeeshwaran**, Subramanian Vijayshankar, N. Kannan, Aravind CV, “ Limited Angle BLDC for Scan Mirror Application in Space Satellite System” **IEEE Aerospace and Electronics Systems Magazine** DOI No. 10.1109/MAES.2016.160015, Page 24-32 June 2016.
6. Aravind C.V, Maitha Ishaq, Yaquod Al-Sawafi, **Arthanari Jagadeeshwaran** “Different Magnetic Orientation for Torque Angle Control in Scan Mirror Systems for Satellite Applications” International Journal of Control Theory and Applications, Vol.9 Issue no. 31 Page 139-145, 2016

7. ManjuPriya S, **Jagadeeshwaran A**, Aravind CV, “DESIGN AND IMPLEMENTATION OF SEPIC CONVERTER BASED PV CHARGING SYSTEM , INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH, 10, 9, Page 7,549 - 7,552, 01-Jan-2015.
8. Govindaraju K, Selvakumar P, Vijayshankar S, **Jagadeeshwaran A**, “CLOSED LOOP SPEED CONTROL OF BLDC MOTOR USING LABVIEW AND ARDUINO , INTERNATIONAL JOURNAL OF APPLIED ENGINEERING RESEARCH, 10, 10, Page 9,580 - 9,584, 01-Aug-2015.
9. Aravind CV, **Arthanari Jagadeeshwaran**, Lan Pin Wen, Reynold Hariyadi, “Comparative Evaluation of a novel Double Rotor Flux Assisted Machine with IPM machine using Motor constant Square Density” International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, Number 17, Page 12813-12818, Feb 2015.
10. Aravind CV, **Jagadeeshwaran A**, Ramesh GP “ Design Analysis and Development of Reluctance Machine for Low power Applicatins” International Journal of Scientific & Engineering Research, Vol.5, Issue 4, April 2014.
11. Subang Jaya, Aravind CV, Kamalinni, Tay SC, **Jagadeeshwaran A** “DESIGN ANALYSIS OF MAGLEV-VAWT WITH MODIFIED MAGNETIC CIRCUIT GENERATOR <http://dx.doi.org/10.1109/icees.2014.6924146>, 1, 1, Page 82 - 86, 01-Jan-2014.
12. Janardhanan B, Selvakumar P, Vijayshankar S, **Jagadeeshwaran A** “DESIGN AND ANALYSIS OF MULTI PHASE PERMANENT MAGNET BLDC GENERATOR FOR DOMESTIC WIND TURBINE APPLICATIONS , <http://dx.doi.org/10.1109/icees.2014.6924183>, Page 290 - 294, 01-Jan-2014.
13. **A. Jagadeeshwaran**, S Padma, S Vijay Shankar, VM Periyasamy, P selvakumar “Development of Limited Angle Brushless Torque motor Control drive for Scan mirror mechanism”, International Journal of Engineering and Technology, Vol.5, No.5, Page 3,907-3,913, 01-Jul-2014.