

**DC MEMBERS**  
**RECENT PUBLICATION DETAILS**

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**Area of specialization : Power Electronics and Drives**

- 1) KE Lakshmiprabha, C Govindaraju, “An integrated isolated inverter fed bldc motor for photovoltaic agric pumping systems” - Elsevier Microprocessors and Microsystems, 2020, Vol.79, Pages 103276
- 2) J Kumaresan, C Govindaraju, “PV-tied three-port DC–DC converter-operated four-wheel-drive hybrid electric vehicle (HEV)”, Springer Berlin Heidelberg - Electrical Engineering, Pages 1-19, June 2020
- 3) M Venkateswaran, C Govindaraju, TK Santhosh,” Integrated predictive control and fault diagnosis algorithm for single inductor-based DC-DC converters for photovoltaic systems” Circuit World, June 2020
- 4) Jawaharlal Kumaresan, Chinnathambi Govindaraju,” Development of a Power Management Algorithm for PV/Battery Powered Plug-In Dual Drive Hybrid Electric Vehicle (DDHEV)” Taylor & Francis - Electric Power Components and Systems, Pages 1-16, April 2020
- 5) G Mahendran, C Govindaraju, “Flower pollination algorithm for distribution system phase balancing considering variable demand ‘Elsevier - Microprocessors and Microsystems, Vol. 74, Pages 103008, Apr 2020
- 6) Franklin Alex Joseph, C Govindaraju, “Channel selection using glow swarm optimization and its application in line of sight secure communication” Springer US - Cluster Computing, Vol 22, Issue 5, Pages 10801-10808, Sep 2019
- 7) Kakkanallur Ethirajan Lakshmiprabha, Chinnathambi Govindaraju, “Kakkanallur Ethirajan Lakshmiprabha, Chinnathambi Govindaraju” International Journal of Communication Systems, Pages e4071, Jul 2019
- 8) C Nivetha, Dr C Govindaraju,” Design of Grid Tied Bi-Directional Inverter for Battery Energy Storage System” International Journal of Electrical Engineering & Technology, Vol 10, Issue 2, 2019

- 9) T Sakthivel, Dr C Govindaraju,” Design and Analysis of Quasi Cascaded Multi-Level Inverter” International Journal of Electrical Engineering & Technology, Vol 10, Issue 2, 2019
- 10)D Haripriya, C Govindaraju, M Sumathi, “A novel input data transition aware dynamic voltage scaling based low power MAC architecture for DSP applications” Springer US - Design Automation for Embedded Systems, Vol 21, Issue 3-4, Pages 265-281, Dec 2017
- 11)Thuttampatty Krishnamoorthy Santhosh, Chinnathambi Govindaraju, “Dual input dual output power converter with one-step-ahead control for hybrid electric vehicle applications” IET Electrical Systems in Transportation, Vol 7, Issue 3, Pages 190-200,2017
- 12)K Natarajan, C Govindaraju, “Design of a SEPIC Based Hybrid Energy System with a New Rectifier Stage Topology” European Journal of Applied Sciences, Vol 9, Issue 4, Pages 207-211, 2017
- 13)TS Mohamed Asiq, C Govindaraju, “Design Of Two Inductor Boost Converter For Photovoltaic Applications” Singaporean Journal of Scientific Research (SJSR), Vol 8, Issue 2, Pages 12-19, 2016
- 14)K Natarajan, C Govindaraju,” Closed Loop Control Analysis of Modified Sepic Converter” International Journal of Engineering Technology and Computer Research, Vol 4, Issue 6, 2016